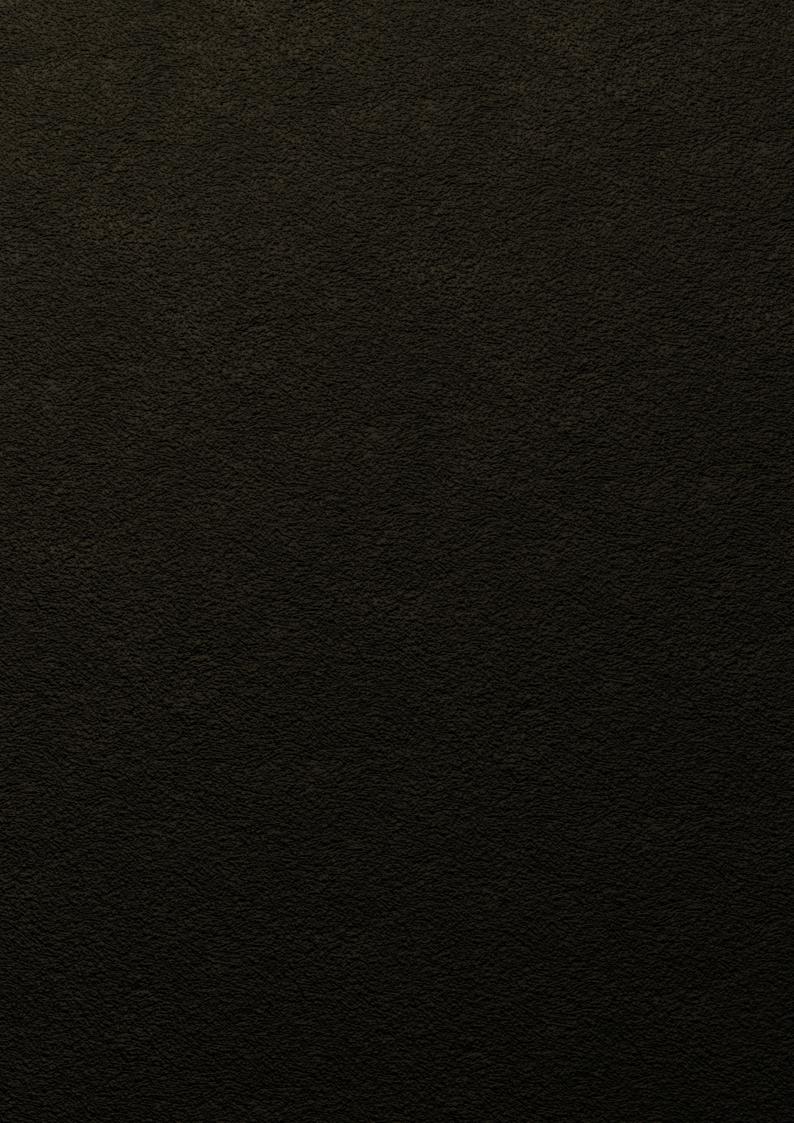
## LINEAR LIGHTING

#Indoor Luminaires #Workspace Lighting #Outdoor Luminaires #LED Modules



2024 Vol.3





## ABOUT US

#UNITED KINGDOM #AUSTRIA #SWEDEN #NETHERLANDS #UAE #ISRAEL #SOUTH AFRICA #AUSTRALIA #CHINA #HONG KONG & MACAO #INDIA #INDONESIA #MALAYSIA #SINGAPORE #SOUTH KOREA Introducing ELR's groundbreaking lighting innovation – Linear Works, a distinguished range designed with an unwavering commitment to crafting superior linear luminaires. Infused with passion and a pursuit of excellence, Linear Works redefines linear lighting through an ingenious modularity concept based on cut length. This distinctive approach grants unparalleled flexibility in linear lighting design, allowing for tailored solutions that meet diverse customization needs.

At the heart of Linear Works is a meticulous control over product quality throughout the design and manufacturing process. Our dedicated research and development team ensures that we stay at the forefront of technology, fostering continuous innovation and expansion to meet evolving requirements.

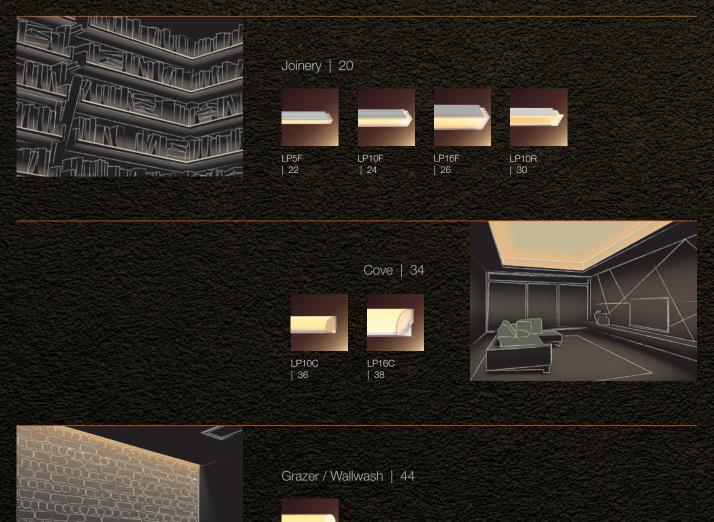
Linear Works embodies a dedication to excellence, aspiring to deliver the ultimate linear lighting experience. From concept to creation, Linear Works stands as a beacon of sophistication, providing complete solutions with a range of linear luminaires that showcase our commitment to unparalleled quality and design. Elevate your spaces with Linear Works – where innovation and elegance converge.



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LP16G | 46

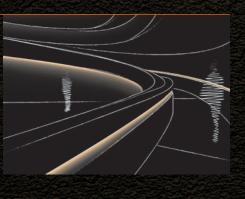
Flexible Linear | 50



LF10TB

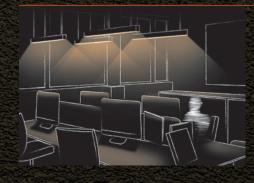
| 52





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### WORKSPACE LIGHTING





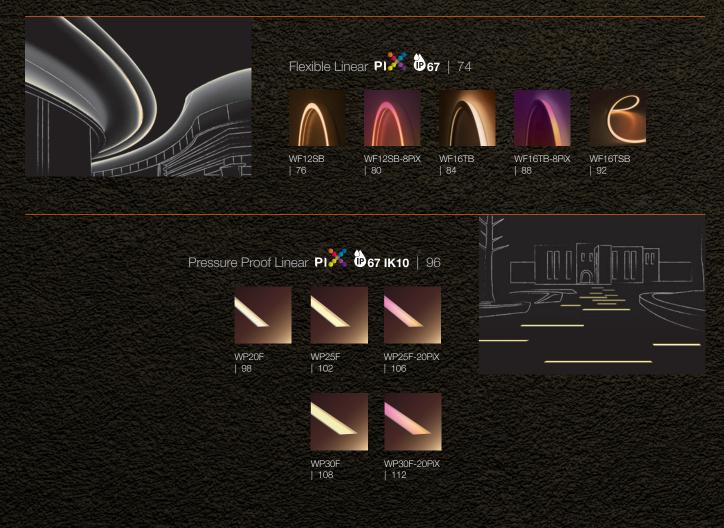


LT65F | 66 Up Downlight | 70



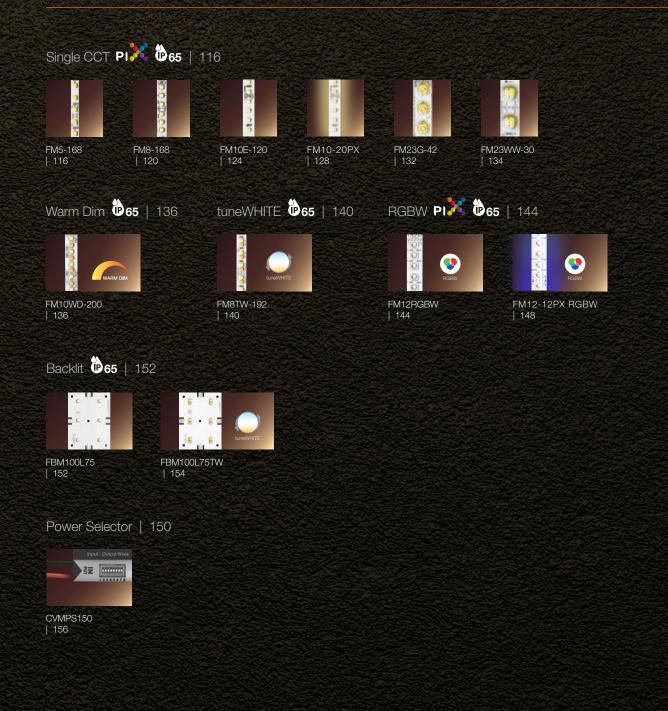


### OUTDOOR LUMINAIRES





### LED MODULE



## Unifying Spaces with Endless Illumination

A signifies concept, this embodies the creation of cohesion and harmony within diverse environments, achieved through the use of a continuous and boundless light source. It seamlessly connects spaces, fostering an atmosphere of unity, tranquility, and uninterrupted visual flow.

### **Seamless Connection**

Experience a Seamless Connection with our Innovative Linear Lighting Solution. Our design features a unique wiring connection that allows the cable to elegantly exit from the bottom of the profile, ensuring a clean and unobtrusive appearance. Celebrate the absence of unsightly wires and embrace the sleek, sophisticated lighting experience that enhances both your space and your design.



consistent LED spacing for a seamless and perfect connection

### Continuous Light

The concept of seamless connection reimagines lighting, integrating it flawlessly into any environment. This approach creates captivating, sensorial ambiance, whether in homes, businesses, or hospitality spaces. The allure of seamless connection lies in its ability to weave an uninterrupted tapestry of light, transcending traditional lighting practices and resonating with those seeking visual excellence.



## Sleek Simplicity, Brilliant Clarity Linear Workspace Lighting for Modern Minds.

Illuminate your workspace with the precision of linear design. Our cutting-edge linear lighting solutions bring clarity and sophistication to your environment, effortlessly merging form and function. Say goodbye to shadows and hello to seamless brilliance. Elevate your workspace with the sleek, modern touch it deserves. Illuminate your path to productivity.

Lockable Connector

Roll Diffuser

### **Continuous Light**

Discover the brilliance of Continuous Light, where seamless connections create unified illumination for your workspace. Our innovative roll diffuser technology ensures a smooth and even distribution of light, eliminating harsh shadows and establishing a comfortable environment. Elevate your workspace with the perfect blend of functionality and aesthetics. Illuminate your work area with the extraordinary power of Continuous Light.

\*Only available in LT65F and LT65FUL

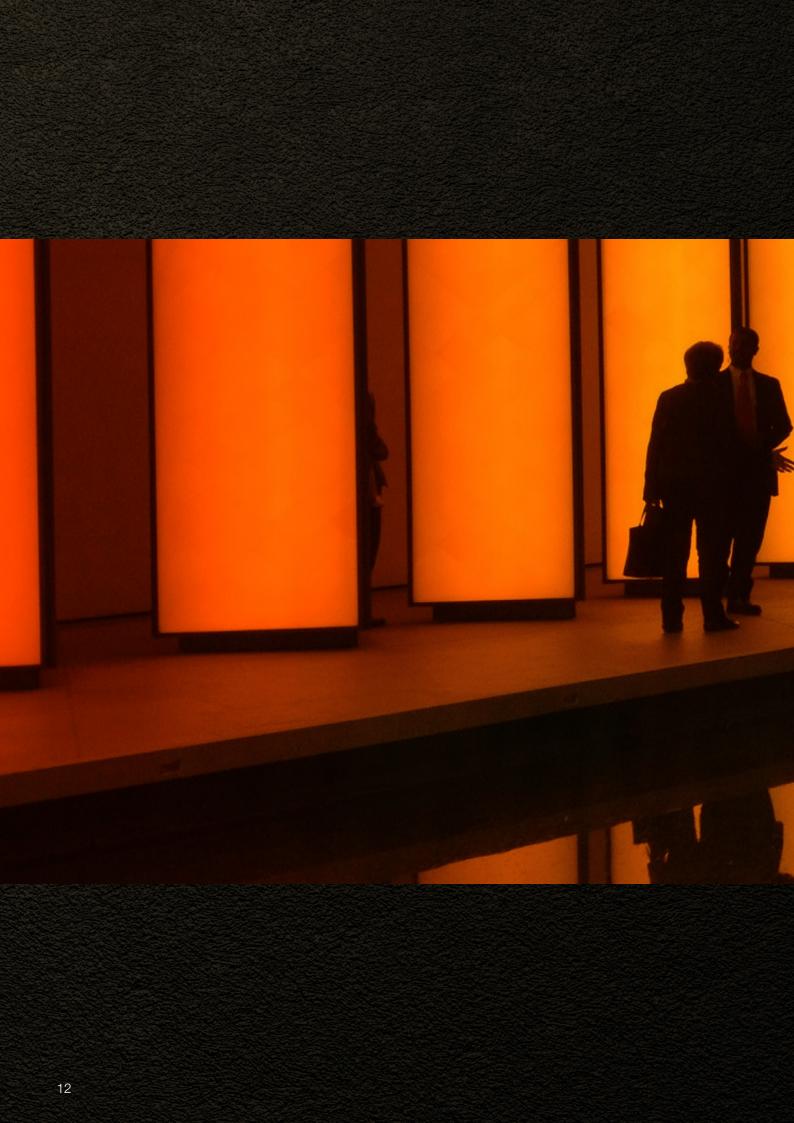
### Easy Maintenance

Discover our groundbreaking workspace lighting solution, featuring a clever tray system for effortless maintenance and installation. With this innovative technology, keeping your workspace brilliantly illuminated has never been easier. The user-friendly tray design ensures that maintenance tasks are a breeze, allowing you to focus on what matters most. Say goodbye to complicated procedures and hello to a seamless lighting experience.

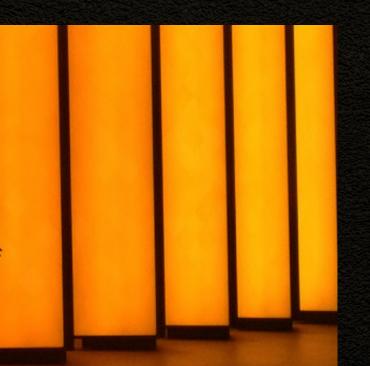
Housing

▲ Gear Tray

▲ Diffuser









## Warm Dim

Dawn and dusk can be simulated indoors with Linear Works WARM DIM LED modules to generate amazing lighting ambience, whereby the colour temperature shift to candle alike as the light is dimmed, and back to general warm white when the light is brighten up. Coupled with high performance LED drivers, the LED can be dimmed smoothly to a minimum brightness of 0.1% while the colour temperature shifts gradually to candle alike of 1800K.

#### Warm Dim

3100K

1800K

## Consistent Light Colour and Chromaticity

### Linear Works Redefines ELR Lighting with Consistent Precision

Elevate your spaces with the assurance of uniform light colour and chromaticity seamlessly integrated into ELR luminaires through Linear Works. This groundbreaking addition establishes a new benchmark for harmonious lighting excellence, allowing confident illumination for a cohesive and captivating ambiance.



MODULAR CONCEPT WITH VARIOUS FIXTURE SELECTIONS:



Linear Luminaires 3000K



Wall Mount



Canopy



Single Point

Inground

Correlated Colour Ter	mperature (CCT)	3000K	2700K		
Linear Works Luminai	re	ELR LED Module			
	LP10F	•	•		
Joinery	LP16F	•	•		
	LP10R	•			
Cove	LP16C		•		
Grazer / Wallwash	LP16G	•	•		

Disclaimer: The color matching results in the table were tested with ELR 20P 2700K / 3000K ProART LED modules.

- Acceptable Colour Perception
- Harmonious Colour Perception



Discrepancies in light colour and chromaticity can lead to imbalanced illumination, impacting the desired design intent and overall ambience. The effective collaboration between ELR and Linear Works addresses this concern. With Linear Works as the prominent brand, their partnership ensures closely matched light colour and chromaticity in both ELR modular and linear luminaires, resolving the issue of inconsistent lighting. This enables users to confidently create cohesive lighting designs, enhancing the visual appeal and functionality of any space.







## Colour Excellence

All Linear Works LED modules come in high colour rendering index (CRI) of Ra>90 and R9>50, giving excellent representation of colours that are illuminated. Colour consistency is assured and controlled with 3-step MacAdam ellipse binning, guaranteeing consistent white light to provide comfortable and pleasant light effects.

A variety of single correlated colour temperature (CCT) selections ranging from a very warm white of 2400K to cool white of 5000K are available to suit different lighting ambience requirements.

2400K	2700K	3000K	3500K	4000K	5000K







## RGBW

Linear Works RGBW LED modules are ideal for providing full colour spectrum lighting. With added white light options of 3000K or 6000K to the RGB light array, much brighter colours and more delicate shades can be produced, generating much more variety of colours to meet the most stringent lighting requirements. Especially suitable for entertainment applications, a wide range of lighting ambience and effects can be achieved to create the ultimate experience with colour changing light.







## tuneVHITE

Different lighting ambience by varying the white light CCT can be achieved with Linear Works tuneable-white LED modules. With tuneable CCT range from warm white of 2700K to cool white of 6500K, or from very warm white of 1800K to neutral white of 4000K, moods can be altered at different times to suit applications of the moment. Linear Works tuneWHITE LED modules requires 2 channel control and can be driven with DALI Device Type 8 drivers that utilises a single DALI short address to control 2 or more outputs for change of colour temperature. This reduces the number of DALI short addresses occupied and drivers needed physically, hence accomplishing simplicity and a cost-effective solution.





Light is an essential element that affects the human body circadian rhythm. With humans being indoors for extended periods of time, we often do not have adequate exposure to natural light from outdoors whereby natural light deficiencies have been known to disrupt human circadian rhythm. Furthermore, with the use of LED light sources, our exposure to blue light has increased dramatically and too much exposure of blue light especially at night has been widely associated with negative health effects and sleep disorders.



## LOW

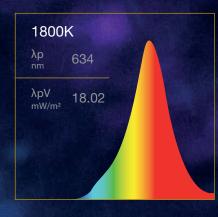
Blue Light

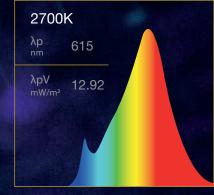
with tuneWHITE

Light is divided into visible light and non-visible light. The part where light can be perceived by human eyes is known as visible light that comprises wavelengths from 400nm to 700nm. Blue light is also known as high-energy visible (HEV) light, has the shortest wavelength in the visible light spectrum ranging from 400nm to 500nm.



Too much exposure to blue light causes disturbances to our circadian rhythm and eye fatigue. Over time, it leads to insomnia, poor quality of sleep, obesity, depression, and other metabolic disorders. Reducing blue light, especially in the evening can greatly improve human well-being and contributes to a healthier lifestyle.





Dynamic light over time solutions can prevent disruptions in human circadian rhythm and improve human well-being. Using ELR tuneWHITE 1800K – 4000K LED modules, higher colour temperatures (3000K – 4000K) that enhance alertness and productivity can be applied for activities during the day, while lower colour temperatures (1800K – 2700K) with low blue light can be applied in the evening to help our bodies unwind and secrete melatonin hormones, allowing us to relax and improve quality of sleep.

### INDOOR LIGHTING JOINERY







LP5F flat linear profile luminaire

	AVAILABLE OPTIONS	
	COLOUR OPTIONS	SILVER ANODIZED
	CCT OPTIONS	SINGLE CCT 2400K 2700K 3000K 3500K 4000K 5000K ProART
	WIRE END & EXIT CONFIGURATIONS OPTIONS	Single Wire End, End Cap Exit End Cap Exit
	ACCESSORIES	Magnetic Clip
PHOTOMETRICS	DIMENSIONS (MM)	
		39

Profile Type	5mm width aluminium linear profile
Profile Finishing	Silver Anodised
Cover	Diffused
Light Uniformity	Dot-less
Mounting	Surface, with stainless steel mounting clip
Beam Angle	110°
Compatible LED Module	FM5
CRI	ProART (CRI~95)
SDCM	3 step MacAdam ellipse binning
Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C
Voltage	24V DC
Maximum Power	15W/m
Length Options	503mm or 1000mm
Operating Temperature	Ta (min) = $-25^{\circ}$ C, Ta (max) = $+50^{\circ}$ C
Wire Connection	Supplied with insulated wires at 150mm length
IP Rating	IP40 or IP54
Profile LOR	22%

### SPECIFICATIONS

		Luminous Flux per meter (lm/m)										
сст	Efficacy	Default	With CVMPS150 Dip Switch Settings *									
001	(Im/W)	(Max.)	On "8"	On "7"	On "6"	On "5"	On "4"	On "3"	On "2"	On "1"		
		15W/m	13.5W/m	12W/m	10.5W/m	9W/m	7.5W/m	6W/m	4.5W/m	3W/m		
2400K	20.8	312	281	250	219	187	156	125	94	62		
2700K												
3000K	24.2	363	327	290	254	218	182	145	109	73		
3500K												
4000K	25.4	381	343	305	267	229	191	152	114	76		
5000K	20.4	381	343	305	207	229	191	152	114	76		
Correctio	on Factor	1.00	0.90	0.80	0.70	0.60	0.50	0.40	0.30	0.20		



#### ORDERING MATRIX

Profile		Finishing		Cover		Length LED Module Power & CCT		Wire End & Exit Configuration		Ingress Protection				
LP5F	SL	Silver Anodised	D	Diffused	500	500mm	15	15W/m	24	2400K	SE	Single Wire End, End Cap Exit	IP40	IP40
					1000	1000mm			27	2700K	DE	Double Wire End, End Cap Exit	IP54	IP54
									30	3000K				
									35	3500K				
									40	4000K				
									50	5000K				

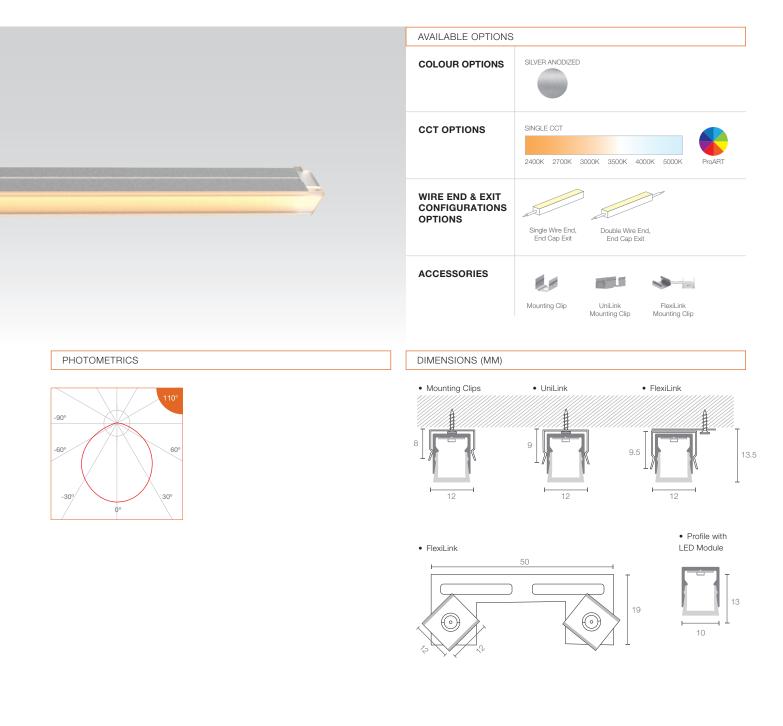
\*Every linear profiles is supplied with 2 mounting clips

Example: LP5F-SL-D-1000-15-30-SE-IP40

LP5F Profile, Silver Anodised, Diffused lens, 1000mm,with FM5 - 15W/m, 3000K, Single Wire End at End Cap Exit, IP40, Incuding 2 x End Cap & 2 x Mounting Clip



### LP10F flat linear profile luminaire



Profile Type	10mm width aluminium linear profile						
Profile Finishing	Silver Anodised						
Cover	Diffused						
Light Uniformity	Dot-less						
Mounting	Surface, with stainless steel mounting clip						
Beam Angle	110°						
Compatible LED Module	FM5						
CRI	ProART (CRI~95)						
SDCM	3 step MacAdam ellipse binning						
Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C						
Voltage	24V DC						
Maximum Power	15W/m						
Length Options	501mm or 1000mm						
Operating Temperature	Ta (min) = $-25^{\circ}$ C, Ta (max) = $+50^{\circ}$ C						
Wire Connection	Supplied with insulated wires at 150mm length						
IP Rating	IP40 or IP54						
Profile LOR	57%						

### SPECIFICATIONS

		Luminous Flux per meter (lm/m)											
сст	Efficacy	Default	With CVMPS150 Dip Switch Settings *										
001	(Im/W)	(Max.)	On "8"	On "7"	On "6"	On "5"	On "4"	On "3"	On "2"	On "1"			
		15W/m	13.5W/m	12W/m	10.5W/m	9W/m	7.5W/m	6W/m	4.5W/m	3W/m			
2400K	53.9	809	728	647	566	485	404	324	243	162			
2700K													
3000K	62.7	941	846	752	658	564	470	376	282	188			
3500K													
4000K	65.8	000	889	790	691	593	494	395	206	198			
5000K	65.8	988	009	190	091	293	494	395	296	190			
Correctio	on Factor	1.00	0.90	0.80	0.70	0.60	0.50	0.40	0.30	0.20			



#### ORDERING MATRIX

Profile		Finishing		Cover	Length		LED Module Power & CCT			& CCT	V	/ire End & Exit Configuration	Ingress Protection	
LP10F	SL	Silver Anodised	D	Diffused	500	500mm	15	15W/m	24	2400K	SE	Single Wire End, End Cap Exit	IP40	IP40
					1000	1000mm			27	2700K	DE	Double Wire End, End Cap Exit	IP54	IP54
									30	3000K				
									35	3500K				
									40	4000K				
									50	5000K				

