

# BEEM RAIL

## HANDRAIL LIGHT SERIES

A series of small sized luminaires for handrail installation to illuminate walkways along the handrails. Beem Rail series luminaires are available in linear and round forms, which are suitable for both round and square shaped handrails.

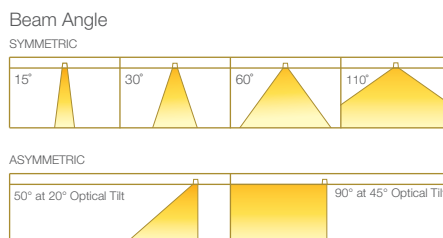
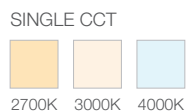


### Fixture Features

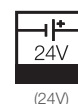


IP65 IP67

### Module Colour Temperature Variation



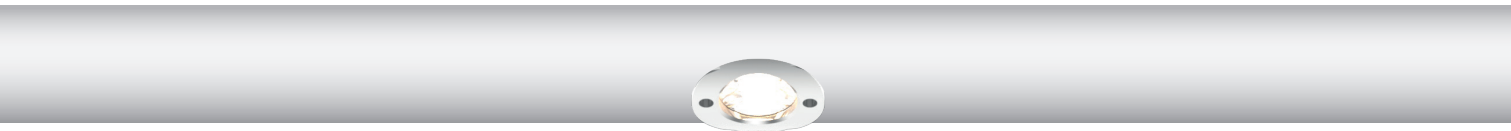
### Driver Dimming Variation










# BEEM RAIL MICRO 67

1.2W SYMMETRIC OR ASYMMETRIC HANDRAIL LIGHT

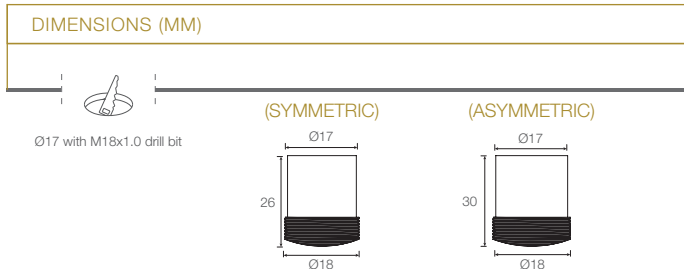
#MICRO



AVAILABLE OPTIONS

<b>FIXTURE</b> COLOUR OPTIONS	Trim Colour Options	CHROME						
								
<b>LED MODULE</b>	SINGLE CCT				SYMMETRIC	ASYMMETRIC		
		2700K	3000K	4000K	15°	30°	60°	50° at 20° Optical Tilt
								
<b>DRIVER</b> DIMMING								
	<i>*24V drivers are not included and are sold separately</i>							

DIMENSIONS (MM)



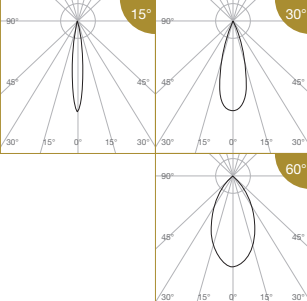
SPECIFICATIONS

Family Type	Beem Rail Series
Input Voltage	24V DC Constant Voltage
Input Power	1.2W
Lifetime	50,000 hours (80% lumen maintenance at Ta = 25°C), B10
Beam Angles	Symmetric - 15°, 30°, 60° Asymmetric - 50° at 20° optical tilt
Colour Temperatures	2700K, 3000K, 4000K

CRI	High Efficiency (CRI-85)
SDCM	3 steps MacAdam ellipse binning
Driver (Dimming)	Non-dimmable
Materials	Stainless steel, plastic
Ingress Protection	IP67
Regulatory Markings	CE, RoHS
Weight	0.05g

PHOTOMETRICS

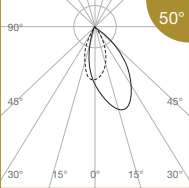
BEEM RAIL MICRO SYMMETRIC



Height (m)		Emax (lx)			BEEM RAIL MICRO SYMMETRIC		Luminous Flux (lm)
		15°	30°	60°	Input Power	CRI	3000K
1	E(0°)	713	359	120	1.2W	High Efficiency CRI-85	15°, 30°, 60°
	Cone Ø (m)	0.26	0.52	1.02			
2	E(0°)	178	90	30	1.2W	High Efficiency CRI-85	103
	Cone Ø (m)	0.53	1.05	2.04			
3	E(0°)	79	40	13	1.2W	High Efficiency CRI-85	103
	Cone Ø (m)	0.79	1.57	3.06			
4	E(0°)	45	22	7	1.2W	High Efficiency CRI-85	103
	Cone Ø (m)	1.05	2.10	4.08			
5	E(0°)	29	14	5	1.2W	High Efficiency CRI-85	103
	Cone Ø (m)	1.32	2.62	5.10			

Data are based on 3000K (ProART CRI-95). Nominal data of 2700K and 3500K are shared with 3000K. Higher CCT of 4000K and 5000K will have a nominal data value of 5% higher than published. (f = 1.05)  
Nominal CRI-85, equals to Ra>80-87, R9>0

BEEM RAIL MICRO ASYMMETRIC



Meter		Emax (lx)		BEEM RAIL MICRO ASYMMETRIC		Luminous Flux (lm)
		50°		Input Power	CRI	3000K
1	E (20°)	110		1.2W	High Efficiency CRI-85	50° at 20° optical tilt
2	E (20°)	28				
3	E (20°)	12		1.2W	High Efficiency CRI-85	78
4	E (20°)	7				
5	E (20°)	4		1.2W	High Efficiency CRI-85	78
	E (20°)	4				

Data are based on 3000K (ProART CRI-95). Nominal data of 2700K and 3500K are shared with 3000K. Higher CCT of 4000K and 5000K will have a nominal data value of 5% higher than published. (f = 1.05)  
Nominal CRI-85, equals to Ra>80-87, R9>0

ORDERING MATRIX CHART

Fixture			LED Module			
Type	Angle	Colour	LED Power	Beam Angle	Colour Temp	CRI
BEEMRAIL-MICRO	SYM Symmetric	CR Chrome	1 1.2W	15 15°	27 2700K	HE Ra-85
				30 30°	30 3000K	
				60 60°	40 4000K	

example: BEEMRAIL-MICRO.SYM.CR.1.60.27.HE

Fixture			LED Module			
Type	Angle	Colour	LED Power	Beam Angle	Colour Temp	CRI
BEEMRAIL-MICRO	ASM Asymmetric	CR Chrome	1 1.2W	50 50°	27 2700K	HE Ra-85
					30 3000K	
					40 4000K	

example: BEEMRAIL-MICRO.ASM.CR.1.50.27.HE

\*Drivers for BEEM RAIL Series are sold separately.