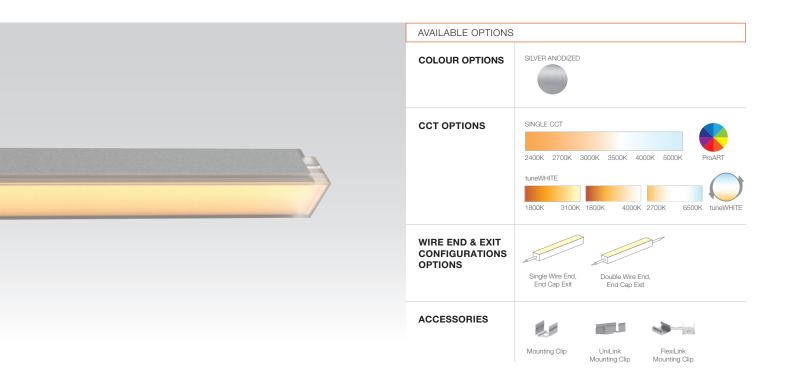
\*Every linear profiles is supplied with 2 mounting clips

Example: LP10F-SL-D-1000-15-30-SE-IP40

LP10F Profile, Silver Anodised, Diffused lens, 1000mm, with FM8 - 15W/m, 3000K, Single Wire End at End Cap Exit, IP40, Incuding 2 x End Cap & 2 x Mounting Clip



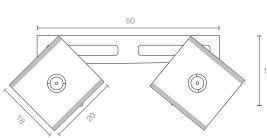
LP16Fflat linear profile luminaire



Profile Type	16mm width aluminium linear profile
Profile Finishing	Silver Anodised
Cover	Diffused
Light Uniformity	Dot-less
Mounting	Surface, with stainless steel mounting clip
Beam Angle	110°
Compatible LED Module	FM8, FM8TW
CRI	ProART (CRI~95)
SDCM	3 step MacAdam ellipse binning
Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C
Voltage	24V DC
Maximum Power	15W/m
Length Options	501mm or 1000mm
Operating Temperature	Ta (min) = $-25^{\circ}$ C, Ta (max) = $+50^{\circ}$ C
Wire Connection	Supplied with insulated wires at 150mm length
IP Rating	IP40 or IP54
Profile LOR	66%

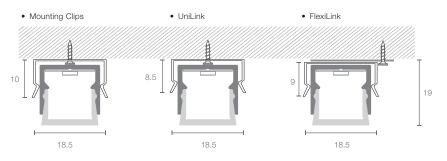
#### DIMENSIONS (MM)

• FlexiLink









#### PHOTOMETRICS



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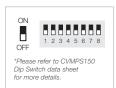
#### Joinery \_Indoor Lighting



#### SPECIFICATIONS

• Single CCT

		Luminous Flux per meter (lm/m)										
сст	Efficacy	Default	With CVMPS150 Dip Switch Settings *									
	(Im/W)	(Max.)	(Max.)	On "8"	On "7"	On "6"	On "5"	On "4"	On "3"	On "2"	On "1"	
		15W/m	13.5W/m	12W/m	10.5W/m	9W/m	7.5W/m	6W/m	4.5W/m	3W/m		
2400K	62.4	937	843	749	656	562	468	375	281	187		
2700K												
3000K	72.6	1089	980	871	762	564	545	436	327	218		
3500K												
4000K	76.2	1143	1029	915	800	686	572	457	343	229		
5000K	10.2	1143	1029	910	000	000	072	407	343	229		
Correctio	on Factor	1.00	0.90	0.80	0.70	0.60	0.50	0.40	0.30	0.20		



#### • tuneWHITE 1800K - 3100K

ССТ	Efficacy	Luminous Flux per meter (lm/m)							
	(im/W)	15W/m/Ch	10W/m/Ch	5W/m/Ch					
1800K	55.2	828	555	273					
3100K	72.6	1089	730	359					
Correctio	on Factor	1.00	0.67	0.33					

#### • tuneWHITE 1800K - 4000K

сст	Efficacy	Luminous Flux per meter (lm/m)							
001	(Im/W)	15W/m/Ch	10W/m/Ch	5W/m/Ch					
1800K	55.2	828	555	273					
4000K	76.2	76.2 1143		377					
Correctio	on Factor	1.00	0.67	0.33					

#### • tuneWHITE 2700K - 6500K

сст	Efficacy	Luminous Flux per meter (Im/m)							
001	(Im/W)	15W/m/Ch	10W/m/Ch	5W/m/Ch					
2700K	72.6	1089	730	359					
6500K	76.2	1143	766	377					
Correctio	on Factor	1.00	0.67	0.33					

#### Joinery \_Indoor Lighting



ORDERING MATRIX

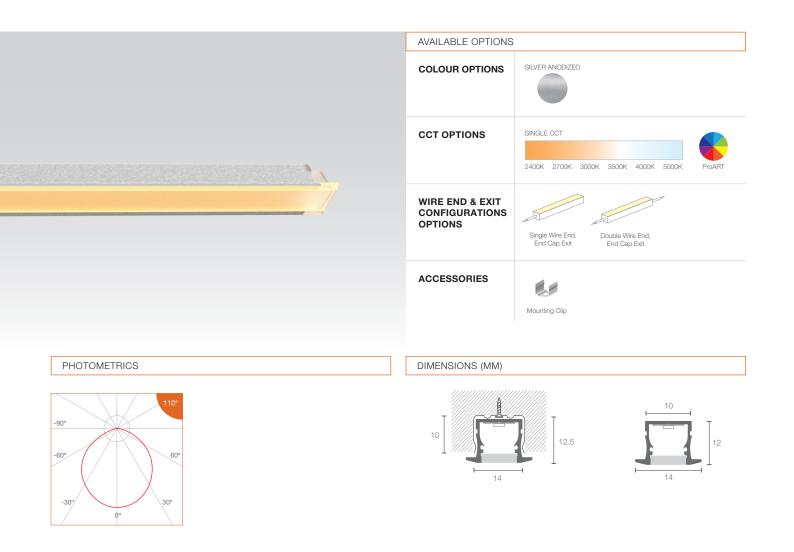
Profile		Finishing		Cover	L	.ength			LED Module	Power & C	ст	v	Vire End & Exit Configuration	Ingress Protection						
LP16F	SL	Silver Anodised	D	Diffused	500	500mm		15	15W/m	24	2400K	SE	Single Wire End, End Cap Exit	IP40	IP40					
					1000	1000mm	F			27	2700K	DE	Double Wire End, End Cap Exit	IP54	IP54					
							сст			30	3000K									
							Single	Jgle	algr	algr	Jgle	gle			35	3500K				
							ŝ			40	4000K									
										50	5000K									
							ш	15PC	15W/m/Ch	TW1831	tuneWHITE 1800K-3100K									
							tuneWHITE	10PC	10W/m/Ch	TW1840	tuneWHITE 1800K-4000K									
							tun	5PC	5W/m/Ch	TW2765	tuneWHITE 2700K-6500K									
*Every linear pro	l ofiles is s	upplied with 2 mounting	 g clips					1												

Example: LP16F-SL-D-1000-15-30-SE-IP40

LP16F Profile, Silver Anodised, Diffused cover, 1000mm, with FM8 - 15W/m, 3000K, Single Wire End at End Cap Exit, IP40, Incuding 2 x End Cap & 2 x Mounting Clip



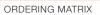
### LP10R recessed linear profile luminaire



Profile Type	14mm width aluminium linear profile
Profile Finishing	Silver Anodised
Cover	Diffused
Light Uniformity	Dot-less
Mounting	Surface, with stainless steel mounting clip
Beam Angle	110°
Compatible LED Module	FM5
CRI	ProART (CRI~95)
SDCM	3 step MacAdam ellipse binning
Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C
Voltage	24V DC
Maximum Power	15W/m
Length Options	501mm or 1000mm
Operating Temperature	Ta (min) = $-25^{\circ}$ C, Ta (max) = $+50^{\circ}$ C
Wire Connection	Supplied with insulated wires at 150mm length
IP Rating	IP40 or IP54
Profile LOR	39%

#### SPECIFICATIONS

		Luminous Flux per meter (lm/m)										
сст	Efficacy	Default	With CVMPS150 Dip Switch Settings *									
001	(Im/W)	(Max.)	On "8"	On "7"	On "6"	On "5"	On "4"	On "3"	On "2"	On "1"		
		15W/m	13.5W/m	12W/m	10.5W/m	9W/m	7.5W/m	6W/m	4.5W/m	3W/m		
2400K	36.9	553	498	443	387	332	277	221	166	111		
2700K												
3000K	42.9	644	579	515	450	386	322	257	193	129		
3500K												
4000K	45.0	070	608	541	100	405	000			135		
5000K	45.0	676	008	041	473	405	338	270	203	130		
Correctio	Correction Factor 1.00			0.80	0.70	0.60	0.50	0.40	0.30	0.20		



Profile		Finishing		Cover	l	Length	LED Module Power & CCT		Wire End & Exit Configuration		Clip Type		Ingress Protection			
LP10R	SL	Silver Anodised	D	Diffused	500	500mm	15	15W/m	24	2400K	SE	Single Wire End, End Cap Exit	MC	Mounting Clip	IP40	IP40
					1000	1000mm			27	2700K	DE	Double Wire End, End Cap Exit	SC	Spring Clip	IP54	IP54
									30	3000K						
									35	3500K						
									40	4000K						
									50	5000K						

\*Every linear profiles is supplied with 2 mounting clips

Example: LP10R-SL-D-1000-15-30-SE-MC-IP40

LP10R Profile, Silver Anodised, Diffused lens, 1000mm, with FM8 - 15W/m, 3000K, Single Wire End at End Cap Exit, IP40, Incuding 2 x End Cap & 2 x Mounting Clip

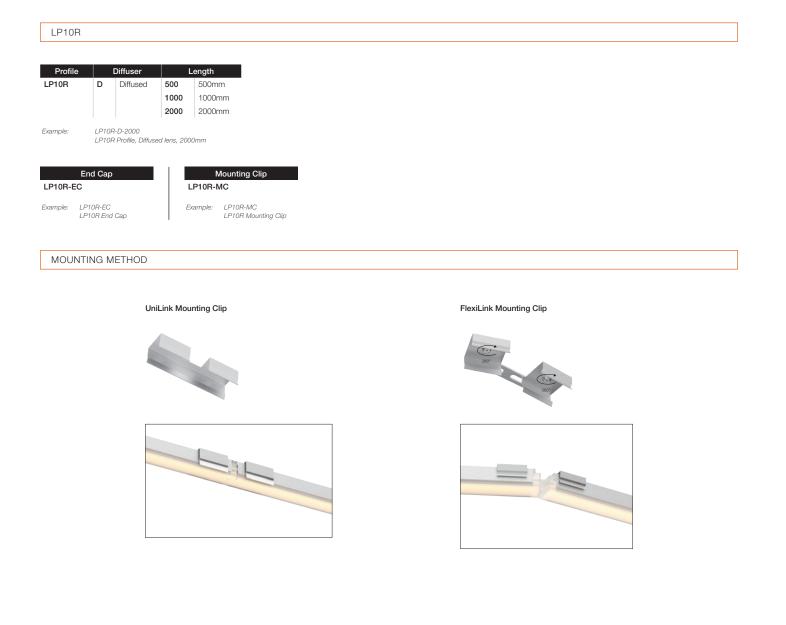




(Ordering Matrix for Separate Orders)

LP5F										
Profile		Diffuser		Length						
LP5F	D	Diffused	500	500mm						
		Dinacod	1000	1000mm						
			2000	2000mm						
Example:	LP5F	-D-1000								
,		Profile, Diffuse	d lens, 2000	)mm						
	End Cap	þ		Mounting Clip						
LP5F-EC			'	LP5F-MC						
	LP5F-EC	_	E	xample: LP5F-MC						
1	LP5F End	Cap	I	LP5F Magnetic Clip						
LP10F										
21 101										
Profile		Diffuser		Length						
LP10F	D	Diffused	500	500mm						
			1000 2000	1000mm 2000mm						
			2000	20001111						
Example:		F-D-1000 F Profile, Diffus	ed lens, 200	10mm						
	End Cap	)		Mounting Clip		UniLink Mounting C	lip	Variable Angle Cli	p	
LP10F-EC	;		17	LP10F-MC	LP1	0F-UMC		LP10F-FMC		
Example:	LP10F-EC		F	xample: LP10F-MC	Fxam	ole: LP10F-UMC		Example: LP10F-FMC		
	LP10F End			LP10F Mounting Clip	Dan	LP10F UniLink Mour	ting Clip	LP10F FlexiLink Mou	inting Clip	
LP16F										
Profile		Diffuser		Length						
LP16F	D	Diffused	500	500mm						
			1000	1000mm						
			2000	2000mm						
Example:		F-D-2000 F Profile, Diffus	ad lone 200	0000						
	LF 10	, , rome, Dillus		onnin						
<u> </u>	Fuel O			Maurahiran Oliv			tee l			
LP16F-EC	End Cap			Mounting Clip	I P1	UniLink Mounting C 6F-UMC	ip	FlexiLink Mounting C LP16F-FMC		
Example:	LP16F-EC LP16F End	d Cap	E	xample: LP16F-MC LP16F Mounting Clip	Exam	ole: LP16F-UMC LP16F UniLink Mour	tina Clip	Example: LP16F-FMC LP16F FlexiLink Mou	intina Clip	
			1		1		5 - 1		5 · r	

The information above is at nominal values accuracy of +/-7%. For the latest specifications please refer to the website.



# INDOOR LIGHTING



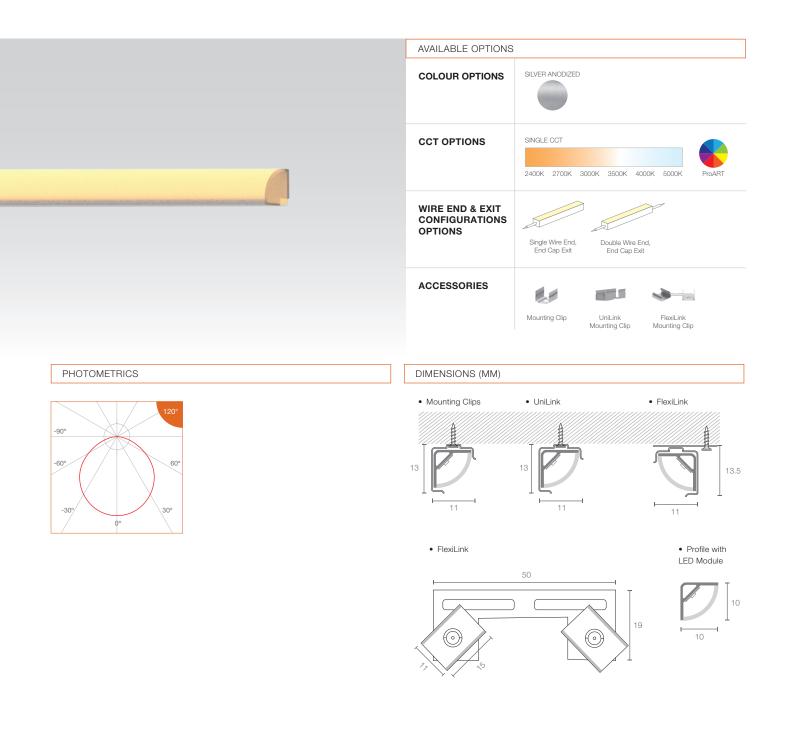








### LP10C corner linear profile luminaire



Profile Type	10mm width aluminium linear profile
Profile Finishing	Silver Anodised
Cover	Diffused
Light Uniformity	Dot-less
Mounting	Surface, with stainless steel mounting clip
Beam Angle	120°
Compatible LED Module	FM5
CRI	ProART (CRI~95)
SDCM	3 step MacAdam ellipse binning
Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C
Voltage	24V DC
Maximum Power	15W/m
Length Options	503mm or 1000mm
Operating Temperature	Ta (min) = $-25^{\circ}$ C, Ta (max) = $+50^{\circ}$ C
Wire Connection	Supplied with insulated wires at 150mm length
IP Rating	IP40 or IP54
Profile LOR	62%

### SPECIFICATIONS

					Luminou	s Flux per me	ter (lm/m)							
сст	Efficacy	Default	With CVMPS150 Dip Switch Settings *											
001	(Im/W)	(Max.)	On "8"	On "7"	On "6"	On "5"	On "4"	On "3"	On "2"	On "1"				
		15W/m	13.5W/m	12W/m	10.5W/m	9W/m	7.5W/m	6W/m	4.5W/m	3W/m				
2400K	58.7	880	792	704	616	528	440	352	264	176				
2700K														
3000K	68.2	1023	921	818	716	614	512	409	307	205				
3500K														
4000K	71.6	1074	967	859	752	644	537	430	322	215				
5000K	/1.0	1074	907	809	152	044	537	430	322	215				
Correctio	on Factor	1.00	0.90	0.80	0.70	0.60	0.50	0.40	0.30	0.20				

### ORDERING MATRIX

Profile	Finishing Cover		Length			LED Module Power & CCT				Wire End & Exit Configuration	Ingress Protection			
LP10C	SL	SL Silver Anodised D Diffused		500	500mm	15	15W/m	24	2400K	SE	Single Wire End, End Cap Exit	IP40	IP40	
					1000	1000mm			27	2700K	DE	Double Wire End, End Cap Exit	IP54	IP54
									30	3000K				
									35	3500K				
									40	4000K				
									50	5000K				

\*Every linear profiles is supplied with 2 mounting clips

Example: LP10C-SL-D-1000-15-30-SE-IP40

LP10C Profile, Silver Anodised, Diffused cover, 1000mm, with FM8 - 15W/m, 3000K, Single Wire End at End Cap Exit, IP40, Incuding 2 x End Cap & 2 x Mounting Clip



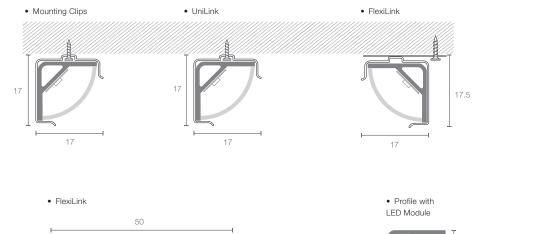


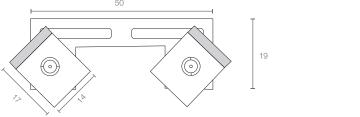
LP16C corner linear profile luminaire



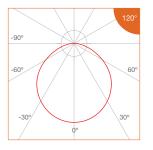
Profile Type	16mm width aluminium linear profile
Profile Finishing	Silver Anodised
Cover	Diffused
Light Uniformity	Dot-less
Mounting	Surface, with stainless steel mounting clip
Beam Angle	120°
Compatible LED Module	FM8, FM8TW
CRI	ProART (CRI~95)
SDCM	3 step MacAdam ellipse binning
Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C
Voltage	24V DC
Maximum Power	15W/m
Length Options	505mm or 1000mm
Operating Temperature	Ta (min) = -25°C, Ta (max) = +50°C
Wire Connection	Supplied with insulated wires at 150mm length
IP Rating	IP40 or IP54
Profile LOR	68%

### DIMENSIONS (MM)





### PHOTOMETRICS



16

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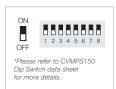
### Cove \_Indoor Lighting



### SPECIFICATIONS

• Single CCT

					Luminous	s Flux per me	ter (lm/m)						
ССТ	Efficacy	Default	Default With CVMPS150 Dip Switch Settings *										
001	(Im/W)	(Max.)	On "8"	On "7"	On "6"	On "5"	On "4"	On "3"	On "2"	On "1"			
		15W/m	13.5W/m	12W/m	10.5W/m	9W/m	7.5W/m	6W/m	4.5W/m	3W/m			
2400K	64.3	965	868	772	675	579	482	386	289	193			
2700K													
3000K	74.8	1122	1010	898	785	673	561	449	337	224			
3500K													
4000K	78.5	1178	1060	942	825	707	589	471	353	236			
5000K	76.5	1170	1000	942	020	101	009	471	303	230			
Correctio	on Factor	1.00	0.90	0.80	0.70	0.60	0.50	0.40	0.30	0.20			



### • tuneWHITE 1800K - 3100K

ССТ	Efficacy	Luminous	Luminous Flux per meter (Im/m)								
	(Im/W)	15W/m/Ch	10W/m/Ch	5W/m/Ch							
1800K	56.8	853	571	281							
3100K	74.8	1122	752	370							
Correctio	on Factor	1.00	0.67	0.33							

### • tuneWHITE 1800K - 4000K

сст	Efficacy	Luminous Flux per meter (lm/m)								
001	(Im/W)	15W/m/Ch	10W/m/Ch	5W/m/Ch						
1800K	56.8	853	571	281						
4000K	78.5	1178	789	389						
Correctio	on Factor	1.00	0.67	0.33						

### • tuneWHITE 2700K - 6500K

сст	Efficacy	Luminous Flux per meter (Im/m)								
CCI	(Im/W)	15W/m/Ch	10W/m/Ch	5W/m/Ch						
2700K	74.8	1122	752	370						
6500K	78.5	1178	789	389						
Correctio	on Factor	1.00	0.67	0.33						

### Cove \_Indoor Lighting



ORDERING MATRIX

Profile		Finishing		Cover	ι	ength		LED Module Power & CCT				Wire End & Exit Configuration			Ingress Protection	
LP16C	SL	Silver Anodised	D	Diffused	500	500mm		15	15W/m	24	2400K	SE	Single Wire End, End Cap Exit	IP40	IP40	
					1000	1000mm	⊢			27	2700K	DE	Double Wire End, End Cap Exit	IP54	IP54	
							ССТ			30	3000K					
							Single			35	3500K					
							ŝ			40	4000K					
										50	5000K					
							ш	15PC	15W/m/Ch	TW1831	tuneWHITE 1800K-3100K	-				
							tuneWHITE	10PC	10W/m/Ch	TW1840	tuneWHITE 1800K-4000K					
							tun	5PC	5W/m/Ch	TW2765	tuneWHITE 2700K-6500K					

\*Every linear profiles is supplied with 2 mounting clips

Example: LP16C-SL-D-1000-15-30-SE-IP40

LP16C Profile, Silver Anodised, Diffused lens, 1000mm, with FM8 - 15W/m, 3000K, Single Wire End at End Cap Exit, IP40, Incuding 2 x End Cap & 2 x Mounting Clip

## LINEAR PROFILE AND ACCESSORIES

(Ordering Matrix for Separate Orders)

P100	2						
Profile	•	Diffuser		Length			
LP10C	D	Diffused	500	500mm			
			1000	1000mm			
			2000	2000mm			
xample:		C-D-2000 C Profile, Diffuse	nd lens 200	00mm			
	21100	o r romo, Emace					
	End Cap			Mounting Clip		UniLink Mounting Clip	FlexiLink Mounting Clip
_P10C-E0			1	LP10C-MC	LP10	DC-UMC	LP10C-FMC
	1 P100 E0		6	ivamplo: LP10C_MC	Exami	DO: L RIOC LIMC	Example: I R10C EMC
ample:	LP10C-EC LP10C End		E	xample: LP10C-MC LP10C Mounting Clip	Examp	ole: LP10C-UMC LP10C UniLink Mounting Clip	Example: LP10C-FMC LP10C FlexiLink Mounting Clip
xample:	LP10C End		E		Examp		
Example:	LP10C End	l Cap		LP10C Mounting Clip	Examp		
Example: LP16C	LP10C End	l Cap Diffuser		LP10C Mounting Clip	Examp		
ixample: LP16C Profile	LP10C End	l Cap		LP10C Mounting Clip	Examp		
Example: LP16C Profile	LP10C End	l Cap Diffuser	500	Length	Examp		
Example:	LP10C Enc D LP16(	Diffuser Diffused Diffused	500 1000 2000	Length 500mm 1000mm 2000mm	Examp		
Example: LP16C Profile LP16C	LP10C Enc D LP16(	Diffuser Diffused	500 1000 2000	Length 500mm 1000mm 2000mm	Examp		
Example: LP16C Profile LP16C Example:	D LP10C Enc D LP160 LP160	Diffuser Diffused Diffused C-D-2000 C Profile, Diffuse	500 1000 2000	Length 500mm 1000mm 2000mm	Examp	LP10C UniLink Mounting Clip	LP10C FlexiLink Mounting Clip
Example: LP16C Profile LP16C Example:	D D LP160 LP160 LP160 End Cap	Diffuser Diffused Diffused C-D-2000 C Profile, Diffuse	500 1000 2000 ad lens, 200	Length 500mm 1000mm 2000mm Mounting Clip		LP10C UniLink Mounting Clip	FlexiLink Mounting Clip
Example: LP16C Profile LP16C Example:	D D LP160 LP160 LP160 End Cap	Diffuser Diffused Diffused C-D-2000 C Profile, Diffuse	500 1000 2000 ad lens, 200	Length 500mm 1000mm 2000mm		LP10C UniLink Mounting Clip	LP10C FlexiLink Mounting Clip



### MOUNTING METHOD

### UniLink Mounting Clip





### FlexiLink Mounting Clip





## INDOOR LIGHTING GRAZER / WALLWASH

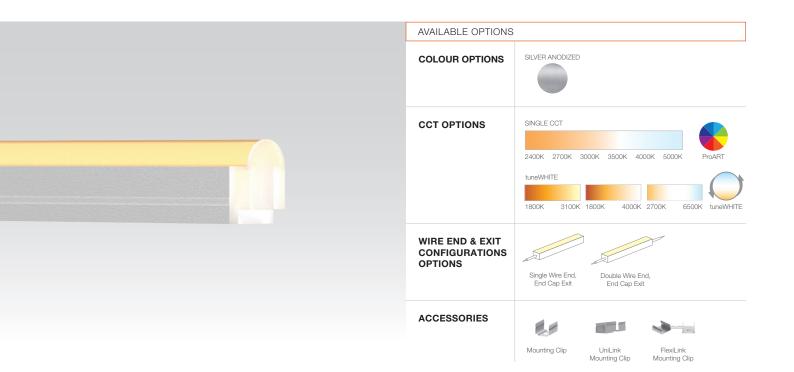


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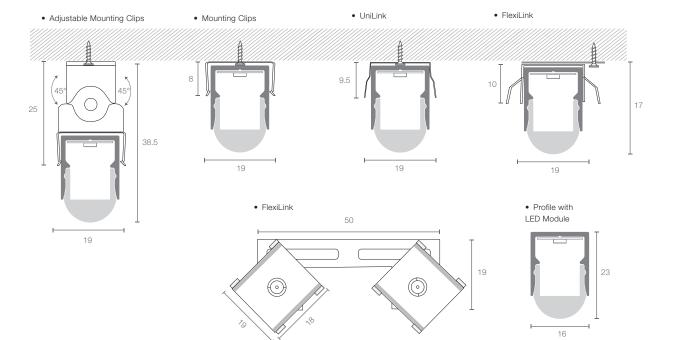




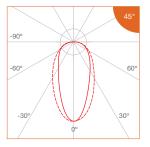


Profile Type	15.5mm width aluminium linear profile
Profile Finishing	Silver Anodised
Cover	Diffused
Light Uniformity	Lightly dot-visible
Mounting	Surface, with stainless steel mounting clip
Beam Angle	45°
Compatible LED Module	FM8, FM8TW
CRI	ProART (CRI~95)
SDCM	3 step MacAdam ellipse binning
Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C
Voltage	24V DC
Maximum Power	15W/m
Length Options	505mm or 1000mm
Operating Temperature	Ta (min) = -20°C, Ta (max) = +50°C
Wire Connection	Supplied with insulated wires at 150mm length
IP Rating	IP40 or IP54
Profile LOR	49% on 45° Beam Angle

### DIMENSIONS (MM)



### PHOTOMETRICS



### 47

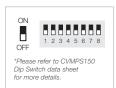
### Grazer/ Wallwash \_Indoor Lighting



### SPECIFICATIONS

### • Single CCT

			Luminous Flux per meter (lm/m)											
Beam	сст	Efficacy	Default	Default With CVMPS150 Dip Switch Settings *										
Angle	Angle	(Im/W)	(Max.)	On "8"	On "7"	On "6"	On "5"	On "4"	On "3"	On "2"	On "1"			
			15W/m	13.5W/m	12W/m	10.5W/m	9W/m	7.5W/m	6W/m	4.5W/m	3W/m			
	2400K	46.4	695	626	556	487	417	348	278	209	139			
	2700K													
45°	3000K	53.9	809	728	647	566	485	404	323	243	162			
45	3500K													
	4000K	56.6	849	764	679	594	509	424	340	255	170			
	5000K	50.0	049	7.04	079		309	424	340	200	170			
	Correction Factor	or	1.00	0.90	0.80	0.70	0.60	0.50	0.40	0.30	0.20			



### • tuneWHITE 1800K - 3100K

Beam	сст	Efficacy	Luminous	s Flux per me	ter (lm/m)
Angle		(Im/W)	15W/m/Ch	10W/m/Ch	5W/m/Ch
45°	1800K	41.0	614	412	203
45	3100K	53.9	809	542	267
	Correction Fac	tor	1.00	0.67	0.33

### • tuneWHITE 1800K - 4000K

Beam	сст	Efficacy	Luminous Flux per meter (lm/m)						
Angle		(Im/W)	15W/m/Ch	10W/m/Ch	5W/m/Ch				
45°	1800K	1800K 41.0		412	203				
45	4000K	56.6	849	569	280				
	Correction Fac	tor	1.00	0.67	0.33				

### • tuneWHITE 2700K - 6500K

Beam	сст	Efficacy	Luminous	s Flux per me	ter (lm/m)	
Angle		(Im/W)	15W/m/Ch	10W/m/Ch	5W/m/Ch	
45°	2700K	700K 53.9		542	267	
45	6500K	56.6	849	569	280	
	Correction Fac	tor	1.00	0.67	0.33	

### ORDERING MATRIX

	1		1		1		1					1		1	
Profile		Finishing	Be	am Angle	1	ength			LED Module I	Power & C	СТ	v v	Vire End & Exit Configuration	Ingress	Protection
LP16G	SL	Silver Anodised	45	45°	500	500mm		15	15W/m	24	2400K	SE	Single Wire End, End Cap Exit	IP40	IP40
					1000	1000mm	F			27	2700K	DE	Double Wire End, End Cap Exit	IP54	IP54
							CCT			30	3000K				
							Single			35	3500K				
							ö			40	4000K				
										50	5000K				
							ш	15PC	15W/m/Ch	TW1831	tuneWHITE 1800K-3100K				
							tuneWHITE	10PC	10W/m/Ch	TW1840	tuneWHITE 1800K-4000K				
							tun	5PC	5W/m/Ch	TW2765	tuneWHITE 2700K-6500K				

\*Every linear profiles is supplied with 2 mounting clips

Example: LP16G-SL-45-1000-15-30-SE-MC-IP40

LP16G Profile, Silver Anodised, Beam Angle 45°, 1000mm, with FM8 - 15W/m, 3000K, Single Wire End at End Cap Exit, IP40, Incuding 2 x End Cap & 2 x Mounting Clip



### LINEAR PROFILE AND ACCESSORIES (Ordering Matrix for Separate Orders)

LP16G	
Profile Diffuser Length	
LP16G D Diffused 500 500mm	
<b>1000</b> 1000mm	
<b>2000</b> 2000mm	
Example: LP16G-D-2000	
LP16G Profile, Diffused lens, 2000mm	
End Cap LP16G-EC	
Example: LP16G-EC LP16G End Cap	
Mounting Clip         Adjustable Mounting Clip           LP16G-MC         Adjustable Mounting Clip         LP	UniLink Mounting Clip FlexiLink Mounting Clip 16G-UMC LP16G-FMC
xample: LP16G-MC Example: LP16G-AMC Example: LP16G Mounting Clip LP16G Adjustable Mounting Clip	mple: LP16G-UMC Example: LP16G-FMC LP16G UniLink Mounting Clip LP16G FlexiLink Mounting Clip
MOUNTING METHOD	
UniLink Mounting Clip	FlexiLink Mounting Clip
	(TO)
	307
	300 300
	3601
18	

## INDOOR LIGHTING Flexible linear

LF10TB 919 lm/m 52



54



LF12TB 790 lm/m 56

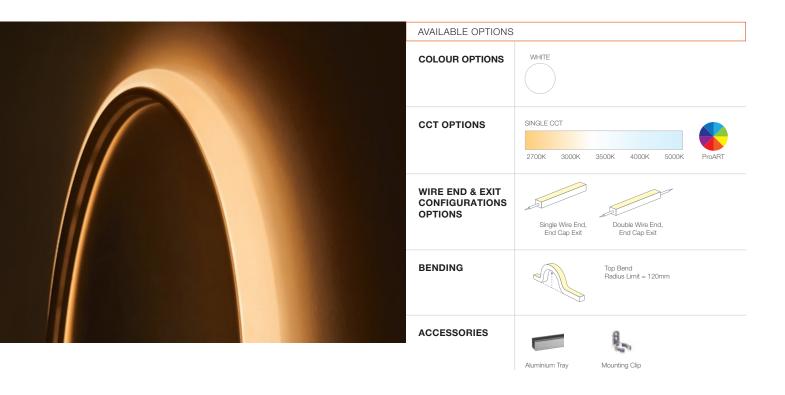


LF16TB 849 lm/m 58

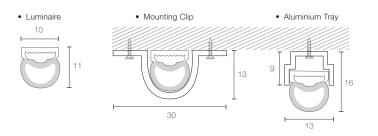




# LF10TB flexible top bend linear luminaire



### DIMENSIONS (MM)



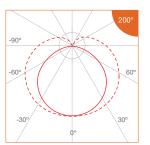
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Туре	10mm width semi round flexible silicone linear LED luminaire
Finishing	White
Cover	Diffused
Light Uniformity	Dotless
Mounting	Mounting clip or aluminium tray
Beam Angle	200°
Power Options	15W/m, 10W/m, 5W/m
CRI	ProART (CRI~95)
SDCM	3 step MacAdam ellipse binning (light source)
Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C
Voltage	24V DC
Length Options	1000mm, 2000mm, 3000mm, 4000mm, 5000mm
Operating Temperature	Ta (min) = -25-50°C Ta (max) = +55°C (5W/m) / +45°C (10W/m) / +35°C (15W/m)
Wire Connection	Supplied with open ended wires at 120mm length
IP Rating	IP54

### SPECIFICATIONS

ССТ	Efficacy	Luminous	s Flux per me	ter (lm/m)
	(Im/W)	15W/m	10W/m	5W/m
2700K				
3000K	58.3	875	586	289
3500K				
4000K	61.3	919	616	303
5000K	01.5	313	010	505
Correctio	on Factor	1.00	0.67	0.33

### PHOTOMETRICS



### ORDERING MATRIX

Profile	Fini	shing		Cover	Le	ength	LED Power & CCT			Wire End & Exit Configuration	Ingres	s Protection		
LF10TB	WH	White	D	Diffused	1000	1000mm	15	15W/m	27	2700K	SE	Single Wire End, End Cap Exit	IP54	IP54
					2000	2000mm	10	10W/m	30	3000K	DE	Double Wire End, End Cap Exit		
					3000	3000mm	5	5W/m	35	3500K				
					4000	4000mm			40	4000K				
					5000	5000mm			50	5000K				

\*Mounting accessories for neon flex luminaires are not included and to be ordered seperately

Example:

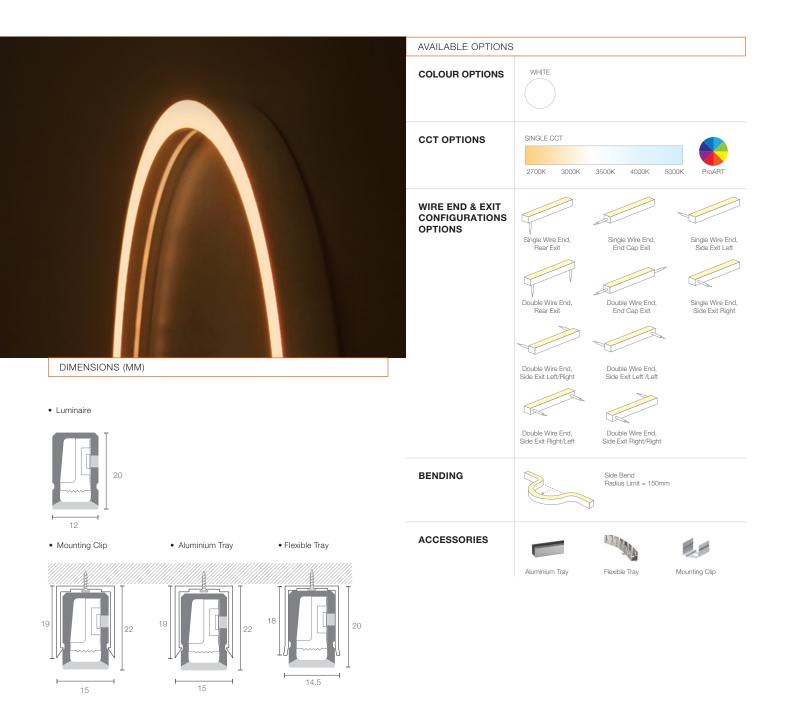
LF10TB-WH-D-1000-15-30-SE-IP54 LF10TB Neon Flex, White, Diffused Cover, 1000mm, 15W/m, 3000K, Single Wire End at End Cap Exit, IP54

### • Accessories

I	Mounting Clip	Aluminium	Tray		Finishing		Length
LF10TB	-MC	LF10TB-AT	SL	L	Silver	1000	1000mm
Example:	LF10TB-MC LF10TB Mounting Clip	Example:			R-AT-SL-1000 Aluminium Tray, Silver,	1000mm	



## LF12SB flexible side bend linear luminaire

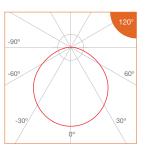


Туре	11mm width flexible silicone linear LED luminaire
Finishing	White
Cover	Diffused
Light Uniformity	Dotless
Mounting	Mounting clip, aluminium tray or flexible tray
Beam Angle	120°
Power Options	15W/m, 10W/m, 5W/m
CRI	ProART (CRI~95)
SDCM	3 step MacAdam ellipse binning (light source)
Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C
Voltage	24V DC
Length Options	1000mm, 2000mm, 3000mm, 4000mm, 5000mm
Operating Temperature	Ta (min) = -25-50°C Ta (max) = +55°C (5W/m) / +45°C (10W/m) / +35°C (15W/m)
Wire Connection	Supplied with open ended wires at 120mm length
IP Rating	IP65

### SPECIFICATIONS

сст	Efficacy	Luminous Flux per meter (lm/m)							
	(Im/W)	15W/m	10W/m	5W/m					
2700K									
3000K	30.8	462	310	152					
3500K									
4000K	32.3	485	325	160					
5000K	32.3	400	320	100					
Correctio	on Factor	1.00	0.67	0.33					

### PHOTOMETRICS



### ORDERING MATRIX

Profile	Finishing		Cover		Length		LED Modu	ule Power & CCT			Wire End & Exit Configuration		gress ection
LF12SB	WH White	D	Diffused	1000	1000mm	15	15W/m	27	2700K	SE	Single Wire End, End Cap Exit	IP65	IP65
				2000	2000mm	10	10W/m	30	3000K	DE	Double Wire End, End Cap Exit		
				3000	3000mm	5	5W/m	35	3500K	SR	Single Wire End, Rear Exit		
				4000	4000mm			40	4000K	DR	Double Wire End, Rear Exit		
				5000	5000mm			50	5000K	SSL	Single Wire End, Side Exit Left		
										SSR	Single Wire End, Side Exit Right		
										DSLR	Double Wire End, Side Exit Left/Right		
										DSRL	Double Wire End, Side Exit Right/Left		
										DSLL	Double Wire End, Side Exit Left/Left		
										DSRR	Double Wire End, Side Exit Right/Right		

\*Mounting accessories for neon flex luminaires are not included and to be ordered seperately

LF12SB-WH-D-1000-15-30-SE-IP65 Example:

LF12SB Neon Flex, White, Diffused Cover, 1000mm, 15W/m, 3000K, Single Wire End at End Cap Exit, IP65

### Accessories

Mounting Clip		Aluminium Tray	F	inishing		Length
LF12SB-MC		LF12SB-AT	SL	Silver	1000	1000mm
Example: LF12SB-MC LF12SB Mounting	Clip	Example:		B-AT-SL-1000 B Aluminium Tr		000mm

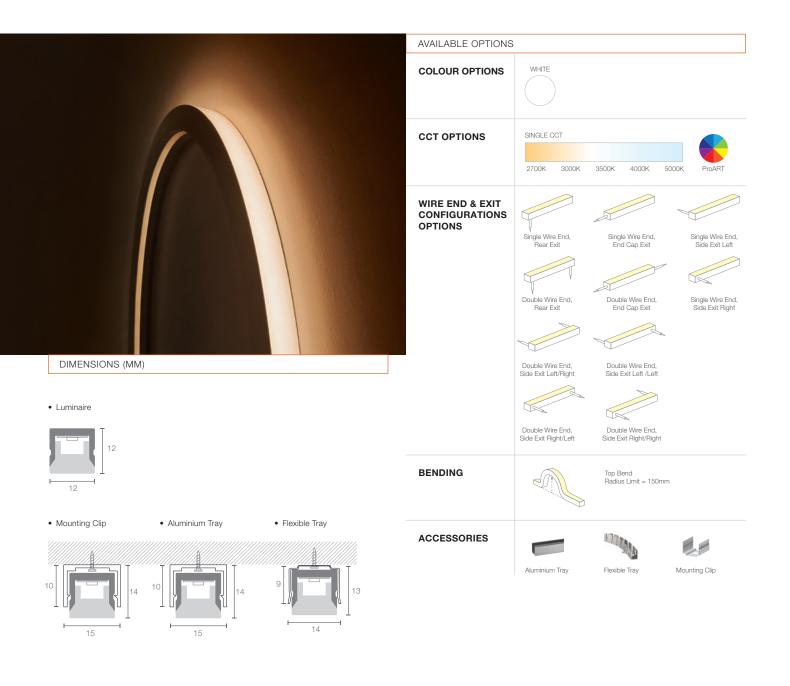


Length

1000mm



# LF12TB flexible top bend linear luminaire

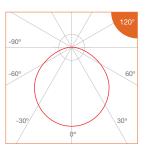


Туре	12mm width flexible silicone linear LED luminaire
Finishing	White
Cover	Diffused
Light Uniformity	Dotless
Mounting	Mounting clip, aluminium tray or flexible tray
Beam Angle	120°
Power Options	15W/m, 10W/m, 5W/m
CRI	ProART (CRI~95)
SDCM	3 step MacAdam ellipse binning (light source)
Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C
Voltage	24V DC
Length Options	1000mm, 2000mm, 3000mm, 4000mm, 5000mm
Operating Temperature	Ta (min) = -25-50°C Ta (max) = +55°C (5W/m) / +45°C (10W/m) / +35°C (15W/m)
Wire Connection	Supplied with open ended wires at 120mm length
IP Rating	IP65

### SPECIFICATIONS

сст	Efficacy	Luminous Flux per meter (Im/m)								
	(Im/W)	15W/m	10W/m	5W/m						
2700K										
3000K	50.1	752	504	248						
3500K										
4000K	52.6	790	529	261						
5000K	52.0	790	529	201						
Correctio	on Factor	1.00	0.67	0.33						

### PHOTOMETRICS



### ORDERING MATRIX

Profile		inishing		Cover		Length		LED Module Power & CCT		Wire End & Exit Configuration			ress ection	
LF12TB	WH	White	D	Diffused	1000	1000mm	15	15W/m	27	2700K	SE	Single Wire End, End Cap Exit	IP65	IP65
					2000	2000mm	10	10W/m	30	3000K	DE	Double Wire End, End Cap Exit		
					3000	3000mm	5	5W/m	35	3500K	SR	Single Wire End, Rear Exit		
					4000	4000mm			40	4000K	DR	Double Wire End, Rear Exit		
					5000	5000mm			50	5000K	SSL	Single Wire End, Side Exit Left		
											SSR	Single Wire End, Side Exit Right		
											DSLR	Double Wire End, Side Exit Left/Right		
											DSRL Double Wire End, Side Exit Right/Left			
											DSLL Double Wire End, Side Exit Left/Left			
											DSRR Double Wire End, Side Exit Right/Right			

\*Mounting accessories for neon flex luminaires are not included and to be ordered seperately

Example: LF12TB-WH-D-1000-15-30-SE-IP65

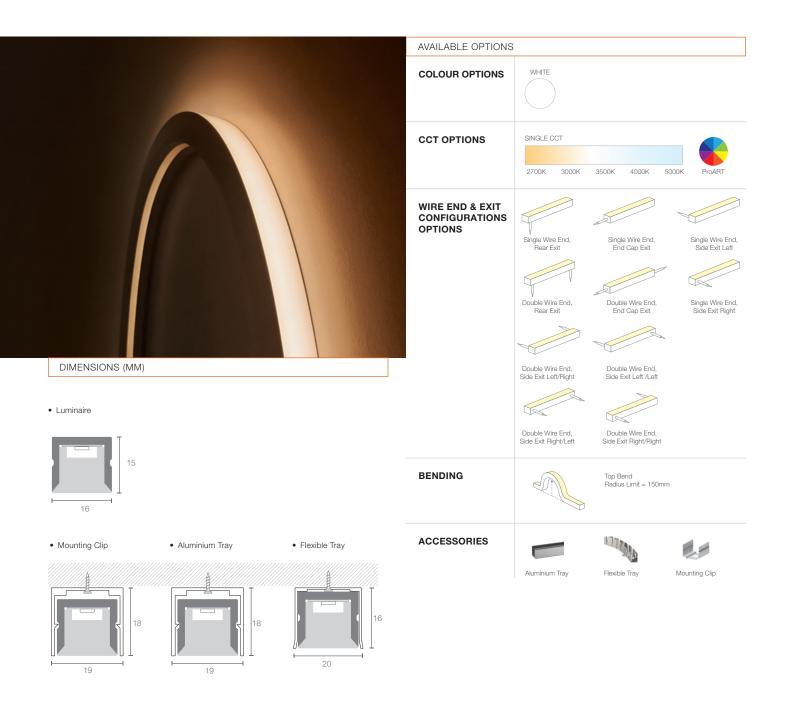
LF12TB Neon Flex, White, Diffused Cover, 1000mm, 15W/m, 3000K, Single Wire End at End Cap Exit, IP65

### Accessories

Mounting Clip		Aluminium Tray		Finishing		Length		Flexible Tray	Finishing		Length	
LF12TB-MC	0	LF12TB-AT	SL	Silver	1000	1000mm		LF12TB-FT	SL	Silver	1000	1000mm
	F12TB-MC F12TB Mounting Clip	Example:		B-AT-SL-1000 B Aluminium Tray,	Silver, 100	) 00mm		Example:		 B-FT-SL-1000 B Flexible Tray, Silv	er, 1000m	m



# LF16TB flexible top bend linear luminaire

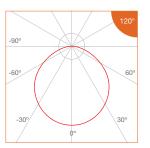


Туре	16mm width flexible silicone linear LED luminaire
Finishing	White
Cover	Diffused
Light Uniformity	Dotless
Mounting	Mounting clip, aluminium tray or flexible tray
Beam Angle	120°
Power Options	15W/m, 10W/m, 5W/m
CRI	ProART (CRI~95)
SDCM	3 step MacAdam ellipse binning (light source)
Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C
Voltage	24V DC
Length Options	1000mm, 2000mm, 3000mm, 4000mm, 5000mm
Operating Temperature	Ta (min) = -25-50°C Ta (max) = +55°C (5W/m) / +45°C (10W/m) / +35°C (15W/m)
Wire Connection	Supplied with open ended wires at 120mm length
IP Rating	IP65

### SPECIFICATIONS

сст	Efficacy	Luminous	Luminous Flux per meter (Im/m)									
001	(Im/W)	15W/m	10W/m	5W/m								
2700K												
3000K	53.9	809	542	267								
3500K												
4000K	56.6	849	569	280								
5000K	50.0	049	009	200								
Correctio	on Factor	1.00	0.67	0.33								

### PHOTOMETRICS



### ORDERING MATRIX

Profile		Finishing		Cover		Length	1	LED Module	Power	& CCT		Wire End & Exit Configuration		gress ection
LF16TB	WH	White	D	Diffused	1000	1000mm	15	15W/m	27	2700K	SE	Single Wire End, End Cap Exit	IP65	IP65
					2000	2000mm	10	10W/m	30	3000K	DE	Double Wire End, End Cap Exit		
					3000	3000mm	5	5W/m	35	3500K	SR	Single Wire End, Rear Exit		
					4000	4000mm			40	4000K	DR Double Wire End, Rear Exit			
					5000	5000mm			50	5000K	SSL	Single Wire End, Side Exit Left		
											SSR	Single Wire End, Side Exit Right		
											DSLR	Double Wire End, Side Exit Left/Right		
											DSRL	Double Wire End, Side Exit Right/Left		
											DSLL Double Wire End, Side Exit Left/Left			
											DSRR	Double Wire End, Side Exit Right/Right		

\*Mounting accessories for neon flex luminaires are not included and to be ordered seperately

Example: LF16TB-WH-D-1000-15-30-SE-IP65

LF16TB Neon Flex, White, Diffused cover, 1000mm, 15W/m, 3000K, Single Wire End at End Cap Exit, IP65

### Accessories

Mounting Clip	Aluminium Tray	Finishing		Length		Flexible Tray	ay Finishing		Length	
LF16TB-MC	LF16TB-AT	SL	Silver	1000	1000mm	LF16TB-FT	SL	Silver	1000	1000mm
Example: LF16TB-MC LF16TB Mounting Clip	Example:		 B-AT-SL-1000 B Aluminium Tra	ay, Silver, 1	000mm	Example:		B-FT-SL-1000 B Flexible Tray, 3	Silver, 100	) Omm

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## WORKSPACE LIGHTING downlight



LT42F 3558 lm/m

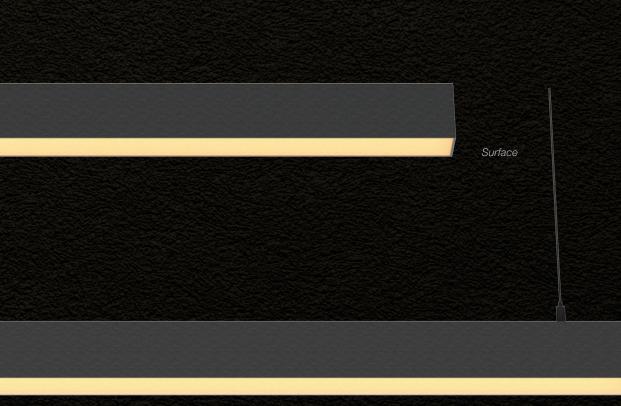


3968 lm/m



LT65FUL 3605 lm/m 70

Trimless Recessed



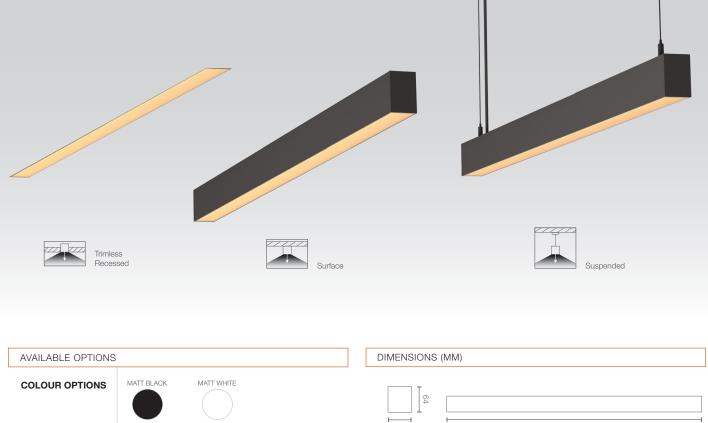
Suspended





## LT42F PROFILE

### FLAT LINEAR TASK LUMINAIRE



875 (17W), 1135 (21W), 1475 (30W)

CCT OPTIONS

SINGLE CCT

3000K

3100K

3500K

1800K

4000K

4000K 2700K

5000K

ProAR1

6500K tuneWHITE

2700K

1800K

tuneWHITE

Туре	42mm width Individual high-efficiency linear LED luminaire
Material	Aluminium and PMMA
Finishing	Matt Black / Matt White
Cover	Diffused
Light Uniformity	Dot-less
Mounting	Surface, suspended, or trimless recessed
CRI	ProART
SDCM	3 step MacAdam ellipse binning
Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C
Voltage	220-240V AC
Power (Length) Options	17W (875mm), 21W (1135mm), 30W (1475mm)
Beam Angle	110°
Operating Temperature	Ta (min) = $-20^{\circ}$ C, Ta (max) = $+50^{\circ}$ C
Wire Connection	Push-pin terminals
IP Rating	IP20

### PHOTOMETRICS



### Downlight\_ Workspace Lighting



### SPECIFICATIONS

Single CCT

сст	Efficacy	Luminous Flux (Im)								
CCI	(Im/W)	30W (1475mm)	21W (1135mm)	17W (875mm)						
2700K										
3000K	112.9	3388	2372	1920						
3500K										
4000K	118.6	3558	2490	2016						
5000K	110.0	3556	2490	2010						

### • tuneWHITE 1800K - 3100K

сст	Efficacy	Luminous Flux (lm)						
	(lm/W) 30W (1475m)		21W (1135mm)	17W (875mm)				
1800K	107.6	3227	2259	1829				
3100K	112.9	3388	2372	1920				

### • tuneWHITE 1800K - 4000K

ССТ	Efficacy	Luminous Flux (lm)						
	(im/W)	30W (1475mm)	21W (1135mm)	17W (875mm)				
1800K	107.6	3227	2259	1829				
4000K	118.6	3558	2490	2016				

### • tuneWHITE 2700K - 6500K

сст	Efficacy	Luminous Flux (Im)						
001	(Im/W)	30W (1475mm)	21W (1135mm)	17W (875mm)				
2700K	112.9	3388	2372	1920				
6500K	118.6	3558	2490	2016				

### $\mathbb{N}$

### Downlight\_ Workspace Lighting

### ORDERING MATRIX

Model		Finishing		Mounting		Power	Bea	am Angle		cc	т		Driver
LT42F	WH	Matt White	SM	Surface	17	17W (875mm)	110	110°		27	2700K	ND	Non-dim
	MB	Matt Black	PM	Suspended	21	21W (1135mm)			сст	30	3000K	DA	DALI
			RM	Trimless Recessed	30	30W (1475mm)			gle C	35	3500K		
									Single	40	4000K		
										50	5000K		
									Щ	TW1831	tuneWHITE 1800K-3100K		
									tuneWHITE	TW1840	tuneWHITE 1800K-4000K	DA	DALI
									tur	TW2765	tuneWHITE 2700K-6500K		

Example:

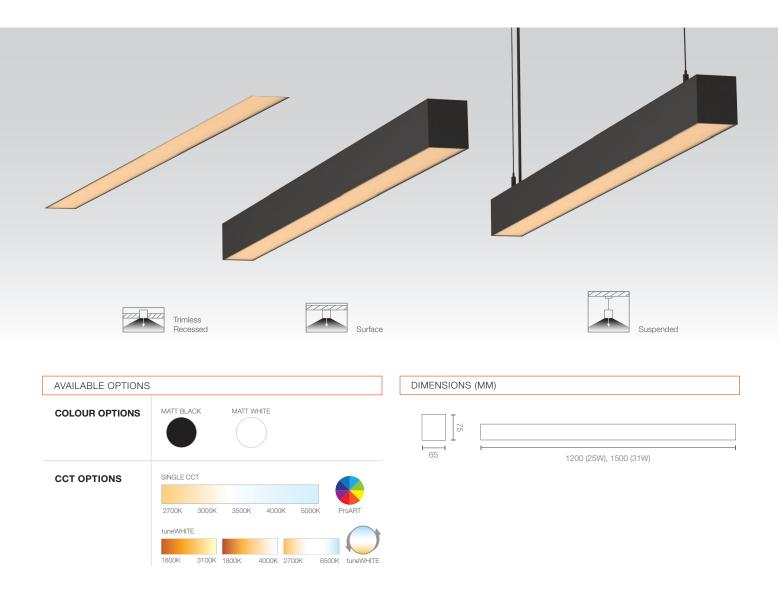
LT42F-MB-SM-17-110-40-ND

LT42F Linear Task Luminaire, Matt Black, Surface Mounted, 17W (875mm), 110° Beam Angle, 4000K, Non-dim



## LT65F PROFILE

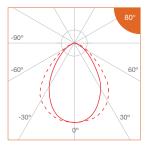
### FLAT LINEAR TASK LUMINAIRE





Туре	65mm width high-efficiency linear LED luminaire with interlocking mechanism for continuous application
Material	Aluminium and PC
Finishing	Matt Black / Matt White
Cover	Micro-prismatic
Light Uniformity	Dot-less
Mounting	Surface, suspended, or trimless recessed
CRI	ProART
SDCM	3 step MacAdam ellipse binning
Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C
Voltage	220-240V AC
Power (Length)	25W (1200mm), 31W (1500mm)
Beam Angle	80°
Operating Temperature	Ta (min) = $-20^{\circ}$ C, Ta (max) = $+50^{\circ}$ C
Wire Connection	Push-pin terminals
IP Rating	IP20
Unfied Glare Rating	UGR<19

### PHOTOMETRICS



### Downlight\_ Workspace Lighting

### SPECIFICATIONS

### • Single CCT

сст	Efficacy	Luminous Flux (Im)				
CCI	(Im/W)	31W (1500mm)	25W (1200mm)			
2700K						
3000K	121.9	3779	3048			
3500K						
4000K	128.0	3968	3200			
5000K	120.0	3900	3200			

### • tuneWHITE 1800K - 3100K

сст	Efficacy	Luminous Flux (Im)					
001	(im/W)	31W (1500mm)	25W (1200mm)				
1800K	116.1	3600	2903				
3100K	121.9	3780	3048				

### • tuneWHITE 1800K - 4000K

сст	Efficacy	Luminous Flux (Im)					
	(lm/W)	31W (1500mm)	25W (1200mm)				
1800K	116.1	3600	2903				
4000K	128.0	3968	3200				

### • tuneWHITE 2700K - 6500K

сст	Efficacy	Luminous Flux (Im)					
001	(Im/W)	31W (1500mm)	25W (1200mm)				
2700K	121.9	3779	3048				
6500K	128.0	3968	3200				



### $\mathbb{N}$

### Downlight\_ Workspace Lighting

### ORDERING MATRIX

Model		Finishing		Mounting		Power	Bea	am Angle		cc	т		Driver
LT65F	WH	Matt White	SM	Surface	25	25W (1200mm)	80	80°		27	2700K	ND	Non-dim
	MB	Matt Black	PM	Suspended	31	31W (1500mm)			сст	30	3000K	DA	DALI
			RM	Trimless Recessed					ale C	35	3500K		
									Single (	40	4000K		
										50	5000K		
									Щ	TW1831	tuneWHITE 1800K-3100K		
									tuneWHITE	TW1840	tuneWHITE 1800K-4000K	DA	DALI
									tur	TW2765	tuneWHITE 2700K-6500K		

Example:

LT65F-MB-SM-25-80-40-ND

LT65F Linear Task Luminaire, Matt Black, Surface Mounted, 25W (1200mm), 80° Beam Angle, 4000K, Non-dim



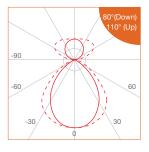
## LT65FUL PROFILE FLAT LINEAR TASK LUMINAIRE WITH UP LIGHT

	AVAILABLE OPTIONS	
	COLOUR OPTIONS	MATT BLACK MATT WHITE
MOUNTING	CCT OPTIONS	SINGLE CCT 2700K 3000K 3500K 4000K 5000K ProART tuneWHITE 1800K 3100K 1800K 4000K 2700K 6500K tuneWHITE
Suspended	DIMENSIONS (MM)	
		1200 (37W), 1500 (46W)



Туре	65mm width high-efficiency linear LED luminaire with up light and interlocking mechanism for continuous applicatio
Material	Aluminium and PC
Finishing	Matt Black / Matt White
Cover	Micro-prismatic
Light Uniformity	Dot-less
Mounting	Suspended
CRI	ProART (CRI~95)
SDCM	3 step MacAdam ellipse binning
Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C
Voltage	220-240V AC
Power (Length)	37W (1200mm), 46W (1500mm)
Beam Angle	80° (Down Light), 110° (Up Light)
Operating Temperature	Ta (min) = $-20^{\circ}$ C, Ta (max) = $+50^{\circ}$ C
Wire Connection	Push-pin terminals
IP Rating	IP20
Unfied Glare Rating	UGR<19

### PHOTOMETRICS



### Downlight\_ Workspace Lighting



### SPECIFICATIONS

### Single CCT

сст	Light Direction	Efficacy (Im/W)	Luminous Flux (Im)	
			46W (1500mm)	37W (1200mm)
2700K	Down Light	123.3	3434	2762
3000K	Up Light	123.9	2250	1810
3500K				
4000K	Down Light	129.5	3605	2900
5000K	Up Light	130.1	2362	1900

### • tuneWHITE 1800K - 3100K

сст	Light Direction	Efficacy (Im/W)	Luminous Flux (lm)	
			46W (1500mm)	37W (1200mm)
1800K	Down Light	117.4	3270	2630
	Up Light	118.1	2143	1724
3100K	Down Light	123.3	3434	2762
	Up Light	124.0	2250	1810

### • tuneWHITE 1800K - 4000K

сст	Light Direction	Efficacy (Im/W)	Luminous Flux (lm)	
			46W (1500mm)	37W (1200mm)
1800K	Down Light	117.4	3270	2630
	Up Light	118.1	2143	1724
4000K	Down Light	129.5	3605	2900
	Up Light	130.1	2362	1900

### • tuneWHITE 2700K - 6500K

сст	Light Direction	Efficacy (Im/W)	Luminous Flux (Im)	
			46W (1500mm)	37W (1200mm)
2700K	Down Light	123.3	3434	2762
	Up Light	123.9	2250	1810
6500K	Down Light	129.5	3605	2900
	Up Light	130.1	2362	1900

#### Downlight\_ Workspace Lighting



#### ORDERING MATRIX

Model		Finishing		Mounting		Power		Beam Angle		C	ст		Driver
LT65FUL	WH	Matt White	PM	Suspended	37	37W (1200mm)	80110	80° (Down) 110° (Up)		27	2700K	ND	Non-dim
	MB	Matt Black			46	46W (1500mm)			ССТ	30	3000K	DA	DALI
									gle C	35	3500K		
									Single	40	4000K		
										50	5000K		
									Ш	TW1831	tuneWHITE 1800K-3100K		
									tuneWHITE	TW1840	tuneWHITE 1800K-4000K	DA	DALI
									tun	TW2765	tuneWHITE 2700K-6500K		

Example: LT65FUL-MB-PM-37-80110-40-ND

LT65FUL Linear Task Luminaire, Matt Black, Suspended, 37W (1200mm), 80° (Down) 110° (Up) Beam Angle, 4000K, Non-dim

# FACADE LIGHTING D67 PI

### FLEXIBLE LINEAR



WF12SB 516 lm/m 76

WF12SB-8PiX 516 lm/m

80



792 lm/m 84

WF16TB-8PiX 792 lm/m 88



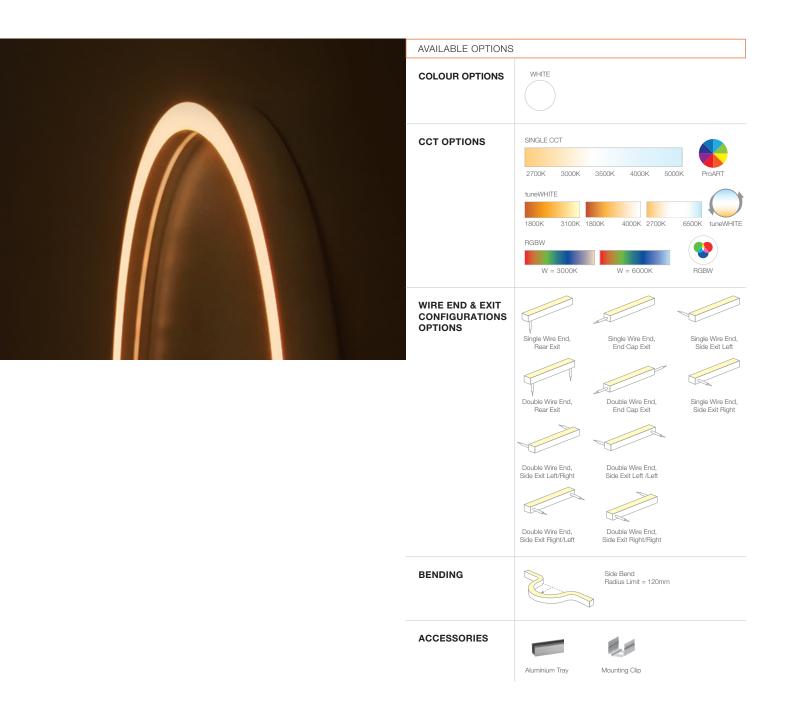
WF16TSB 738 lm/m 92





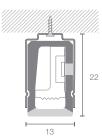
## WF12SB 167

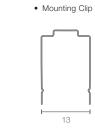
#### WEATHERPROOF FLEXIBLE SIDE BEND LINEAR LUMINAIRE



Туре	12mm width flexible silicone linear LED luminaire			
Finishing	White			
Cover	Dffused			
Light Uniformity	Dotless			
Mounting	Stainless steel mounting clip or aluminium tray			
Beam Angle	115°			
Power Options	Single CCT - 15W/m, 10W/m, 5W/m			
	tuneWHITE - 7.5W/m per Channel, 5W/m per Channel, 2.5W/m per Channel			
	RGBW - 10W/m, 15W/m			
CRI	ProART (CRI~95)			
SDCM	3 step MacAdam ellipse binning			
Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C			
Voltage	24V DC			
Length Options	500mm to 5000mm by increment of:			
	- 50mm for single CCT and tuneWHITE			
	- 125mm for RGBW			
Operating Temperature	Ta (min) = -20°C Ta (max) = +55°C (5W/m) / +45°C (10W/m) / +35°C (15W/m)			
Wire Connection	Supplied with insulated IP67 wires and connector at 300mm length			
IP Rating	IP67, UV Stabilised			

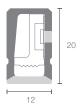
#### DIMENSIONS (MM)





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Profile with LED Module



#### PHOTOMETRICS



#### SPECIFICATIONS

#### • Single CCT

		1						
ССТ	Efficacy	Luminous Flux per meter (Im/m)						
001	(Im/W)	15W/m	10W/m	5W/m				
2700K								
3000K	32.7	491	329	162				
3500K								
4000K	34.4	516	345	170				
5000K	54.4	510	545	170				
Correction Factor		1.00	0.67	0.33				

#### • tuneWHITE 1800K - 3100K

ССТ	Efficacy	Luminous Flux per meter (lm/m)						
001	(Im/W)	(lm/W) 7.5W/m/Ch		2.5W/m/Ch				
1800K	25.3	190	127	63				
3100K	33.3	250	168	83				
Correctio	on Factor	1.00	0.67	0.33				

#### • tuneWHITE 1800K - 4000K

сст	Efficacy	Luminous Flux per meter (lm/m)					
001	(Im/W)	7.5W/m/Ch	5W/m/Ch	2.5W/m/Ch			
1800K	25.3	190	127	63			
4000K	35.0	263	176	87			
Correctio	on Factor	1.00	0.67	0.33			

#### • tuneWHITE 2700K - 6500K

сст	Efficacy	Luminous Flux per meter (lm/m)						
001	(Im/W)	7.5W/m/Ch	5W/m/Ch	2.5W/m/Ch				
2700K	33.3	250	168	83				
6500K	35.0	263	176	87				
Correctio	on Factor	1.00	0.67	0.33				

#### • RGBW

сст	Efficacy	Luminous Flux	RGB Wavelength (nm)					
	(Im/W)	15W/m	10W/m	/ White CCT				
Bed	9.6	36	24	620 - 630				
neu	9.0	(@3.75W)	(@2.50W)	020 - 030				
	28.5	107	72	515 - 525				
Green	28.5	(@3.75W)	(@2.50W)	515 - 525				
Blue	0.1	0.1	9.1	0.1	0.1	34	23	460 - 470
Diue	9.1	(@3.75W)	(@2.50W)	400 - 470				
White	33.9	127	85	3000K				
winite	33.9	(@3.75W)	(@2.50W)	6000K				
Correction Factor		1.00	0.67					





#### ORDERING MATRIX

Profile	Fi	nishing		Cover	L	ength		LE	D Pow	ver & CCT			Wire End & Exit Configuration		gress tection
WF12SB	WH	White	D	Diffused	500	500mm	15	15W/m		27	2700K	SE	Single Wire End, End Cap Exit	IP67	IP67
					1	ţ	10	10W/m	с	30	3000K	DE	Double Wire End, End Cap Exit		
					5000	5000mm	5	5W/m	Single CCT	35	3500K	SR	Single Wire End, Rear Exit		
					*by eve	ry 50mm			Sing	40	4000K	DR	Double Wire End, Rear Exit		
										50	5000K	SSL	Single Wire End, Side Exit Left		
							7PC	7.5W/m/Ch	Щ	TW1831	tuneWHITE 1800K-3100K	SSR	Single Wire End, Side Exit Right		
							5PC	5W/m/Ch	tuneWHITE	TW1840	tuneWHITE 1800K-4000K	DSLR	Double Wire End, Side Exit Left/Right		
							2PC	2.5W/m/Ch	tun	TW2765	tuneWHITE 2700K-6500K	DSRL	Double Wire End, Side Exit Right/Left		
					500	500mm	15	15W/m		RGBW30	RGBW(3000K)	DSLL	Double Wire End, Side Exit Left/Left		
					1	ţ	10	10W/m	≥	RGBW60	RGBW(6000K)	DSRR	Double Wire End, Side Exit Right/Right		
					5000	5000mm			RGBW						
					*by eve	y 125mm									

\*Mounting accessories for neon flex luminaires are not included and to be ordered seperately

WF12SB-WH-D-1000-5-30-SE-IP67 Example: WF12SB Neon Flex, White, Diffused cover, 1000mm, 5W/m, 3000K, Single Wire End at End Cap Exit, IP67

Aluminium T

#### Accessories

	Mounting Clip
WF128	B-MC

WF12SE	3-MC	WF12SB-AT
Example:	WF12SB-MC WF12SB Mounting Clip	Example:

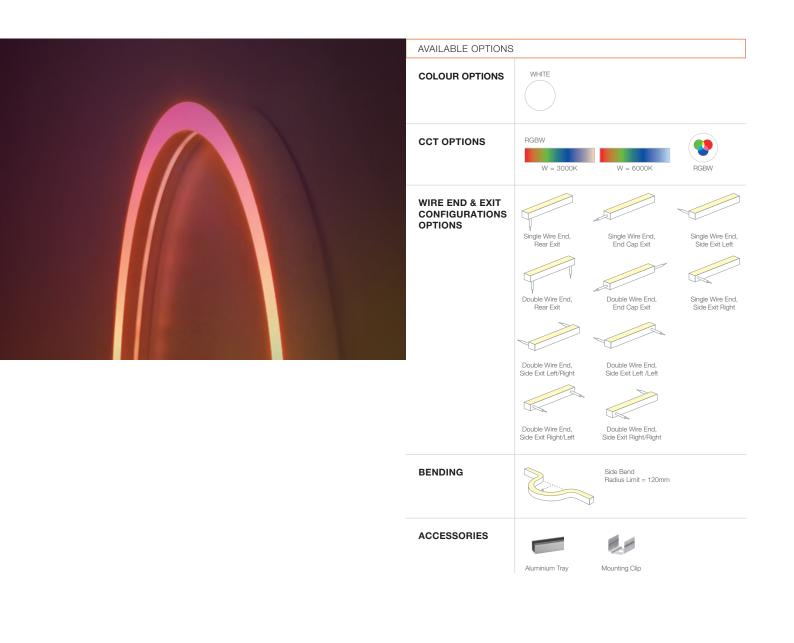
Tray		Finishing	Length					
	SL	Silver	1000	1000mm				
	WE1000 AT 01 4000							

WF12SB-AT-SL-1000 WF12SB Aluminium Tray, Silver, 1000mm



## WF12SB PIX \$67

#### WEATHERPROOF FLEXIBLE SIDE BEND 8 PIXEL PER METER PIXEL CONTROL LINEAR LUMINAIRE

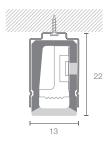


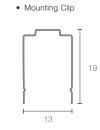
Туре	12mm width flexible silicone linear LED luminaire
Finishing	White
Cover	Diffused
Light Uniformity	Dotless
Mounting	Stainless steel mounting clip or aluminium tray
Beam Angle	115°
Power Options	RGBW - 10W/m, 15W/m
CRI	ProART (CRI~95)
SDCM	3 step MacAdam ellipse binning
Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C
Voltage	24V DC
Length Options	500mm to 5000mm by increment of:
	- 125mm for RGBW
Operating Temperature	Ta (min) = -20°C Ta (max) = +55°C (5W/m) / +45°C (10W/m) / +35°C (15W/m)
Wire Connection	Supplied with insulated IP67 wires and connector at 300mm length
IP Rating	IP67, UV Stabilised

#### Media Specifications

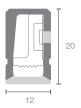
Pixel Density	8 Pixel per meter
Control Method	DMX 512 - Pixel by Pixel
Cut per Stretch	125mm (1 pixel)
Colour Temperature	RGBW(3000K), RGBW(6000K)

#### DIMENSIONS (MM)

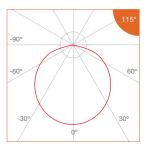




Profile with LED Module



#### PHOTOMETRICS





#### SPECIFICATIONS

• RGBW

сст	Efficacy (Im/W)	Luminous Flux per meter (lm/m) 15W/m	RGB Wavelength (nm) / White CCT
Red	9.6	36	620 - 630
neu	9.0	(@3.75W)	020 - 030
Green	28.5	107	515 - 525
Green	20.0	(@3.75W)	010 - 020
Blue	9.1	34	460 - 470
	9.1	(@3.75W)	460 - 470
White	33.9	127	3000K
writte	33.9	(@3.75W)	6000K
Correctio	on Factor	1.00	



#### ORDERING MATRIX

Profile	Fir	nishing		Cover	L	ength			LED Po	wer & CCT Wire End & Exit Configuration		Wire End & Exit Configuration	Ingress Protection		
WF12SB-8PiX	WH	White	D	Diffused	1000	1000mm	15	15W/m	,	RGBW30	RGBW(3000K)	SE	Single Wire End, End Cap Exit	IP67	IP67
					3000	3000mm			RGBW	RGBW60	RGBW(6000K)	DE	Double Wire End, End Cap Exit		
					5000	5000mm			Œ			SR	Single Wire End, Rear Exit		
						n cut length e at every						DR	Double Wire End, Rear Exit		
												SSL	Single Wire End, Side Exit Left		
												SSR	Single Wire End, Side Exit Right		
												DSLR	Double Wire End, Side Exit Left/Right		
												DSRL	Double Wire End, Side Exit Right/Left		
												DSLL	Double Wire End, Side Exit Left/Left		
												DSRR	Double Wire End, Side Exit Right/Right		

\*Mounting accessories for neon flex luminaires are not included and to be ordered seperately

Example: WF12SB-8PiX-WH-D-1000-15-RGBW30-SE-IP67

WF12SB Neon Flex, Pixel Control, 8 Pixels per meter, White, Diffused cover, 1000mm, 15W/m, RGBW(3000K), Single Wire End at End Cap Exit, IP67

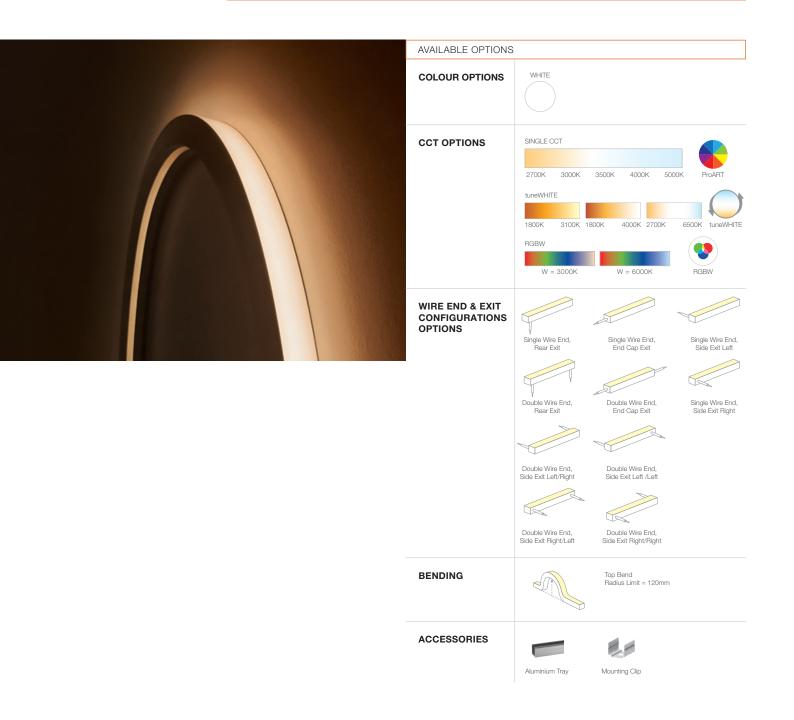
#### Accessories

ľ	Mounting Clip	Aluminium Tray		Finishing	Length		
WF12SE	3-MC	WF12SB-AT	SL	Silver	1000	1000mm	
Example:	WF12SB-MC WF12SB Mounting Clip	Example:		B-AT-SL-1000 B Aluminium Tray, Silve	r, 1000mm		



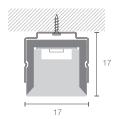
### WF16TB **167** WEATHERPROOF FLEXIBLE TOP BEND

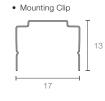
LINEAR LUMINAIRE



Туре	16mm width flexible silicone linear LED luminaire
Finishing	White
Cover	Dffused
Light Uniformity	Dotless
Mounting	Stainless steel mounting clip or aluminium tray
Beam Angle	115°
Power Options	Single CCT - 15W/m, 10W/m, 5W/m
	tuneWHITE - 7.5W/m per Channel, 5W/m per Channel, 2.5W/m per Channel
	RGBW - 10W/m, 15W/m
CRI	ProART (CRI~95)
SDCM	3 step MacAdam ellipse binning
Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C
Voltage	24V DC
Length Options	500mm to 5000mm by increment of:
	- 50mm for single CCT and tuneWHITE
	- 125mm for RGBW
Operating Temperature	Ta (min) = -20°C Ta (max) = +55°C (5W/m) / +45°C (10W/m) / +35°C (15W/m)
Wire Connection	Supplied with insulated IP67 wires and connector at 300mm length
IP Rating	IP67, UV Stabilised

#### DIMENSIONS (MM)





Profile with LED Module



#### PHOTOMETRICS



#### SPECIFICATIONS

#### • Single CCT

		1								
ССТ	Efficacy	Luminous Flux per meter (lm/m)								
001	(Im/W)	15W/m	10W/m	5W/m						
2700K										
3000K	50.3	754	505	249						
3500K										
4000K	52.8	792	530	261						
5000K	52.0	132	550	201						
Correctio	Correction Factor		0.67	0.33						

#### • tuneWHITE 1800K - 3100K

ССТ	Efficacy	Lumino	Luminous Flux per meter (lm/m)							
001	(Im/W)	7.5W/m/Ch	5W/m/Ch	2.5W/m/Ch						
1800K	51.8	388	260	128						
3100K	68.1	511	342	169						
Correctio	on Factor	1.00	0.67	0.33						

#### • tuneWHITE 1800K - 4000K

сст	Efficacy	Luminous Flux per meter (lm/m)						
001	(Im/W)	7.5W/m/Ch	5W/m/Ch	2.5W/m/Ch				
1800K	51.8	388	260	128				
4000K	71.5	537	359	177				
Correctio	on Factor	1.00	0.67	0.33				

#### • tuneWHITE 2700K - 6500K

сст	Efficacy	Lumino	Luminous Flux per meter (lm/m)							
001	(Im/W)	7.5W/m/Ch	5W/m/Ch	2.5W/m/Ch						
2700K	68.1	511	342	169						
6500K	71.5	537	359	177						
Correctio	on Factor	1.00	0.67	0.33						

#### • RGBW

сст	Efficacy	Luminous Flux	oer meter (Im/m)	RGB Wavelength (nm)
001	(Im/W)	15W/m	10W/m	/ White CCT
Red	16.8	63	42	620 - 630
neu	10.0	(@3.75W)	(@2.50W)	020 - 030
0	een 51.2	192	129	515 - 525
Green		(@3.75W)	(@2.50W)	515 - 525
Blue	15.2	57	38	460 - 470
	15.2	(@3.75W)	(@2.50W)	400 - 470
\A/l=:+=	50.0	211	141	3000K
White	5.30	56.3 (@3.75W) (@2.50W)		6000K
Correctio	on Factor	1.00	0.67	

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#### ORDERING MATRIX

Profile	Fi	nishing		Cover	L	ength		LE	D Pow	ver & CCT			Wire End & Exit Configuration		gress tection
WF16TB	WH	White	D	Diffused	500	500mm	15	15W/m		27	2700K	SE	Single Wire End, End Cap Exit	IP67	IP67
					1	ţ	10	10W/m	с	30	3000K	DE	Double Wire End, End Cap Exit		
					5000	5000mm	5	5W/m	Single CCT	35	3500K	SR	Single Wire End, Rear Exit		
					*by eve	ry 50mm			Sing	40	4000K	DR	Double Wire End, Rear Exit		
										50	5000K	SSL	Single Wire End, Side Exit Left		
							7PC	7.5W/m/Ch	Щ	TW1831	tuneWHITE 1800K-3100K	SSR	Single Wire End, Side Exit Right		
							5PC	5W/m/Ch	tuneWHITE	TW1840	tuneWHITE 1800K-4000K	DSLR	Double Wire End, Side Exit Left/Right		
							2PC	2.5W/m/Ch	tun	TW2765	tuneWHITE 2700K-6500K	DSRL	Double Wire End, Side Exit Right/Left		
					500	500mm	15	15W/m		RGBW30	RGBW(3000K)	DSLL	Double Wire End, Side Exit Left/Left		
					1	ţ	10	10W/m	≥	RGBW60	RGBW(6000K)	DSRR	Double Wire End, Side Exit Right/Right		
					5000	5000mm			RGBW						
					*by eve	y 125mm									

\*Mounting accessories for neon flex luminaires are not included and to be ordered seperately

WF16TB-WH-D-1000-5-30-SE-IP67 Example: WF16TB Neon Flex, White, Diffused cover, 1000mm, 5W/m, 3000K, Single Wire End at End Cap Exit, IP67

#### Accessories

	Mounting	Clip
WF16	ГВ-МС	

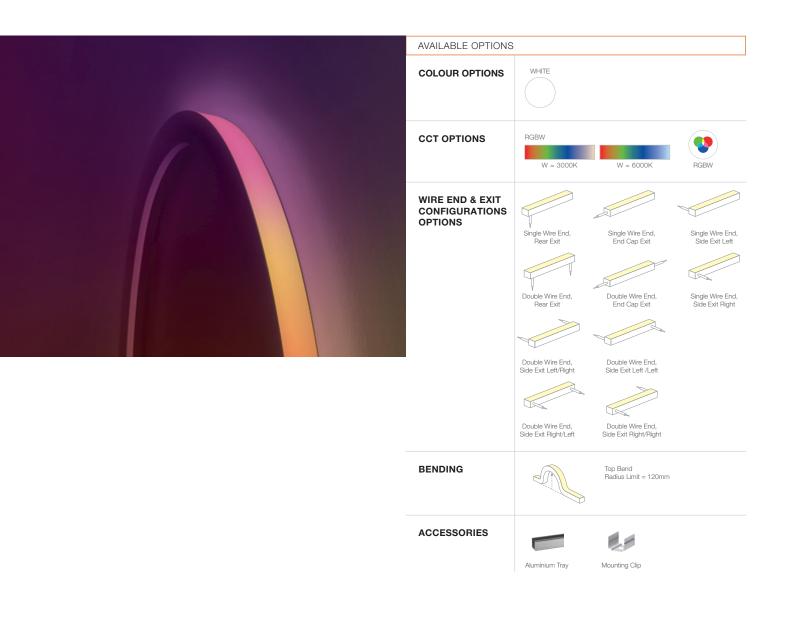
Example: WF16TB-MC WF16TB Mounting

	Aluminium Tray		Finishing	Length			
	WF16TB-AT	SL	Silver	1000	1000mm		
Clip	Example:		B-AT-SL-1000 B Aluminium Tray, Silve	r, 1000mm			



## WF16TB **PIX 167**

WEATHERPROOF FLEXIBLE TOP BEND 8 PIXEL PER METER PIXEL CONTROL LINEAR LUMINAIRE

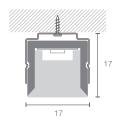


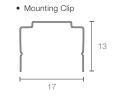
Туре	16mm width flexible silicone linear LED luminaire
Finishing	White
Cover	Diffused
Light Uniformity	Dotless
Mounting	Stainless steel mounting clip or aluminium tray
Beam Angle	115°
Power Options	RGBW - 10W/m, 15W/m
CRI	ProART (CRI~95)
SDCM	3 step MacAdam ellipse binning
Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C
Voltage	24V DC
Length Options	500mm to 5000mm by increment of:
	- 125mm for RGBW
Operating Temperature	Ta (min) = -20°C Ta (max) = +55°C (5W/m) / +45°C (10W/m) / +35°C (15W/m)
Wire Connection	Supplied with insulated IP67 wires and connector at 300mm length
IP Rating	IP67, UV Stabilised

#### Media Specifications

Pixel Density	8 Pixel per meter
Control Method	DMX 512 - Pixel by Pixel
Cut per Stretch	125mm (1 pixel)
Colour Temperature	RGBW(3000K), RGBW(6000K)

#### DIMENSIONS (MM)





#### Profile with LED Module



#### PHOTOMETRICS





#### SPECIFICATIONS

• RGBW

ССТ	Efficacy (Im/W)	Luminous Flux per meter (lm/m) 15W/m	RGB Wavelength (nm) / White CCT
Red	16.8	63	620 - 630
neu	16.8	(@3.75W)	020 - 030
Green	51.2	192	515 - 525
Green	01.2	(@3.75W)	515 - 525
Blue	15.2	57	460 - 470
	15.2	(@3.75W)	460 - 470
White	56.3	211	3000K
writte	00.3	(@3.75W)	6000K
Correctio	on Factor	1.00	



#### ORDERING MATRIX

Profile	Fi	nishing		Cover	L	.ength			LED	LED Power & CCT Wire End & Exit Configuration			Wire End & Exit Configuration	ion Ingres Protecti	
WF16TB-8PiX	WH	White	D	Diffused	1000	1000mm	15	15W/m		RGBW30	RGBW(3000K)	SE	Single Wire End, End Cap Exit	IP67	IP67
					3000	3000mm			RGBW	RGBW60	RGBW(6000K)	DE	Double Wire End, End Cap Exit		
					5000	5000mm			Ē			SR	Single Wire End, Rear Exit		
						n cut length e at every						DR	Double Wire End, Rear Exit		
												SSL	Single Wire End, Side Exit Left		
												SSR	Single Wire End, Side Exit Right		
												DSLR	Double Wire End, Side Exit Left/Right		
												DSRL	Double Wire End, Side Exit Right/Left		
												DSLL	Double Wire End, Side Exit Left/Left		
												DSRR	Double Wire End, Side Exit Right/Right		

\*Mounting accessories for neon flex luminaires are not included and to be ordered seperately

Example: WF16TB-8PiX-WH-D-1000-15-RGBW30-SE-IP67

WF16TB Neon Flex, Pixel Control, 8 Pixels per meter, White, Diffused cover, 1000mm, 15W/m, RGBW(3000K), Single Wire End at End Cap Exit, IP67

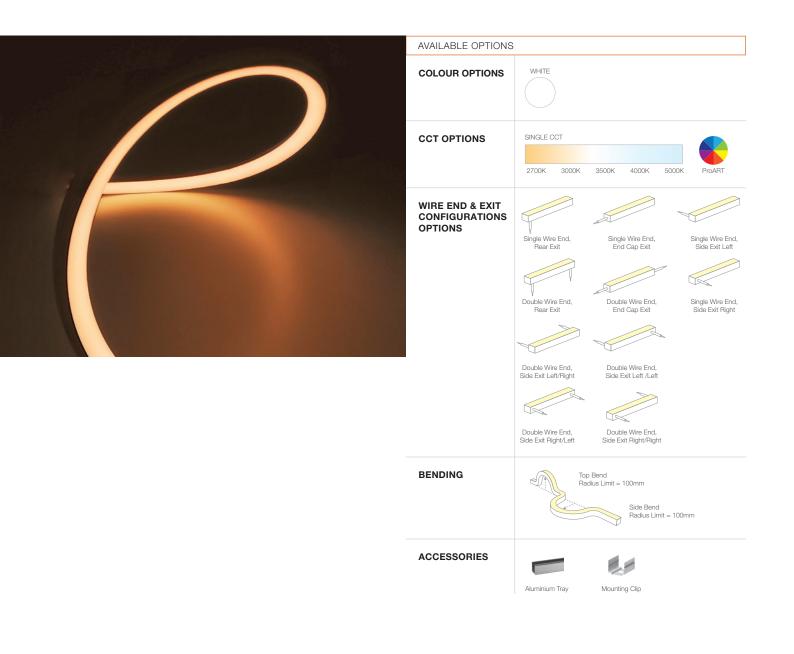
#### Accessories

ľ	Nounting Clip	Aluminium Tray		Finishing	Length		
WF16TE	3-MC	WF16TB-AT	SL	Silver	1000	1000mm	
Example:	WF16TB-MC WF16TB Mounting Clip	Example:		B-AT-SL-1000 B Aluminium Tray, Silve	r, 1000mm		



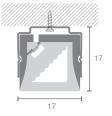
## WF16TSB \$67

#### WEATHERPROOF FLEXIBLE TOP & SIDE BEND LINEAR LUMINAIRE

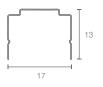


Туре	16mm width flexible silicone linear LED luminaire
Finishing	White
Cover	Dffused
Light Uniformity	Dotless
Mounting	Stainless steel mounting clip or aluminium tray
Beam Angle	115°
Power Options	10W/m, 5W/m
CRI	ProART (CRI~95)
SDCM	3 step MacAdam ellipse binning
Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C
Voltage	24V DC
Length Options	500mm to 5000mm by increment of 50mm
Operating Temperature	Ta (min) = -20°C Ta (max) = +55°C (5W/m) / +45°C (10W/m)
Wire Connection	Supplied with insulated IP67 wires and connector at 300mm length
IP Rating	IP67, UV Stabilised

#### DIMENSIONS (MM)







Profile with LED Module



#### PHOTOMETRICS



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#### SPECIFICATIONS

сст	Efficacy	Luminous Flux per meter (Im/m)					
001	(Im/W)	10W/m	5W/m				
2700K							
3000K	70.3	703	352				
3500K							
4000K	73.8	738	369				
5000K	/ 3.0	730	309				
Correcti	on Factor	1.00	0.50				

#### ORDERING MATRIX

Profile	Fi	nishing		Cover	L	ength		LED Power & CCT Wire End & Exit Configuration		Wire End & Exit Configuration	on Ingress Protectio			
WF16TSB	WH	White	D	Diffused	500	500mm	10	10W/m	27	2700K	SE	Single Wire End, End Cap Exit	IP67	IP67
					1	1	5	5W/m	30	3000K	DE	Double Wire End, End Cap Exit		
					5000	5000mm			35	3500K	SR	Single Wire End, Rear Exit		
					*by every	/ 50mm			40	4000K	DR	Double Wire End, Rear Exit		
									50	5000K	SSL	Single Wire End, Side Exit Left		
											SSR	Single Wire End, Side Exit Right		
											DSLR	Double Wire End, Side Exit Left/Right		
											DSRL	Double Wire End, Side Exit Right/Left		
											DSLL	Double Wire End, Side Exit Left/Left		
											DSRR	Double Wire End, Side Exit Right/Right		

\*Mounting accessories for neon flex luminaires are not included and to be ordered seperately

Example: WF16TSB-WH-D-1000-5-30-SE-IP67

WF16TSB Neon Flex, White, Diffused cover, 1000mm, 5W/m, 3000K, Single Wire End at End Cap Exit, IP67

#### Accessories

WF16TSB-MC Example: WF16TSB-WF16TSB

Mounting Clip	Aluminium Tray		Finishing	Length		
SB-MC	WF16TSB-AT	SL	Silver	1000	1000mm	
WF16TSB-MC WF16TSB Mounting Clip	Example:		rSB-AT-SL-1000 rSB Aluminium Tray, Silv	rer, 1000mn	ן ז	



# FACADE LIGHTING \$67 IK10 PI



WP20F 557 lm/m 98

WP25F 835 lm/m 102

WP25F-20PiX 835 lm/m 106



WP30F 1046 lm/m 108

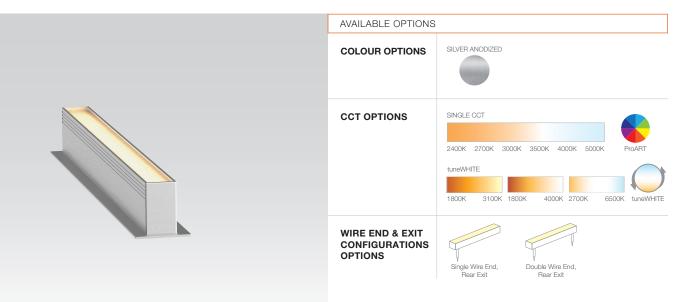
WP30F-20PiX 1046 lm/m 112





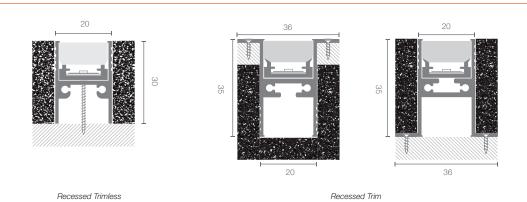
## WP20F \$67 IK10

PRESSURE PROOF LINEAR LUMINAIRE



Profile Type	20.4mm width aluminium linear profile
Profile Finishing	Silver Anodised
Cover	Diffused
Light Uniformity	Dot-less
Mounting	Recessed Trim, Recessed Trimless
Beam Angle	115°
Power Options	Single CCT - 10W/m, 5W/m
	tuneWHITE - 10W/m per Channel, 5W/m per Channel
CRI	ProART (CRI~95)
SDCM	3 step MacAdam ellipse binning
Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C
Voltage	24V DC
Length Options	CCT: 508mm, 1008mm, 1508mm, 2008mm TW: 512mm, 1012mm, 1512mm, 2012mm
Operating Temperature	Ta (min) = -20°C, Ta (max) = +50°C
Wire Connection	Supplied with insulated IP67 wires and connector at 200mm length
IP Rating	IP67
IK Rating	IK10 (Can withstand 5kg of free fall object dropping from 0.4m height)
Profile LOR	50% (Frosted diffuser)

#### DIMENSIONS (MM)



PHOTOMETRICS



The information above is at nominal values accuracy of +/-7%. For the latest specifications please refer to the website.

#### Presure Proof Luminaire\_Facade Lighting



#### SPECIFICATIONS

#### • Single CCT

сст	Efficacy	Luminous Flux per meter (Im/m)						
001	(Im/W)	10W/m	5W/m					
2400K	45.6	456	228					
2700K								
3000K	53.0	530	265					
3500K								
4000K	55.7	557	278					
5000K	55.7	557	210					
Correctio	on Factor	1.00	0.50					

#### • tuneWHITE 1800K - 3100K

ССТ	Efficacy	Luminous Flux p	per meter (lm/m)
001	(Im/W)	10W/m/Ch	5W/m/Ch
1800K	40.3	403	201
3100K	53.0	530	265
Correctio	on Factor	1.00	0.50

#### • tuneWHITE 1800K - 4000K

ССТ	Efficacy	Luminous Flux p	oer meter (lm/m)		
	(Im/W)	10W/m/Ch	5W/m/Ch		
1800K	40.3	403	201		
4000K	55.7	557	278		
Correctio	on Factor	1.00	0.50		

#### • tuneWHITE 2700K - 6500K

ССТ	Efficacy	Luminous Flux p	per meter (lm/m)
001	(Im/W)	10W/m/Ch	5W/m/Ch
2700K	53.0	530	265
6500K	55.7	557	278
Correctio	on Factor	1.00	0.50

#### Presure Proof Luminaire\_Facade Lighting



ORDERING MATRIX

Profile	Finishing Mountin		Mounting		Mounting		Mounting		Mounting		Mounting		Mounting		Mounting		Mounting		Cover	L	ength			LED Module	Power & CC	т	Wir	e End & Exit Configuration		ress ection
WP20F	SL	Silver	т	Trim	D	Diffused	508	508mm		10	10W/m	24	2400K	SR	Single Wire End, Rear Exit	IP67	IP67													
		Anodised	x	Trimless			1008	1008mm		5	5W/m	27	2700K	DR	Double Wire End, Rear Exit															
							1508	1508mm	сст			30	3000K																	
							2008	2008mm	Single (			35	3500K																	
									õ			40	4000K																	
												50	5000K																	
							512	512mm		10PC	10W/m/Ch	TW1831	tuneWHITE 1800K-3100K																	
							1012	1012mm	tuneWHITE	5PC	5W/m/Ch	TW1840	tuneWHITE 1800K-4000K																	
							1512	1512mm	tur			TW2765	tuneWHITE 2700K-6500K																	
							2012	2012mm																						

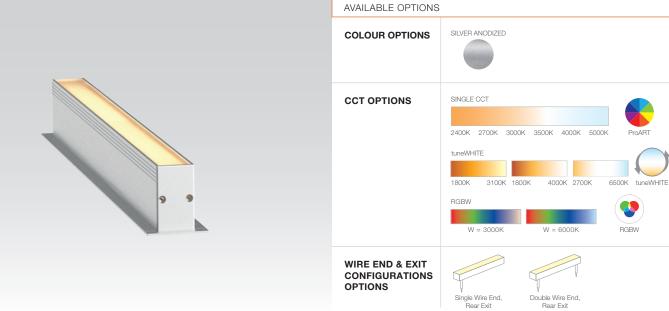
Example: WP20F-SL-X-1008-5-30-SR-IP67

WP20F Profile, Silver Anodised, Trimless, Diffused cover, 1008mm, with FM6 - 5W/m, 3000K, Single Wire End at Rear Exit, IP67, Incuding 2 x End Cap



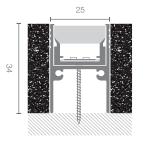
## WP25F \$67 IK10

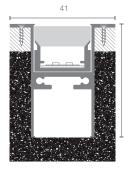
PRESSURE PROOF LINEAR LUMINAIRE

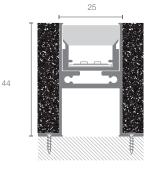


Profile Type	24.9mm width aluminium linear profile
Profile Finishing	Silver Anodised
Cover	Diffused
Light Uniformity	Dot-less
Mounting	Recessed Trim, Recessed Trimless
Beam Angle	115°
Power Options	Single CCT - 15W/m, 10W/m, 5W/m
	tuneWHITE - 15W/m per Channel, 10W/m per Channel, 5W/m per Channel
	RGBW - 15W/m, 10W/m, 5W/m
CRI	ProART (CRI~95) *Ra>90, R9>50
SDCM	3 step MacAdam ellipse binning
Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C
Voltage	24V DC
Length Options	CCT: 508mm, 1008mm, 1508mm, 2008mm TW/RGBW: 512mm, 1012mm, 1512mm, 2012mm
Operating Temperature	Ta (min) = -20°C, Ta (max) = +50°C
Wire Connection	Supplied with insulated IP67 wires and connector at 200mm length
IP Rating	IP67
IK Rating	IK10 (Can withstand 5kg of free fall object dropping from 0.4m height)
Profile LOR	50% (Frosted diffuser)

#### DIMENSIONS (MM)



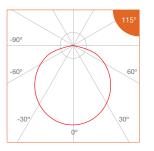




Recessed Trimless

Recessed Trim

#### PHOTOMETRICS



#### 103

#### Presure Proof Luminaire\_Facade Lighting

#### SPECIFICATIONS

#### • Single CCT

сст	Efficacy	Luminous Flux per meter (lm/m)								
001	(lm/W)	15W/m	10W/m	5W/m						
2400K	45.6	684	458	226						
2700K										
3000K	53.0	795	533	262						
3500K										
4000K	55.7	835	559	275						
5000K	55.7	633	559							
Correctio	on Factor	1.00	0.67	0.33						

#### • tuneWHITE 1800K - 3100K

сст	Efficacy	Luminous Flux per meter (lm/m)							
	(Im/W)	15W/m/Ch	10W/m/Ch	5W/m/Ch					
1800K	40.3	604	405	199					
3100K	53.0	795	533	262					
Correctio	on Factor	1.00	0.67	0.33					

#### • tuneWHITE 1800K - 4000K

ССТ	Efficacy	Luminous Flux per meter (Im/m)							
	(Im/W)	15W/m/Ch	10W/m/Ch	5W/m/Ch					
1800K	40.3	604	405	199					
4000K	55.7	835	559	275					
Correctio	on Factor	1.00	0.67	0.33					

#### • tuneWHITE 2700K - 6500K

сст	Efficacy	Luminous Flux per meter (lm/m)							
661	(Im/W)	15W/m/Ch	10W/m/Ch	5W/m/Ch					
2700K	53.0	795	533	262					
6500K	55.7	835	559	275					
Correctio	on Factor	1.00	0.67	0.33					

#### • RGBW

сст	Efficacy	Lumin	ous Flux per meter	(lm/m)	RGB Wavelength (nm)
001	(Im/W)	15W/m/Ch	10W/m/Ch	5W/m/Ch	/ White CCT
Red	25.0	63	42	21	620 - 630
Rea	25.0	(@2.52W)	(@1.68W)	(@0.84W)	620 - 630
Green	38.1	136	91	45	515 - 525
Green	30.1	(@3.57W)	(@2.38W)	(@1.19W)	515-525
Dhus	10.1	36	24	12	460 - 470
Blue	10.1	(@3.57W)	(@2.38W)	(@1.19W)	460 - 470
	50.0	316	212	104	3000K
White	59.2	(@5.34W)	(@3.56W)	(@1.78W)	6000K
Correcti	on Factor	1.00	0.67	0.33	



#### Presure Proof Luminaire\_Facade Lighting



ORDERING MATRIX

Profile	F	Finishing		Mounting		Cover		Cover		ength			LED Module	Power & CC	т	Wir	e End & Exit Configuration		gress ection
WP25F	SL	Silver Anodised	т	Trim	D	Diffused	508	508mm		15	15W/m	24	2400K	SR	Single Wire End, Rear Exit	IP67	IP67		
		Anouiseu	х	Trimless			1008	1008mm		10	10W/m	27	2700K	DR	Double Wire End, Rear Exit				
						I	1508	1508mm	ССТ	5	5W/m	30	3000K						
							2008	2008mm	Single			35	3500K						
									S			40	4000K						
												50	5000K						
							512	512mm	щ	15PC	15W/m/Ch	TW1831	tuneWHITE 1800K-3100K						
							1012	1012mm	tuneWHITE	10PC	10W/m/Ch	TW1840	tuneWHITE 1800K-4000K						
							1512	1512mm	ţ	5PC	5W/m/Ch	TW2765	tuneWHITE 2700K-6500K						
							2012	2012mm		15	15W/m	RGBW30	RGBW(3000K)						
									RGBW	10	10W/m	RGBW60	RGBW(6000K)						
									œ	5	5W/m								

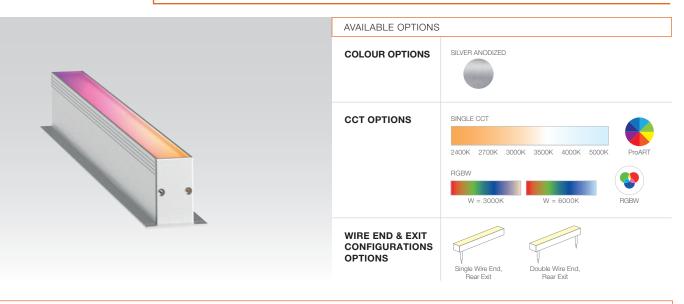
Example: WP25F-SL-X-D-1008-5-30-SR-IP67

WP25F Profile, Silver Anodised, Trimless, Diffused cover, 1008mm, with FM6 - 5W/m, 3000K, Single Wire End at Rear Exit, IP67, Incuding 2 x End Cap

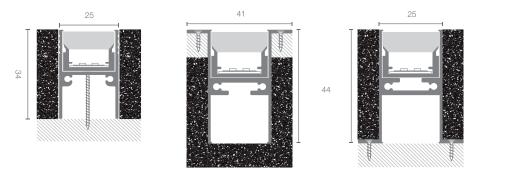


## WP25F pi**X 🖗67 ik10**

#### PRESSURE PROOF 20 PIXELS PER METER PIXEL CONTROL LINEAR LUMINAIRE



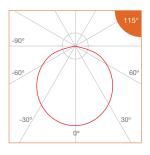
#### DIMENSIONS (MM)



Recessed Trimless

Recessed Trim

#### PHOTOMETRICS



	1
Profile Type	24.9mm width aluminium linear profile
Profile Finishing	Silver Anodised
Cover	Diffused
Light Uniformity	Dot-less
Mounting	Recessed Trim, Recessed Trimless
Beam Angle	115°
Power Options	Single CCT - 15W/m, 10W/m, 5W/m
	RGBW - 15W/m, 10W/m, 5W/m
CRI	ProART (CRI~95) *Ra>90, R9>50
SDCM	3 step MacAdam ellipse binning
Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C
Voltage	24V DC
Length Options	CCT: 508mm, 1008mm, 1508mm, 2008mm RGBW: 512mm, 1012mm, 1512mm, 2012mm
Operating Temperature	Ta (min) = -20°C, Ta (max) = +50°C
Wire Connection	Supplied with insulated IP67 wires and connector at 200mm length
IP Rating	IP67
IK Rating	IK10 (Can withstand 5kg of free fall object dropping from 0.4m height)
Profile LOR	50% (Frosted diffuser)

#### Media Specifications

Pixel Density	CCT: 20 Pixel per meter RGBW: 12 Pixel per meter
Control Method	DMX 512 - Pixel by Pixel
Cut per Stretch	CCT: 500mm (10 pixels), 1000mm (20 pixels), 1500mm (30 pixels), 2000mm (40 pixels) RGBW: 500mm (6 pixels), 1000mm (12 pixels), 1500mm (18 pixels), 2000mm (24 pixels)
Colour Temperature	2400K, 2700K, 3000K, 3500K, 4000K, 5000K
	RGBW(3000K), RGBW(6000K)

.

#### SPECIFICATIONS

#### Single CCT

сст	Efficacy	Luminous Flux per meter (Im/m)								
001	(Im/W)	15W/m	10W/m	5W/m						
2400K	45.6	684	458	226						
2700K										
3000K	53.0	795	262							
3500K										
4000K	55.7	835	559	275						
5000K	55.7	835	559	275						
Correctio	on Factor	1.00	0.67	0.33						

• RGBW

ССТ	Efficacy	Luminou	is Flux per mete	RGB Wavelength (nm)			
001	(Im/W)	15W/m/Ch	10W/m/Ch	5W/m/Ch	/ White CCT		
Bed	25.0	63	42	21	620 - 630		
neu	25.0	(@2.52W)	(@1.68W)	(@0.84W)	020 - 030		
Groop	38.1	136	91	45	515 - 525		
Green	30.1	(@3.57W)	(@2.38W)	(@1.19W)	515 - 525		
Blue	10.1	36	24	12	460 - 470		
	10.1	(@3.57W)	(@2.38W)	(@1.19W)	400 - 470		
White	59.2	316	212	104	3000K		
white	59.2	(@5.34W)	(@3.56W)	(@1.78W)	6000K		
Correctio	Correction Factor		0.67	0.33			

#### ORDERING MATRIX

Example:

Profile	Finishing Mou		Mounting		Cover		Length		LED Module Power & CCT				Wire End & Exit Configuration			Ingress Protection	
WP25F-20PiX	SL	Silver	т	Trim	D	Diffused	508	508mm		15	15W/m	24	2400K	SR	Single Wire End, Rear Exit	IP67	IP67
		Anodised	х	Trimless	3		1008	1008mm	⊢	10	10W/m	27	2700K DR	DR Double Wire End, Rear Exit			
							1508	1508mm	CCT	5	5W/m	30	3000K				
							2008	2008mm	Single			35	3500K				
									ŝ			40	4000K				
												50	5000K				
							512	512mm		15	15W/m	RGBW30	RGBW(3000K)				
							1012	1012mm	Ň	10	10W/m	RGBW60	RGBW(6000K)				
							1512	1512mm	RGBW	5	5W/m						
							2012	2012mm									

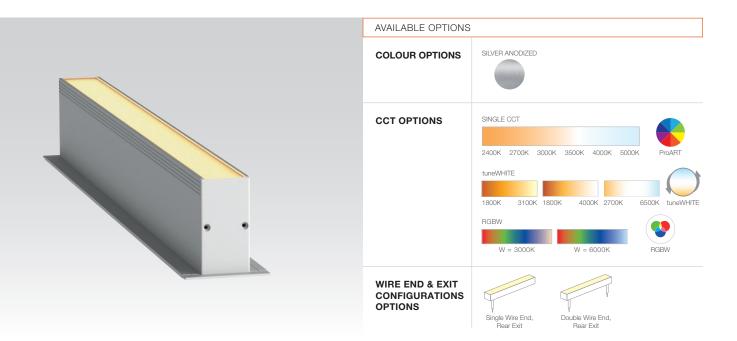
WP25F-20PiX-SL-X-D-1008-5-30-SR-IP67

WP25F Profile, Pixel Control, 20 Pixels per meter, Silver Anodised, Trimless, Diffused cover, 1008mm, with FM6 - 5W/m, 3000K, Single Wire End at Rear Exit, IP67, Incuding 2 x End Cap



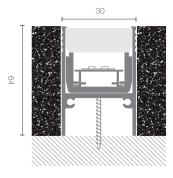
## WP30F \$67 IK10

PRESSURE PROOF LINEAR LUMINAIRE

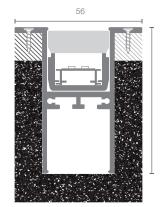


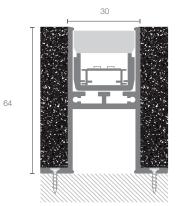
Profile Type	30.6mm width aluminium linear profile
Profile Finishing	Silver Anodised
Cover	Diffused
Light Uniformity	Dot-less
Mounting	Recessed Trim, Recessed Trimless
Beam Angle	115°
Power Options	Single CCT - 20W/m, 15W/m, 10W/m, 5W/m
	tuneWHITE - 15W/m per Channel, 10W/m per Channel, 5W/m per Channel
	RGBW - 20W/m, 15W/m, 10W/m, 5W/m
CRI	ProART (CRI~95) *Ra>90, R9>50
SDCM	3 step MacAdam ellipse binning
Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C
Voltage	24V DC
Length Options	CCT: 508mm, 1008mm, 1508mm, 2008mm TW/RGBW: 512mm, 1012mm, 1512mm, 2012mm
Operating Temperature	Ta (min) = -20°C, Ta (max) = +50°C
Wire Connection	Supplied with insulated IP67 wires and connector at 200mm length
IP Rating	IP67
IK Rating	IK10 (Can withstand 5kg of free fall object dropping from 0.4m height)
Profile LOR	47% (Frosted diffuser)

### DIMENSIONS (MM)



Recessed Trimless





Recessed Trim

### PHOTOMETRICS



#### 109

### Presure Proof Luminaire\_Facade Lighting



### SPECIFICATIONS

• Single CCT

сст	Efficacy	Luminous Flux per meter (lm/m)										
	(Im/W)	20W/m	15W/m	10W/m	5W/m							
2400K	42.8	857	642	428	214							
2700K												
3000K	49.8	996	747	498	249							
3500K												
4000K	52.3	1046	784	523	261							
5000K	02.3	1040	104	023	201							
Correctio	on Factor	1.00	0.75	0.50	0.25							

### • tuneWHITE 1800K - 3100K

ССТ	Efficacy	Luminous Flux per meter (lm/m)								
001	(Im/W)	15W/m/Ch	10W/m/Ch	5W/m/Ch						
1800K	37.8	568	380	187						
3100K	49.8	747	500	247						
Correctio	on Factor	1.00	0.67	0.33						

### • tuneWHITE 1800K - 4000K

ССТ	Efficacy	Luminous Flux per meter (lm/m)								
001	(Im/W)	15W/m/Ch	10W/m/Ch	5W/m/Ch						
1800K	37.8	568	380	187						
4000K	52.3	784	525	259						
Correctio	on Factor	1.00	0.67	0.33						

### • tuneWHITE 2700K - 6500K

сст	Efficacy	Luminous Flux per meter (lm/m)								
661	(Im/W)	15W/m/Ch	10W/m/Ch	5W/m/Ch						
2700K	49.8	747	500	247						
6500K	52.3	784	526	259						
Correctio	on Factor	1.00	0.67	0.33						

### • RGBW

сст	Efficacy		RGB Wavelength (nm)			
001	(Im/W)	20W/m/Ch	15W/m/Ch	10W/m/Ch	5W/m/Ch	/ White CCT
Red	23.5	79	59	40	20	620 - 630
neu	20.0	(@3.36W)	(@2.52W)	(@1.68W)	(@0.84W)	020 - 030
0	35.7	170	128	85	43	515 - 525
Green	30.7	(@4.76W)	(@3.57W)	(@2.38W)	(@1.19W)	515 - 525
Blue	9.5	45	34	23	11	460 - 470
	9.5	(@4.76W)	(@3.57W)	(@2.38W)	(@1.19W)	400 - 470
White	55.0	396	297	198	99	3000K
vvriite	55.6	(@7.12W)	(@5.34W)	(@3.56W)	(@1.78W)	6000K
Correctio	on Factor	1.00	0.75	0.50	0.25	

### Presure Proof Luminaire\_Facade Lighting



ORDERING MATRIX

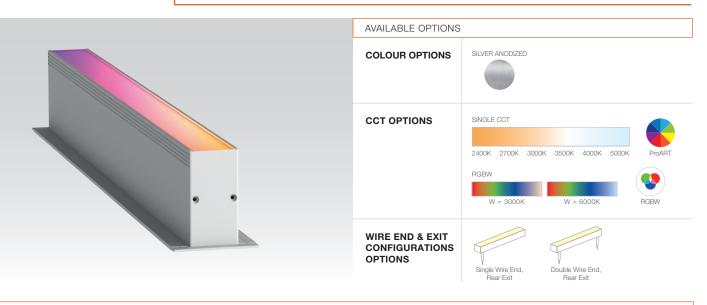
Profile		Finishing		Mounting		Cover		Length	_		LED Module	Power & CO	тт	Wir	e End & Exit Configuration	Ingress Protection	
WP30F	SL		т	Trim	D	Diffused	508	508mm		20	20W/m	24	2400K	SR	Single Wire End, Rear Exit	IP67	IP67
		Anodised	x	Trimless			1008	1008mm		15	15W/m	27	2700K	DR	Double Wire End, Rear Exit		
							1508	1508mm 5	10	10W/m	30	3000K					
							2008	2008mm	Single CCT www	5	5W/m	35	3500K				
									či.			40	4000K				
								50	5000K								
							512	512mm			15W/m/Ch	TW1831	tuneWHITE 1800K-3100K				
							1012	1012mm	tuneWHITE	10PC	10W/m/Ch	TW1840	tuneWHITE 1800K-4000K				
							1512	1512mm	tun	5PC	5W/m/Ch	TW2765	tuneWHITE 2700K-6500K				
							2012	2012mm		20	20W/m	RGBW30	RGBW(3000K)				
									Ň	15	15W/m	RGBW60	RGBW(6000K)				
									RGBW	10	10W/m						
										5	5W/m						
Example:	WP3	0F-SL-X-D-100	∣ 8-5-30	)-SR-IP67													

WP30F Profile, Silver Anodised, Trimless, Diffused cover, 1008mm, with FM6 - 5W/m, 3000K, Single Wire End at Rear Exit, IP67, Incuding 2 x End Cap

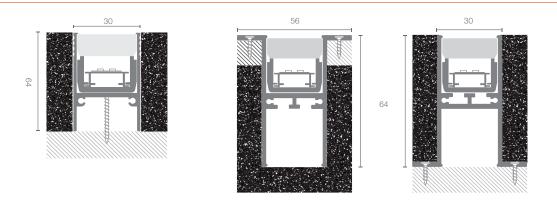


### WP30F PIX \$67 IK10

### PRESSURE PROOF 20 PIXELS PER METER PIXEL CONTROL LINEAR LUMINAIRE



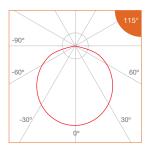
### DIMENSIONS (MM)



Recessed Trimless

Recessed Trim





Due file True e	
Profile Type	30.6mm width aluminium linear profile
Profile Finishing	Silver Anodised
Cover	Diffused
Light Uniformity	Dot-less
Mounting	Recessed Trim, Recessed Trimless
Beam Angle	115°
Power Options	Single CCT - 20W/m, 15W/m, 10W/m, 5W/m
	RGBW - 20W/m, 15W/m, 10W/m, 5W/m
CRI	ProART (CRI~95)
SDCM	3 step MacAdam ellipse binning
Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C
Voltage	24V DC
Length Options	CCT: 508mm, 1008mm, 1508mm, 2008mm RGBW: 512mm, 1012mm, 1512mm, 2012mm
Operating Temperature	Ta (min) = $-20^{\circ}$ C, Ta (max) = $+50^{\circ}$ C
Wire Connection	Supplied with insulated IP67 wires and connector at 200mm length
IP Rating	IP67
IK Rating	IK10 (Can withstand 5kg of free fall object dropping from 0.4m height)
Profile LOR	47% (Frosted diffuser)

### Media Specifications

Pixel Density	CCT: 20 Pixel per meter RGBW: 12 Pixel per meter
Control Method	DMX 512 - Pixel by Pixel
Cut per Stretch	CCT: 500mm (10 pixels), 1000mm (20 pixels), 1500mm (30 pixels), 2000mm (40 pixels) RGBW: 500mm (6 pixels), 1000mm (12 pixels), 1500mm (18 pixels), 2000mm (24 pixels)
Colour Temperature	2400K, 2700K, 3000K, 3500K, 4000K, 5000K
	RGBW(3000K), RGBW(6000K)

.

### SPECIFICATIONS

### • Single CCT

сст	Efficacy	Lun	Luminous Flux per meter (lm/m)									
CCT	(Im/W)	20W/m	15W/m	10W/m	5W/m							
2400K	42.8	857	642	428	214							
2700K												
3000K	49.8	996	747	498	249							
3500K												
4000K	52.3	1046	784	523	261							
5000K	52.5	1040	104	023	201							
Correctio	on Factor	1.00	0.75	0.50	0.25							

### • RGBW

ССТ	Efficacy	Lun	ninous Flux p	oer meter (Im	ı/m)	RGB Wavelength (nm)
001	(Im/W)	20W/m/Ch	15W/m/Ch	10W/m/Ch	5W/m/Ch	/ White CCT
Red	23.5	79	59	40	20	620 - 630
neu	23.0	(@3.36W)	(@2.52W)	(@1.68W)	(@0.84W)	020 - 030
Green	35.7	170	128	85	43	515 - 525
Green	33.7	(@4.76W)	(@3.57W)	(@2.38W)	(@1.19W)	515 - 525
Blue	9.5	45	34	23	11	460 - 470
Diue	9.5	(@4.76W)	(@3.57W)	(@2.38W)	(@1.19W)	400 - 470
White	55.6	396	297	198	99	3000K
white	55.6	(@7.12W)	(@5.34W)	(@3.56W)	(@1.78W)	6000K
Correction	Factor	1.00	0.75	0.50	0.25	

### ORDERING MATRIX

Profile	Finishing Mounting		Mounting	Cover			Length		LED Module Power & CCT					e End & Exit Configuration	Ingress Protection		
WP30F-20PiX	SL	Silver	т	Trim	D	Diffused	508	508mm		20	20W/m	24	2400K	SR	Single Wire End, Rear Exit	IP67	IP67
		Anodised	х	Trimless			1008	1008mm	F	15	15W/m	27	2700K	DR	Double Wire End, Rear Exit		
							1508	1508mm	ССТ	10	10W/m	30	3000K				
							2008	2008mm	Single	5	5W/m	35	3500K				
									ŝ			40	4000K				
												50	5000K				
							512	512mm		20	20W/m	RGBW30	RGBW(3000K)				
							1012	1012mm	Ň	15	15W/m	RGBW60	RGBW(6000K)				
							1512	1512mm	RGBW	10	10W/m						
							2012	2012mm		5	5W/m						

Example: WP30F-20PiX-SL-X-D-1008-5-30-SR-IP67

WP30F Profile, Pixel Control, 20 Pixels per meter, Silver Anodised, Trimless, Diffused cover, 1008mm, with FM6 - 5W/m, 3000K, Single Wire End at Rear Exit, IP67, Incuding 2 x End Cap



# LED MODULES 1065 PIX



SINGLE CCT

FM5-168

116

1733 lm/m



FM8-168

120

1733 lm/m



FM10E-120

1932 lm/m



0

FM10-20PiX

1575 lm/m

128





FM23G-42

1932 lm/m

132



FM23WW-30 1932 lm/m



WARM DIM FM10WD-200 1650 lm/m

136



tuneWHITE FM8TW-192 1733 lm/m

140

tuneWHITE

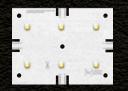
0  $\overline{\mathbf{O}}$  $\mathbf{O}$ RGRW





RGBW FM12RGBW-96 587 lm/m 144

FM12-12PiX RGBW 587 lm/m 148



BACKLIT FBM100L75 4014 lm/m 152



FBM100L75TW 4014 lm/m 154



POWER SELECTOR CVMPS150 156





# FM5-168

### PROFESSIONAL SINGLE CCT FLEXIBLE LINEAR LED MODULE





CRI	ProART (CRI~95)
SDCM	3 step MacAdam ellipse
Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C
Voltage	24V DC
Power Options	15W/m (max)
Light Effect	Narrow LED pitch distance for light homogeneity
Luminous Flux	Up to 1733lm/m
Efficacy	Up to 115.5lm/W
Operating Temperature	Ta (min) = $-20^{\circ}$ C, Ta (max) = $+50^{\circ}$ C
Wire Connection	Supplied with insulated AWG 20 wires at 150mm length
Ingress Protection	IP20
Beam Angle	120°

		Luminous Flux per meter (lm/m)									
сст	Efficacy	Default	fault With CVMPS150 Dip Switch Settings *								
	(Im/W)	(Max.)	On "8"	On "7"	On "6"	On "5"	On "4"	On "3"	On "2"	On "1"	
			15W/m	13.5W/m	12W/m	10.5W/m	9W/m	7.5W/m	6W/m	4.5W/m	3W/m
2400K	94.6	1419	1277	1135	993	851	710	568	426	284	
2700K											
3000K	110.0 1650	1650	1485	1320	1155	990	825	660	495	330	
3500K											
4000K	115.5	1733	1559	1386	1213	1040	866	693	520	347	
5000K	- 115.5	1733	1009	1380	1213	1040	000	093	520	047	
Correctio	on Factor	1.00	0.90	0.80	0.70	0.60	0.50	0.40	0.30	0.20	



⚠ When using CVMPS150 with LED module, the driver / power supply unit capacity must be based on the maximum load of the connected LED module.

### ORDERING MATRIX

Module		Power		ССТ		Length		Strip Option		
FM5-168	15	15W/m	24	2400K	5M	5m Reel*	N	Bare Strip		
			27	2700K			FB	Aluminium Flat Bar		
			30	3000K						
			35	3500K						
			40	4000K						
			50	5000K						

Example: FM5-168-15-30-5M-N

FM5 flexible linear LED strips are supplied with insulated AWG 20 wires at 150mm length on both ends.

\*Supplied in standard length of 5m per reel, customised lengths are available upon request and additional charges may apply.



### FM5-168 65

### PROFESSIONAL SINGLE CCT FLEXIBLE LINEAR LED MODULE

AVAILABLE OPTIONS 6 CCT OPTIONS SINGLE CCT 2400K 2700K 3000K 3500K 4000K 5000K ProART DRIVER DIMMING AAA PHASE MALI DALI 0-10V MARABLE OPTIONS DIMMABLE DIMMABLE DIMMABLE (ND) (PH) (AN) (DA) DIMENSIONS (MM) [<u>a\$a</u>]a(a(a a a(a(a))) • E 41.67 • Width x Height : 9mm x 4mm (Silicone Sleeve) : 7 LEDs, 41.67mm Cut Section LED Pitch : 6mm • LEDs per Meter : 168 LEDs/m PHOTOMETRICS -90° -60° 60° -309

0



CRI	ProART (CRI~95)
SDCM	3 step MacAdam ellipse
Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C
Voltage	24V DC
Power Options	15W/m (max)
Light Effect	Narrow LED pitch distance for light homogeneity
Luminous Flux	Up to 1733lm/m
Efficacy	Up to 115.5lm/W
Operating Temperature	Ta (min) = -20°C, Ta (max) = +50°C
Wire Connection	Supplied with insulated AWG 20 wires at 150mm length
Ingress Protection	IP65
Beam Angle	120°

		Luminous Flux per meter (lm/m)														
сст	Efficacy	Default	With CVMPS150 Dip Switch Settings *													
	(Im/W)	(Max.)	On "8"	On "7"	On "6"	On "5"	On "4"	On "3"	On "2"	On "1"						
		15W/m	13.5W/m	12W/m	10.5W/m	9W/m	7.5W/m	6W/m	4.5W/m	3W/m						
2400K	94.6	1419	1277	1135	993	851	710	568	426	284						
2700K		110.0 1650														
3000K	110.0		1485	1320	1155	990	825	660	495	330						
3500K																
4000K	115.5	1733	1559	1386	1213	1040	866	693	520	347						
5000K	115.5	1733	1009	1380	1213	1040	000	693	520	347						
Correctio	on Factor	1.00	0.90	0.80	0.70	0.60	0.50	0.40	0.30	0.20						



⚠ When using CVMPS150 with LED module, the driver / power supply unit capacity must be based on the maximum load of the connected LED module.

#### ORDERING MATRIX

Module		Power		ССТ		Length		Sleeve Option
FM5-168	15	15W/m	24	2400K	5M	5m Reel*	SS	IP65 Silicone Sleeve**
			27	2700K				
			30	3000K				
			35	3500K				
			40	4000K				
			50	5000K				

Example: FM5-168-15-30-5M-SS

FM5 flexible linear LED strips are supplied with insulated AWG 20 wires at 150mm length on both ends.

\*Supplied in standard length of 5m per reel, customised lengths are available upon request and additional charges may apply.

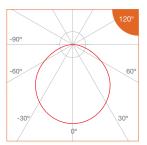


# FM8-168

### PROFESSIONAL SINGLE CCT FLEXIBLE LINEAR LED MODULE



AVAILABLE OPTIONS	
CCT OPTIONS	SINGLE CCT 2400K 2700K 3000K 3500K 4000K 5000K ProART
DRIVER DIMMING OPTIONS	(ND) (PH) (AN) (DA)
ACCESSORIES	Aluminium Flat Bar
DIMENSIONS (MM)	
<ul> <li>Width x Height : 8mm x 1.5r</li> <li>Cut Section : 7 LEDs, 41.</li> <li>LED Pitch : 5.9mm</li> <li>LEDs per Meter : 168 LEDs/r</li> </ul>	67mm
PHOTOMETRICS	





ON

OFF

1 2 3 4 5 6 7 8

\*Please refer to CVMPS150 Dip Switch data sheet for more details.

CRI	ProART (CRI~95)
SDCM	3 step MacAdam ellipse
Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C
Voltage	24V DC
Power Options	15W/m
Light Effect	Narrow LED pitch distance for light homogeneity
Luminous Flux	Up to 1733lm/m
Efficacy	Up to 115.5lm/W
Operating Temperature	Ta (min) = $-20^{\circ}$ C, Ta (max) = $+50^{\circ}$ C
Wire Connection	Supplied with insulated AWG 20 wires at 150mm length
Ingress Protection	IP20
Beam Angle	120°

### SPECIFICATIONS

		Luminous Flux per meter (lm/m)										
сст	Efficacy	Default	With CVMPS150 Dip Switch Settings *									
661	(Im/W)	/) (Max.)	(Max.)	(Max.)	On "8"	On "7"	On "6"	On "5"	On "4"	On "3"	On "2"	On "1"
				15W/m	13.5W/m	12W/m	10.5W/m	9W/m	7.5W/m	6W/m	4.5W/m	3W/m
2400K	94.6	1419	1277	1135	993	851	710	568	426	284		
2700K												
3000K	110.0	1650	1485	1320	1155	990	825	660	495	330		
3500K												
4000K	115.5	1733	1559	1386	1213	1040	866	693	520	347		
5000K	115.5	1733	1009	1380	1213	1040	000	093	520	347		
Correcti	on Factor	1.00	0.90	0.80	0.70	0.60	0.50	0.40	0.30	0.20		

⚠ When using CVMPS150 with LED module, the driver / power supply unit capacity must be based on the maximum load of the connected LED module.

### ORDERING MATRIX

Module		Power		ССТ		Length		Strip Option
FM8-168	15	15W/m	24	2400K	5M	5m Reel*	N	Bare Strip
			27	2700K			FB	Aluminium Flat Bar
			30	3000K				
			35	3500K				
			40	4000K				
			50	5000K				

Example: FM8-168-15-30-5M-N

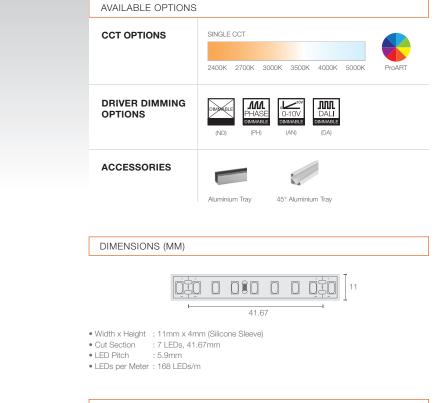
FM8 flexible linear LED strips are supplied with insulated AWG 20 wires at 150mm length on both ends. \*Supplied in standard length of 5m per reel, customised lengths are available upon request and additional charges may apply.



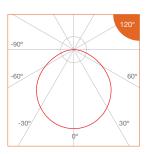
### FM8-168 **b**65

### PROFESSIONAL SINGLE CCT FLEXIBLE LINEAR LED MODULE





### PHOTOMETRICS





ON

OFF

1 2 3 4 5 6 7 8

\*Please refer to CVMPS150 Dip Switch data sheet for more details.

CRI	ProART (CRI~95)
SDCM	3 step MacAdam ellipse
Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C
Voltage	24V DC
Power Options	15W/m
Light Effect	Narrow LED pitch distance for light homogeneity
Luminous Flux	Up to 1733lm/m
Efficacy	Up to 115.5lm/W
Operating Temperature	Ta (min) = -20°C, Ta (max) = +50°C
Wire Connection	Supplied with insulated AWG 20 wires at 150mm length
Ingress Protection	IP65
Beam Angle	120°

### SPECIFICATIONS

		Luminous Flux per meter (lm/m)									
сст	Efficacy	Default	With CVMPS150 Dip Switch Settings *								
661	(Im/W)	(Max.)	On "8"	On "7"	On "6"	On "5"	On "4"	On "3"	On "2"	On "1"	
			15W/m	13.5W/m	12W/m	10.5W/m	9W/m	7.5W/m	6W/m	4.5W/m	3W/m
2400K	94.6	1419	1277	1135	993	851	710	568	426	284	
2700K											
3000K	110.0	1650	1485	1320	1155	990	825	660	495	330	
3500K											
4000K	115.5	1733	1559	1386	1213	1040	866	693	520	347	
5000K	115.5	1733	1009	1300	1213	1040	000	693	520	347	
Correcti	on Factor	1.00	0.90	0.80	0.70	0.60	0.50	0.40	0.30	0.20	

⚠ When using CVMPS150 with LED module, the driver / power supply unit capacity must be based on the maximum load of the connected LED module.

### ORDERING MATRIX

Module		Power	ССТ		Length		Sleeve Option	
FM8-168	15	15W/m	24	2400K	5M	5m Reel*	SS	IP65 Silicone Sleeve**
			27	2700K				
			30	3000K				
			35	3500K				
			40	4000K				
			50	5000K				

Example: FM8-168-15-30-5M-SS

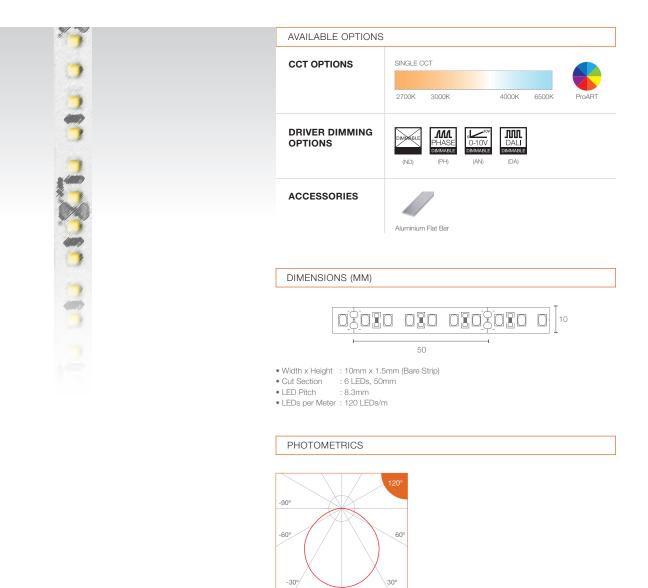
FM8 flexible linear LED strips are supplied with insulated AWG 20 wires at 150mm length on both ends. \*Supplied in standard length of 5m per reel, customised lengths are available upon request and additional charges may apply.

### • Accessories

Aluminium Tray		Finishing		Length	45° Aluminium Tray		Finishing		L
M8-SS-AT	SL	Silver	1000	1000mm	FM8-SS-AT45	SL	Silver	1000	1
le:		 S-AT-SL-1000 illicon Sleeve, Alumin.	ium Turu Oilun	. 1000	Example:		SS-AT45-SL-1000 65, 45° Aluminiur		- 10



# FM10E-120 single cct flexible linear led module

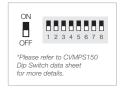


0°



3 step MacAdam ellipse					
Up to 50,000 hours L80 lamp life at Ta = 25°C					
24V DC					
19.2W/m					
Narrow LED pitch distance for light homogeneity					
Up to 1932 lm/m					
Up to 100.6 lm/W					
Ta (min) = $-20^{\circ}$ C, Ta (max) = $+50^{\circ}$ C					
Supplied with insulated AWG 20 wires at 150mm length					
IP20					
120°					

		Luminous Flux per meter (lm/m)									
ССТ	Efficacy	Default			With	CVMPS150 Di	p Switch Set	tings *			
001	(Im/W)	(Max.)	On "8"	On "7"	On "6"	On "5"	On "4"	On "3"	On "2"	On "1"	
		19.2W/m	17.3W/m	15.4W/m	13.4W/m	11.5W/m	9.6W/m	7.7W/m	5.8W/m	3.8W/m	
2700K		1040	1050	1325	927	556	070	111	00	7	
3000K	95.8	1840	1840 1656	1325	927	000	278	111	33	(	
4000K	100.6	1932	1739	1391	974	584	292	117	35	7	
6500K		1932	1739	1391	974	004	292	117	30	1	
Correctio	on Factor	1.00	0.90	0.80	0.70	0.60	0.50	0.40	0.30	0.20	



⚠ When using CVMPS150 with LED module, the driver / power supply unit capacity must be based on the maximum load of the connected LED module.

### ORDERING MATRIX

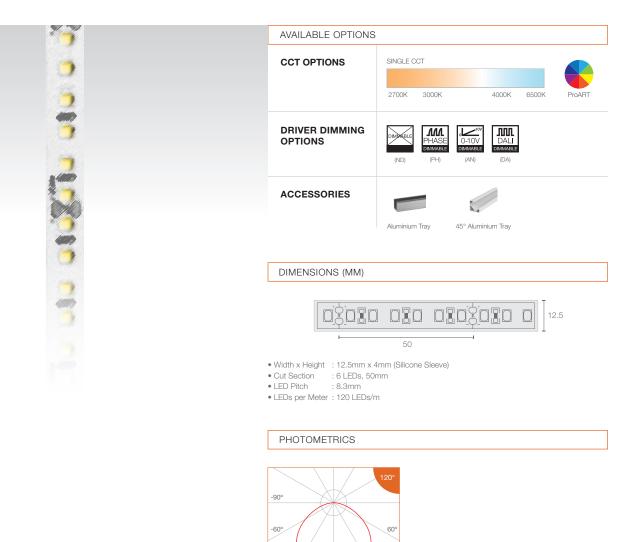
Module		Power		ССТ	CCT Length			Strip Option
FM10E-120	19	19.2W/m	27	2700K	5M	5m Reel*	N	Bare Strip
			30	3000K			FB	Aluminium Flat Bar
			40	4000K				
			65	6500K				

Example: FM10E-120-19-30-5M-N

FM10E flexible linear LED strips are supplied with insulated AWG 20 wires at 150mm length on both ends. \*Supplied in standard length of 5m per reel, customised lengths are available upon request and additional charges may apply.



### FM10E-120 **165** SINGLE CCT FLEXIBLE LINEAR LED MODULE



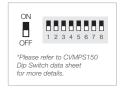
-30%

0



CRI	ProART (CRI~95)
SDCM	3 step MacAdam ellipse
Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C
Voltage	24V DC
Power Options	19.2W/m
Light Effect	Narrow LED pitch distance for light homogeneity
Luminous Flux	Up to 1932 lm/m
Efficacy	Up to 100.6 lm/W
Operating Temperature	Ta (min) = $-20^{\circ}$ C, Ta (max) = $+50^{\circ}$ C
Wire Connection	Supplied with insulated AWG 20 wires at 150mm length
Ingress Protection	IP65
Beam Angle	120°

		Luminous Flux per meter (lm/m)									
ССТ	Efficacy	Default	With CVMPS150 Dip Switch Settings *								
001	(Im/W)	(Max.)	On "8"	On "7"	On "6"	On "5"	On "4"	On "3"	On "2"	On "1"	
			19.2W/m	17.3W/m	15.4W/m	13.4W/m	11.5W/m	9.6W/m	7.7W/m	5.8W/m	3.8W/m
2700K		1040	1050	1325	927	556	278		00	7	
3000K	95.8	3 1840	1656	1325	927	000	278	111	33	(	
4000K	100.6	1932	1739	1391	974	584	292	117	35	7	
6500K		1995	1739	1391	974	084	292	117	30	/	
Correcti	on Factor	1.00	0.90	0.80	0.70	0.60	0.50	0.40	0.30	0.20	



⚠ When using CVMPS150 with LED module, the driver / power supply unit capacity must be based on the maximum load of the connected LED module.

### ORDERING MATRIX

Module		Power	ССТ		Length		Sleeve Option	
FM10E-120	19	19.2W/m	27	2700K	5M	5m Reel*	SS	IP65 Silicon Sleeve
			30	3000K				
			40	4000K				
			65	6500K				

Example: FM10E-120-19-30-5M-SS

FM10E flexible linear LED strips are supplied with insulated AWG 20 wires at 150mm length on both ends. \*Supplied in standard length of 5m per reel, customised lengths are available upon request and additional charges may apply.

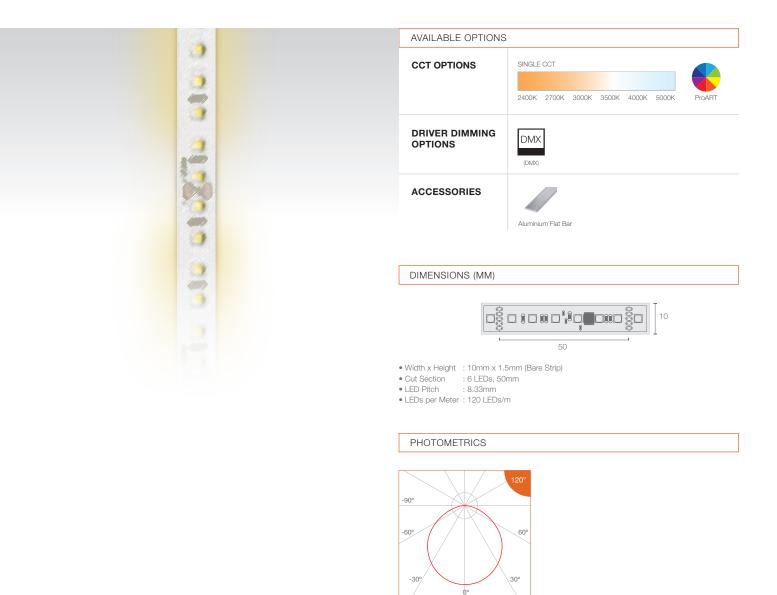
#### Accessories

Aluminium Tray		Finishing		Length	45° Aluminium Tray		Finishing		Length
FM10-SS-AT	SL	Silver	1000	1000mm	FM10-SS-AT45		Silver	1000	1000mm
Example:		SS-AT-SL-1000 Silicon Sleeve, Aluminiu	ım Tray, Silv	er, 1000mm	Example:		SS-AT45-SL-1000 IP65, 45° Aluminiu		er, 1000mm



### FM10 PIX

### PROFESSIONAL SINGLE CCT FLEXIBLE LINEAR 20 PIXELS PER METER PIXEL CONTROL LED MODULE



CRI	ProART (CRI~95)
SDCM	3 step MacAdam ellipse
Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C
Voltage	24V DC
Power Options	15W/m
CCT Options	2400K, 2700K, 3000K, 3500K, 4000K, 5000K
Light Effect	Narrow LED pitch distance for light homogeneity
Luminous Flux	Up to 1575lm/m
Efficacy	Up to 105lm/W
Operating Temperature	Ta (min) = -20°C, Ta (max) = +50°C
Wire Connection	Supplied with insulated AWG 20 wires at 150mm length
Beam Angle	120°

### Media Specifications

	Pixel Density	20 Pixels per meter
	Control Method	DMX 512
-	Length per pixel	50mm
-	Colour Temperature	2400K, 2700K, 3000K, 3500K, 4000K, 5000K

### SPECIFICATIONS

		Luminous Flux per meter (Im/m)
ССТ	Efficacy (Im/W)	Default (Max.)
	(	15W/m
2400K	86	1290
2700K		
3000K	100.0	1500
3500K		
4000K	105.0	1575
5000K	105.0	15/5
Correctio	on Factor	1.00

### ORDERING MATRIX

Module		Power		ССТ		Length		Strip Option	
FM10-20PiX	15	15W/m	24	2400K	5M	5m Reel*	N	Bare Strip	
			27	2700K			FB	Aluminium Flat Bar	
			30	3000K					
			35	3500K					
			40	4000K					
			50	5000K					

Example: FM10-20PiX-15-30-5M-N

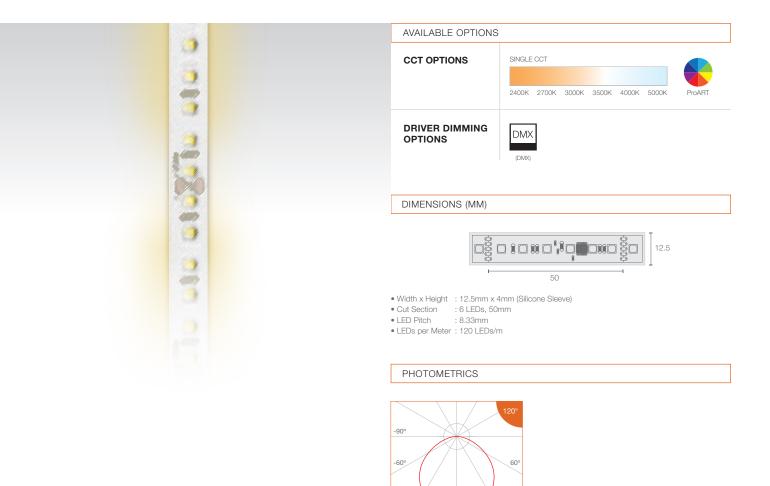
FM10 flexible linear LED strips are supplied with insulated AWG 20 wires at 150mm length on both ends.

\*Supplied in standard length of 5m per reel, customised lengths are available upon request and additional charges may apply.



### FM10 PIX \$65

### PROFESSIONAL SINGLE CCT FLEXIBLE LINEAR 20 PIXELS PER METER PIXEL CONTROL LED MODULE



-30%

30°

	I.
CRI	ProART (CRI~95) *Ra>90, R9>50
SDCM	3 step MacAdam ellipse
Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C
Voltage	24V DC
Power Options	15W/m
CCT Options	2400K, 2700K, 3000K, 3500K, 4000K, 5000K
Light Effect	Narrow LED pitch distance for light homogeneity
Luminous Flux	Up to 1575lm/m
Efficacy	Up to 105lm/W
Operating Temperature	Ta (min) = -20°C, Ta (max) = +50°C
Wire Connection	Supplied with insulated AWG 20 wires at 150mm length
Ingress Protection	IP65 with silicone sleeve
Beam Angle	120°

### Media Specifications

Pixel Density	20 Pixels per meter
Control Method	DMX 512
Length per pixel	50mm
Colour Temperature	2400K, 2700K, 3000K, 3500K, 4000K, 5000K
LEDs per Meter	120 LEDs/m

### SPECIFICATIONS

		Luminous Flux per meter (Im/m)
ССТ	Efficacy (Im/W)	Default (Max.)
	(	15W/m
2400K	86	1290
2700K	100.0	
3000K		1500
3500K		
4000K	105.0	1575
5000K	105.0	1575
Correctio	on Factor	1.00

### ORDERING MATRIX

Module	Power		сст		Length		Sleeve Option	
FM10-20PiX	15	15W/m	24	2400K	5M	5m Reel*	SS	IP65 Silicone Sleeve**
			27	2700K				
			30	3000K				
			35	3500K				
			40	4000K				
			50	5000K				

Example: FM10-20PiX-15-30-5M-SS

FM10 flexible linear LED strips are supplied with insulated AWG 20 wires at 150mm length on both ends. \*Supplied in standard length of 5m per reel, customised lengths are available upon request and additional charges may apply.

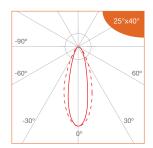


# FM23G-42 P67

### PROFESSIONAL IP67 GRAZER SINGLE CCT FLEXIBLE LINEAR LED MODULE



AVAILABLE OPTIONS							
CCT OPTIONS	SINGLE C 2700K	SINGLE CCT 2700K 3000K 3500K 4000K 5000K F					
DRIVER DIMMING OPTIONS	(ND)	PHASE DIMMABLE (PH)	0-10V DIMMABLE (AN)	DALI DIMMABLE (DA)			
DIMENSIONS (MM)							
• Width x Height : 23mm x 11 • Cut Section : 7 LEDs, 16 • LED Pitch : 23.8mm • LEDs per Meter : 42 LEDs/m	6.6mm	166.6					
PHOTOMETRICS							
-90° -60°	20°	-90° -60°			30°		





CRI	ProART (CRI~95)
SDCM	3 step MacAdam ellipse
Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C
Voltage	24V DC
Power Options	9.6W/m, 14.4W/m, 19.2W/m
Light Effect	Symmetric
Luminous Flux	1788 - 1877 lm/m
Efficacy	93.1 - 97.8 lm/W
Operating Temperature	Ta (min) = $-40^{\circ}$ C, Ta (max) = $+45^{\circ}$ C
Wire Connection	Supplied with insulated AWG 18 wires with IP67 connector at 200mm length
Ingress Protection	IP67 with PU sleeve
Beam Angle	20°, 30°, 25° x 40°

сст	Efficacy	Luminous Flux per meter (lm/m)						
	(Im/W)	19.2W/m 14.4W/m		9.6W/m				
2700K								
3000K	93.1	1788	1344	894				
3500K								
4000K	07.9	1877	1411	939				
5000K	97.8	10/7	1411	939				

### ORDERING MATRIX

Module	Bear	n Angle		Power		ССТ		Length		Sleeve Option	
FM23G-42	20	20°	9	9.6W/m	27	2700K	5M	5m Reel*	PS	IP67 PU Sleeve	
	30	30°	14	14.4W/m	30	3000K					
	25x40	25° x 40°	19	19.2W/m	35	3500K					
					40	4000K					
					50	5000K					

Example: FM23G-42-20-19-30-5M-PS

FM23G flexible linear LED strips are supplied with insulated AWG 20 wires with IP67 connectors at 200mm length on both ends. \*Supplied in standard length of 5m per reel, customised lengths are available upon request and additional charges may apply.

#### • Accessories





Male Connection Cable



Female Connection Cable





 Accessories

 FM23-JC
 2-pin Joint Connector

 FM23-MCC
 2-pin End Connector with 200mm IP67 Male Connection Cable

 FM23-FCC
 2-pin End Connector with 200mm IP67 Female Connection Cable

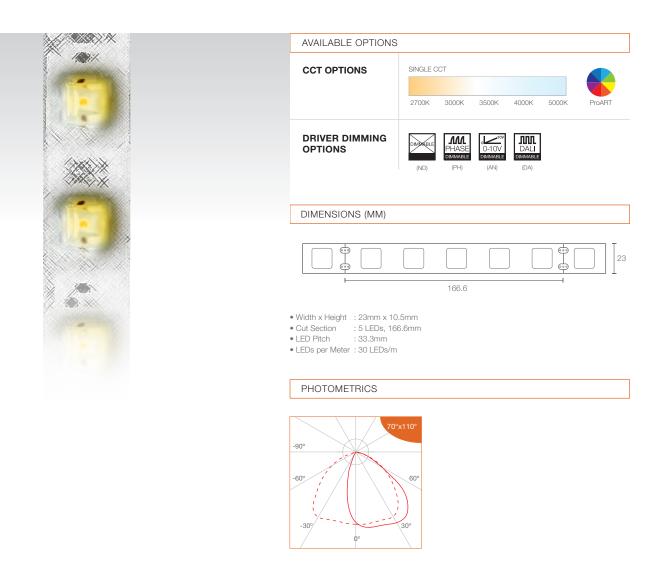
 UVG
 UV Glue, for Sealing IP67 PU Sleeve

 UVL
 UV Light, for Quick Drying of UV Glue (Battery not included)



### FM23VW-30 \$67

### PROFESSIONAL IP67 WALL WASH SINGLE CCT FLEXIBLE LINEAR LED MODULE





CRI	ProART (CRI~95)
SDCM	3 step MacAdam ellipse
Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C
Voltage	24V DC
Power Options	9.6W/m, 14.4W/m, 19.2W/m
Light Effect	Asymmetric
Luminous Flux	1350 - 1418 lm/m
Efficacy	70.6 - 74.2 lm/W
Operating Temperature	Ta (min) = $-40^{\circ}$ C, Ta (max) = $+45^{\circ}$ C
Wire Connection	Supplied with insulated AWG 18 wires with IP67 connector at 200mm length
Ingress Protection	IP67 with PU sleeve
Beam Angle	70° x 110° tilted at 30°

сст	Efficacy	Luminous Flux per meter (lm/m)						
CCT	(Im/W)	19.2W/m	14.4W/m	9.6W/m				
2700K								
3000K	70.6	1350	1014	678				
3500K								
4000K	74.0	1418	1065	712				
5000K	74.2	1410	1005	112				

### ORDERING MATRIX

Module	Power		сст		Length			Sleeve Option
FM23WW-30	9	9.6W/m	27	2700K	5M	5m Reel*	PS	IP67 PU Sleeve
	14	14.4W/m	30	3000K				
	19	19.2W/m	35	3500K				
			40	4000K				
			50	5000K				

Example: FM23WW-30-19-30-5M-PS

FM23WW flexible linear LED strips are supplied with insulated AWG 20 wires with IP67 connectors at 200mm length on both ends. \*Supplied in standard length of 5m per reel, customised lengths are available upon request and additional charges may apply.

### • Accessories



Joint Connector



Male Connection Cable



Female Connection Cable





UV Light

	Accessories
FM23-JC	2-pin Joint Connector
FM23-MCC	2-pin End Connector with 200mm IP67 Male Connection Cable
FM23-FCC	2-pin End Connector with 200mm IP67 Female Connection Cable
UVG	UV Glue, for Sealing IP67 PU Sleeve
UVL	UV Light, for Quick Drying of UV Glue (Battery not included)



# FM10-200 WARM DIM

### PROFESSIONAL SINGLE-CHANNEL DIM-TO-WARM FLEXIBLE LINEAR LED MODULE



AVAILABLE OPTIONS	
CCT OPTIONS	WARM DIM
	3100K 1800K
	ProART WARM DIM
DRIVER DIMMING OPTIONS	
OPTIONS	PHASE DIMABLE DIMABLE DIMABLE DIMABLE DIMABLE
	(i i i j (r-u e) (Ur-v)
ACCESSORIES	
	Aluminium Flat Bar
DIMENSIONS (MM)	
L	
	50
Width x Height : 10mm x 1.4     Cut Section : 10 LEDs, 5	
- Out 060tion . TO EEDS, 0	or nin

### PHOTOMETRICS

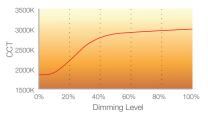




CRI	ProART (CRI~95)
SDCM	3 step MacAdam ellipse
Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C
Voltage	24V DC
Power Options	15W/m
Light Effect	Narrow LED pitch distance for light homogeneity
Luminous Flux	Up to 1650 lm/m
Efficacy	Up to 110 lm/W
Operating Temperature	Ta (min) = $-20^{\circ}$ C, Ta (max) = $+50^{\circ}$ C
Wire Connection	Supplied with insulated AWG 20 wires at 150mm length
Ingress Protection	IP20
Beam Angle	120°

сст	Dimming Level	Efficacy (Im/W)	Luminous Flux per meter (lm/m)
		(	15W/m
1800K	7%	83.6	88
2000K	16%	88.0	211
2200K	20%	92.4	277
2500K	29%	99.0	431
2700K	38%	103.4	589
3000K	100%	110.0	1650

Light gradually becomes warmer when dimmed:



### ORDERING MATRIX

Module		Power	ССТ		Length		Strip Option	
FM10-200	15	15W/m	WD Warm Dim		5M	5m Reel*	N	Bare Strip
							FB	Aluminium Flat Bar

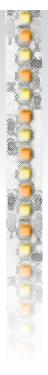
Example: FM10-200-15-WD1831-5M-N

FM10 flexible linear LED strips are supplied with insulated AWG 20 wires at 150mm length on both ends. \*Supplied in standard length of 5m per reel, customised lengths are available upon request and additional charges may apply.



# FM10-200 WARM DIM \$65

### PROFESSIONAL SINGLE-CHANNEL DIM-TO-WARM FLEXIBLE LINEAR LED MODULE



AVAILABLE OPTIONS	
CCT OPTIONS	WARM DIM 3100K 1800K ProART WARM DIM WARM DIM
DRIVER DIMMING OPTIONS	PHASE OMMARLE (PH) (AN) (DA)
ACCESSORIES	Aluminium Tray 45° Aluminium Tray
DIMENSIONS (MM)	

Width x Height : 12.5mm x 4mm (Silicone Sleeve)
 Cut Section : 10 LEDs, 50mm
 LED Pitch : 10mm

• LEDs per Meter : 200 LEDs/m

### PHOTOMETRICS

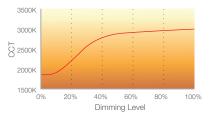




CRI	ProART (CRI~95)
SDCM	3 step MacAdam ellipse
Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C
Voltage	24V DC
Power Options	15W/m
Light Effect	Narrow LED pitch distance for light homogeneity
Luminous Flux	Up to 1650 lm/m
Efficacy	Up to 110 lm/W
Operating Temperature	Ta (min) = -20°C, Ta (max) = +50°C
Wire Connection	Supplied with insulated AWG 20 wires at 150mm length
Ingress Protection	IP65
Beam Angle	120°

сст	Dimming Level	Efficacy (Im/W)	Luminous Flux per meter (lm/m)
		(111/ 00)	15W/m
1800K	7%	83.6	88
2000K	16%	88.0	211
2200K	20%	92.4	277
2500K	29%	99.0	431
2700K	38%	103.4	589
3000K	100%	110.0	1650

Light gradually becomes warmer when dimmed:



### ORDERING MATRIX

Module	Power		ССТ		Length		Sleeve Option	
FM10-200	15	15W/m	WD	Warm Dim	5M	5m Reel*	SS	IP65 Silicone Sleeve

Example: FM10-200-15-WD-5M-SS

FM10 flexible linear LED strips are supplied with insulated AWG 20 wires at 150mm length on both ends. \*Supplied in standard length of 5m per reel, customised lengths are available upon request and additional charges may apply.

#### Accessories

Aluminium Tray		Finishing		Length	45° Aluminium Tray		Finishing		Lengt
FM10-SS-AT	SL	Silver	1000	1000mm	FM10-SS-AT45	SL	Silver	1000	1000
Example:		SS-AT-SL-1000 Silicon Sleeve, Aluminiu	Im Tray, Silv	er, 1000mm	Example:		SS-AT45-SL-1000 IP65, 45° Aluminiu		er, 1000



# FM8-192 tuneWHITE

### PROFESSIONAL DUAL-CHANNEL TUNABLE-WHITE FLEXIBLE LINEAR LED MODULE



AVAILABLE OPTIONS	
CCT OPTIONS	tuneWHITE 1800K 3100K 1800K 4000K 2700K 6500K ProART UneWHITE
DRIVER DIMMING OPTIONS	DALI IMMMABLE (DA)
ACCESSORIES	Aluminium Flat Bar
DIMENSIONS (MM)	
	62.5

- Width x Height : 8mm x 1.5mm (Bare Strip)
- Cut Section : 12 LEDs, 62.
   LED Pitch : 10.4mm
   LEDs per Meter : 192 LEDs/m : 12 LEDs, 62.5mm : 10.4mm

### PHOTOMETRICS





CRI	ProART (CRI~95)
SDCM	3 step MacAdam ellipse
Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C
Voltage	24V DC
Power Options	Max 15W/m per Channel
Light Effect	Narrow LED pitch distance for light homogeneity
Luminous Flux	Up to 1733lm/m per Channel
Efficacy	Up to 115.5lm/W per Channel
Operating Temperature	Ta (min) = -20°C, Ta (max) = +50°C
Wire Connection	Supplied with insulated AWG 20 wires at 150mm length
Ingress Protection	IP20
Beam Angle	120°

### • tuneWHITE 1800K - 3100K

сст	Efficacy	Luminous Flux per meter (lm/m)				
001	(Im/W)	15W/m/Ch	10W/m/Ch	5W/m/Ch		
1800K	83.6	1254	840	414		
3100K	3100K 110.0		1106	545		
Correction Factor		1.00	0.67	0.33		

#### • tuneWHITE 2700K - 6500K

сст	Efficacy	Luminous Flux per meter (lm/m)					
001	(Im/W)	15W/m/Ch	10W/m/Ch	5W/m/Ch			
2700K	110.0	1650	1106	545			
6500K	115.5	1733	1161	572			
Correctio	on Factor	1.00	0.67	0.33			

⚠ The operational power of FM8 TW LED modules must NOT exceed 15W/m (per channel or both channels combined) at all times.

### ORDERING MATRIX

Module	Power		ССТ		Length		Strip Option	
FM8-196	15PC	15W/m per channel	TW1831	tuneWHITE 1800K - 3100K	5M	5m Reel*	Ν	Bare Strip
	10PC	10W/m per channel	TW1840	tuneWHITE 1800K - 4000K			FB	Aluminium Flat Bar
	5PC	5W/m per channel	TW2765	tuneWHITE 2700K - 6500K				

• tuneWHITE 1800K - 4000K

Correction Factor

сст

1800K

4000K

Efficacy (Im/W)

83.6

115.5

Luminous Flux per meter (Im/m)

840

1161

0.67

5W/m/Ch

414

572

0.33

15W/m/Ch 10W/m/Ch

1254

1733

1.00

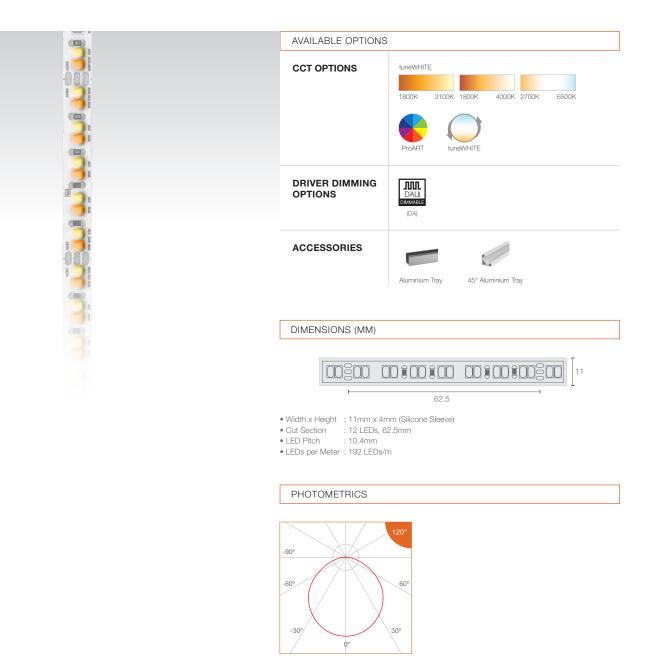
Example: FM8-196-15PC-TW1831-5M-N

FM8 flexible linear LED strips are supplied with insulated AWG 20 wires at 150mm length on both ends. \*Supplied in standard length of 5m per reel, customised lengths are available upon request and additional charges may apply.



# FM8-192 tuneWHITE 65

### PROFESSIONAL DUAL-CHANNEL TUNABLE-WHITE FLEXIBLE LINEAR LED MODULE





CRI	ProART (CRI~95)
SDCM	3 step MacAdam ellipse
Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C
Voltage	24V DC
Power Options	Max 15W/m per Channel
Light Effect	Narrow LED pitch distance for light homogeneity
Luminous Flux	Up to 1733lm/m per Channel
Efficacy	Up to 115.5lm/W per Channel
Operating Temperature	Ta (min) = -20°C, Ta (max) = +50°C
Wire Connection	Supplied with insulated AWG 20 wires at 150mm length
Ingress Protection	IP65
Beam Angle	120°

#### • tuneWHITE 1800K - 3100K

сст	Efficacy	Luminous Flux per meter (lm/m)				
001	(im/W)	15W/m/Ch	10W/m/Ch	5W/m/Ch		
1800K	83.6	1254	840	414		
3100K	110.0	1650	1106	545		
Correction Factor		1.00	0.67	0.33		

#### • tuneWHITE 2700K - 6500K

сст	Efficacy	Luminous Flux per meter (Im/m)					
	(Im/W)	15W/m/Ch	10W/m/Ch	5W/m/Ch			
2700K	110.0	1650	1106	545			
6500K	115.5	1733	1161	572			
Correction Factor		1.00	0.67	0.33			

⚠ The operational power of FM8 TW LED modules must NOT exceed 15W/m (per channel or both channels combined) at all times.

### ORDERING MATRIX

Module		Power	сст			Length		Sleeve Option
FM8-196	15PC	15W/m per channel	TW1831	tuneWHITE 1800K - 3100K	5M	5m Reel*	SS	IP65 Silicone Sleeve**
	10PC	10W/m per channel	TW1840	tuneWHITE 1800K - 4000K				
	5PC	5W/m per channel	TW2765	tuneWHITE 2700K - 6500K				

• tuneWHITE 1800K - 4000K

Correction Factor

сст

1800K

4000K

Efficacy (Im/W)

83.6

115.5

1254

1733

1.00

Luminous Flux per meter (lm/m)

15W/m/Ch 10W/m/Ch 5W/m/Ch

840

1161

0.67

414

572

0.33

Example: FM8-192-15PC-TW1831-5M-SS

FM8 flexible linear LED strips are supplied with insulated AWG 20 wires at 150mm length on both ends. \*Supplied in standard length of 5m per reel, customised lengths are available upon request and additional charges may apply.

\*\*IP65 Silicon sleeve is only valid for 5W/m per Channel and 10W/m per Channel power only.

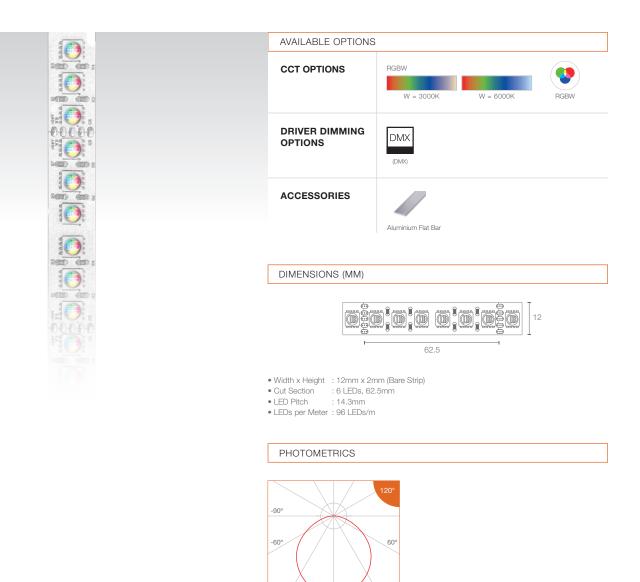
#### • Accessories

Aluminium Tray		Finishing		Length	45° Aluminium Tray		Finishing		Lengt
FM8-SS-AT	SL	Silver	1000	1000mm	FM8-SS-AT45	SL	Silver	1000	1000r
Example:		  S-AT-SL-1000  ilicon Sleeve, Aluminiur	n Tray, Silve	r, 1000mm	Example:		SS-AT45-SL-1000 965, 45° Aluminium		r, 1000mr



# FM12-96 RGBW

PROFESSIONAL RGBW FLEXIBLE LINEAR LED MODULE



-30%

30°

0



Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C
Voltage	24V DC
Power Options	15W/m
Light Effect	Narrow LED pitch distance for light homogeneity
Operating Temperature	Ta (min) = -20°C, Ta (max) = +50°C
Wire Connection	Supplied with insulated AWG 24 wires at 150mm length
Ingress Protection	IP20
Beam Angle	120°

#### SPECIFICATIONS

Light Colour	Efficacy (Im/W)	Luminous Flux per meter (lm/m) 15W/m	RGB Wavelength (nm) / White CCT
Red	50.0	126	620 - 630
neu	50.0	(@2.52W)	020 - 030
Green	76.0	271	515 - 525
Green	76.0	(@3.57W)	010 - 020
Blue	20.3	72	460 - 470
Biue	20.3	(@3.57W)	400 - 470
White	110.0	587	3000K
white	110.0	(@5.34W)	6000K

#### ORDERING MATRIX

Module		Power	ССТ		Length		Strip Option	
FM12-96	15	15W/m	RGBW30	RGBW(3000K)	5M	5m Reel*	N	Bare Strip
			RGBW60	RGBW(6000K)			FB	Aluminium Flat Bar

Example: FM12-96-15-RGBW30-5M-N

FM12 flexible linear LED strips are supplied with insulated AWG 20 wires at 150mm length on both ends. \*Supplied in standard length of 5m per reel, customised lengths are available upon request and additional charges may apply.



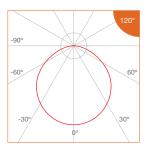
# FM12-96 RGBW 65

PROFESSIONAL RGBW FLEXIBLE LINEAR LED MODULE



AVAILABLE OPTIONS	
CCT OPTIONS	RGBW W = 3000K W = 6000K RGBW
DRIVER DIMMING OPTIONS	
ACCESSORIES	Aluminium Tray 45° Aluminium Tray
DIMENSIONS (MM)	
	62.5
Width x Height : 14.5mm x 4     Out Section : 6 LEDs, 62.     LED Pitch : 14.3mm     LEDs per Meter : 96 LEDs/m	

### PHOTOMETRICS





Up to 50,000 hours L80 lamp life at Ta = 25°C
24V DC
15W/m
Narrow LED pitch distance for light homogeneity
Ta (min) = -20°C, Ta (max) = +50°C
Supplied with insulated AWG 24 wires at 150mm length
IP65
120°

#### SPECIFICATIONS

Light Colour	Efficacy (Im/W)	Luminous Flux per meter (lm/m) 15W/m	RGB Wavelength (nm) / White CCT
Red	50.0	126	620 - 630
neu	50.0	(@2.52W)	020 - 030
Green	76.0	271	515 - 525
Green	76.0	(@3.57W)	515-525
Blue	20.3	72	460 - 470
Blue	20.3	(@3.57W)	460 - 470
White	110.0	587	3000K
white	110.0	(@5.34W)	6000K

#### ORDERING MATRIX

Module		Power		ССТ	Length		Strip Option		
FM12-96	15	15W/m	RGBW30	RGBW(3000K)	5M	5m Reel*	SS	IP65 Silicone Sleeve**	
			RGBW60	RGBW(6000K)					

Example: FM12-96-15-RGBW30-5M-SS

FM12 flexible linear LED strips are supplied with insulated AWG 20 wires at 150mm length on both ends. \*Supplied in standard length of 5m per reel, customised lengths are available upon request and additional charges may apply.

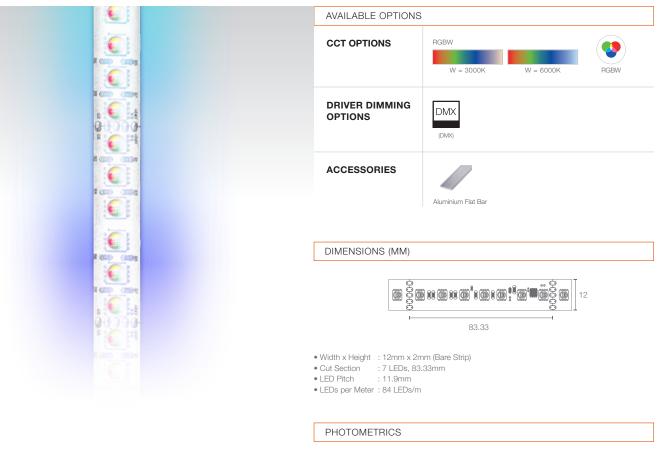
#### Accessories

Aluminium Tray	Finishing		Finishing Length		45° Aluminium Tray		Finishing		Length	
FM12-SS-AT	SL	Silver	1000	1000mm	FM12-SS-AT45	SL	Silver	1000	1000mm	
Example:	FM12-SS-AT-SL-1000 FM12 Silicon Sleeve, Aluminium Tray, Silver, 1000mm				Example:		SS-AT45-SL-1000 P65, 45° Aluminiu		ər, 1000mm	



# FM12 RGBW PX

### PROFESSIONAL RGBW FLEXIBLE LINEAR 12 PIXELS PER METER PIXEL CONTROL LED MODULE





Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C
Voltage	24V DC
Power Options	15W/m
Light Colours	Vibrant Red, Green and Blue, with White at 3000K / 6000K
Light Effect	Narrow LED pitch distance for light homogeneity
Operating Temperature	Ta (min) = -20°C, Ta (max) = +50°C
Wire Connection	Supplied with insulated AWG 20 wires at 150mm length
Ingress Protection	IP20
Beam Angle	120°

#### Media Specifications

Pixel Density	RGBW: 12 Pixel per meter
Control Method	DMX 512
Length per pixel	83.3mm
Colour Temperature	RGBW(3000K), RGBW(6000K)

#### SPECIFICATIONS

Light Colour	Efficacy (Im/W)	Luminous Flux per meter (lm/m) 15W/m	RGB Wavelength (nm) / White CCT
Red	50.0	126	620 - 630
neu	50.0	(@2.52W)	020 - 030
Green	76.0	271	515 - 525
Green	76.0	(@3.57W)	515-525
Blue	20.3	72	460 - 470
Biue	20.3	(@3.57W)	460 - 470
White	110.0	587	3000K
vvnite	110.0	(@5.34W)	6000K

#### ORDERING MATRIX

Module		Power	ССТ		Length		Strip Option	
FM12-12PiX	15	15W/m	RGBW30	RGBW(3000K)	BW(3000K) 5M 5m Reel*		N	Bare Strip
			RGBW60	RGBW(6000K)			FB	Aluminium Flat Bar

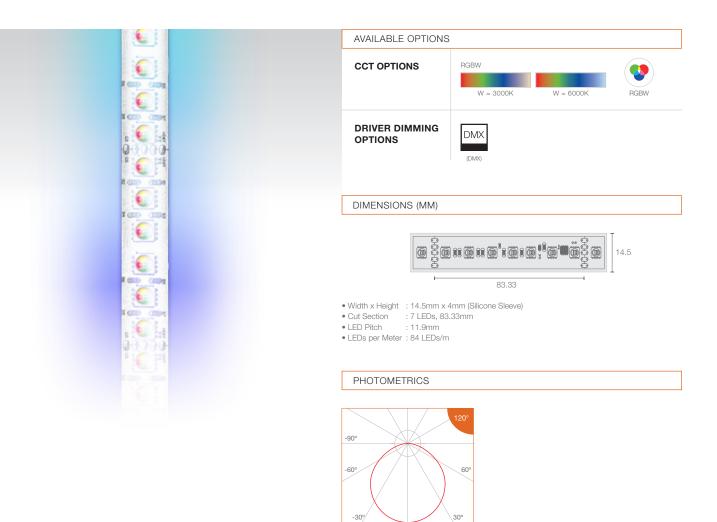
Example: FM12-12PiX-15-RGBW30-5M-N

FM12 flexible linear LED strips are supplied with insulated AWG 20 wires at 150mm length on both ends. \*Supplied in standard length of 5m per reel, customised lengths are available upon request and additional charges may apply.



# FM12 RGBW P1X \$65

### PROFESSIONAL RGBW FLEXIBLE LINEAR 12 PIXELS PER METER PIXEL CONTROL LED MODULE



0

Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C
Voltage	24V DC
Power Options	15W/m
Light Colours	Vibrant Red, Green and Blue, with White at 3000K / 6000K
Light Effect	Narrow LED pitch distance for light homogeneity
Operating Temperature	Ta (min) = -20°C, Ta (max) = +50°C
Wire Connection	Supplied with insulated AWG 20 wires at 150mm length
Ingress Protection	IP65 with silicone sleeve
Beam Angle	120°

#### Media Specifications

Pixel Density	RGBW: 12 Pixel per meter				
Control Method	DMX 512				
Length per pixel	83.3mm				
Colour Temperature	RGBW(3000K), RGBW(6000K)				

#### SPECIFICATIONS

Light Colour	Efficacy (Im/W)	Luminous Flux per meter (lm/m) 15W/m	RGB Wavelength (nm) / White CCT	
Red	50.0	126	620 - 630	
neu	50.0	(@2.52W)	020 - 030	
Green	76.0	271	515 - 525	
Green	76.0	(@3.57W)	515-525	
Blue	20.3	00.0	72	400 470
Biue	20.3	(@3.57W)	460 - 470	
White	110.0	587	3000K	
white	110.0	(@5.34W)	6000K	

#### ORDERING MATRIX

Module		Power		ССТ		Length		Strip Option
FM12-12PiX	15	15W/m	RGBW30	RGBW(3000K)	5M	5m Reel*	SS	IP65 Silicone Sleeve**
			RGBW60	RGBW(6000K)				

Example: FM12-12PiX-15-RGBW30-5M-SS

FM12 flexible linear LED strips are supplied with insulated AWG 20 wires at 150mm length on both ends.

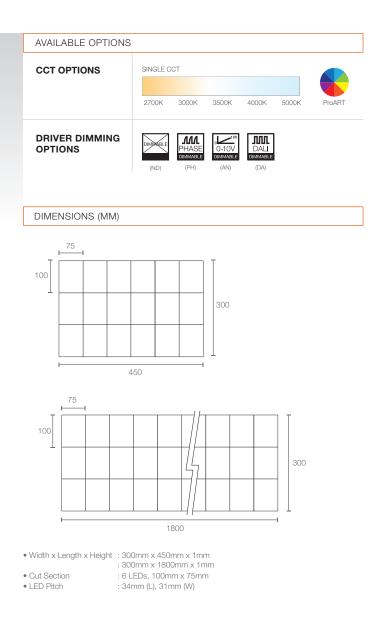
\*Supplied in standard length of 5m per reel, customised lengths are available upon request and additional charges may apply.

\*\*IP65 Silicon sleeve is only valid for 10W/m power only.



# FBM100L75 single cct flexible backlighting led module







CRI	ProART (CRI~95)
SDCM	3 step MacAdam ellipse
Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C
Voltage	24V DC
Power Options	2W per cut section
Light Effect	Close LED pitch distance for light homogeneity
Luminous Flux	Up to 231 Im per cut section
Efficacy	Up to 115.5 lm/W
Operating Temperature	Ta (min) = $-20^{\circ}$ C, Ta (max) = $+50^{\circ}$ C
Wire Connection	Clip-on connectors for module-to-module connection, clip-on connectors with insulated AWG 24 wires at 200mm length for module-to-driver connection
Ingress Protection	IP20
Beam Angle	120°

#### PHOTOMETRICS



#### SPECIFICATIONS

		Luminous	s Flux (lm)		
сст	Efficacy	2W	36W		
001	(Im/W)	1 x Cut Section	18 x Cut Section		
		100mm x 75mm	300mm x 450mm		
2700K					
3000K	110.0	220	3960		
3500K					
4000K	115.5	231	4158		
5000K	115.5	201	4158		

#### ORDERING MATRIX

Module		Power		ССТ	1	Length	Clip-on Connector			
FBM100L75	2	2W per cut section	27	2700K	450	450mm	FBM100L75	2PCM	2-pin clip-on connector for module-to-module connection	
			30	3000K	1800	1800mm		2PCD	2-pin clip-on connector with wire for driver connection	
			35	3500K						
			40	4000K			Example: FBM100L75-2PCM			
			50	5000K						

Example: FBM100L75-2-30-1800



# FBM100L75 TW

### DUAL-CHANNEL TUNABLE-WHITE FLEXIBLE BACKLIGHTING LED MODULE



AVAILABLE OPTIONS	3
CCT OPTIONS	tuneWHITE 2700K 6500K ProART tuneWHITE
DRIVER DIMMING OPTIONS	DALL CHAMABLE (DA)
DIMENSIONS (MM)	
Cut Section : 12	00mm x 450mm x 1mm 00mm x 1800mm x 1mm 2 LEDs, 100mm x 75mm Imm (L), 31mm (W)



CRI	ProART (CRI~95)
SDCM	3 step MacAdam ellipse
Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C
Voltage	24V DC
Power Options	2W per channel per cut section
Light Effect	Close LED pitch distance for light homogeneity
Luminous Flux	Up to 231 Im per channel cut section
Efficacy	Up to 115.5 lm/W
Operating Temperature	Ta (min) = $-20^{\circ}$ C, Ta (max) = $+50^{\circ}$ C
Wire Connection	Clip-on connectors for module-to-module connection, clip-on connectors with insulated AWG 24 wires at 200mm length for module-to-driver connection
Ingress Protection	IP20
Beam Angle	120°

#### PHOTOMETRICS



#### SPECIFICATIONS

		Luminous Flux (Im)						
сст	Efficacy	2W/Ch	36W/Ch					
001	(Im/W)	1 x Cut Section	18 x Cut Section 300mm x 450mm					
		100mm x 75mm						
2700K	110.0	220	3960					
6500K	115.5	231	4158					

#### ORDERING MATRIX

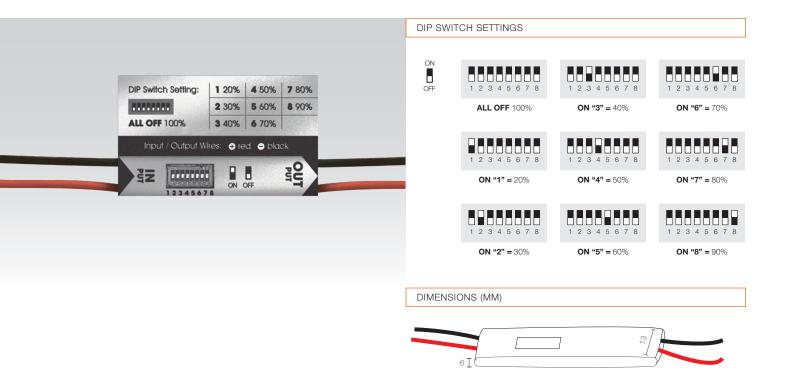
Module		Power		ССТ	L	.ength				Clip-on Connector
FBM100L75	2PC	2W per cut section	TW2765	tuneWHITE 2700K - 6500K	450	450mm		FBM100L75	3PCM 3PCD	3-pin clip-on connector for module-to-module connection 3-pin clip-on connector with wire for driver connection
					1800	1800mm				
	Example: FBM100L75-3PCM									

Example: FBM100L75-2-TW2765-1800



# CVMPS150

## CONSTANT VOLTAGE MODULE POWER SELECTOR 150W



51



Туре	A device that flexibly reduces the power of 24V constant voltage single CCT LED modules, with 8 selectable ratios of the original rated power.
Power Ratios	90%, 80%, 70%, 60%, 50%, 40%, 30%, 20%
Rated Power	150W (maximum load)
Voltage	24V DC
Operating Temperature	Ta (min) = -20°C, Ta (max) = +50°C
Wire Connection	Supplied with insulated AWG 20 wires at 200mm length
Ingress Protection	IP20
PWM Dimming	Only compatible with 1000Hz PWM frequency for dimming application
Driver / Power Supply Unit	The capacity of the driver / power supply unit used must be based on the maximum load of the connected LED module.

#### ORDERING MATRIX

### Model

CVMPS150

Example: CVMPS150