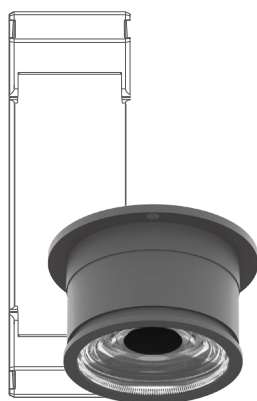


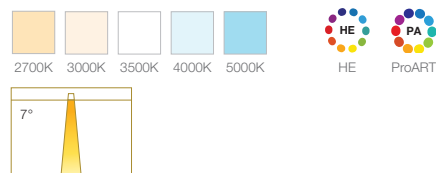
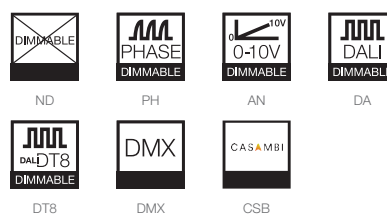
50 PLE HI (7°)

6.2W HIGH INTENSITY NARROW SPOT LED MODULE



AVAILABLE OPTIONS

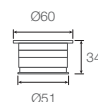
LED MODULE

DRIVER
DIMMING

TECHNOLOGY AND FEATURES

Advanced Thermal
Protection SystemLow Flicker,
No Risk
(IEEE 1789)Converging Optical Lens
Maximising LOR

DIMENSIONS (MM)



SPECIFICATIONS

Family Type	50 Series
Typical Operating Voltage	12V
Typical Operating Current	500mA
System / Input Power	7.6W
Lifetime	50,000 hours (80% lumen maintenance at Ta = 25°C), B10
Beam Angles	7°
Colour Temperatures	2700K, 3000K, 3500K, 4000K, 5000K
CRI	High Efficiency (CRI~85), ProART (CRI~95)
SDCM	2 step MacAdam ellipse binning

Ingress Protection	IP54 (LED module only)
Dimming	Non-dim, phase (leading & trailing edge), 0-10V, DALI
Mains Voltage	220-240V, 50Hz
Power Factor	>0.9
Fire Safety	Glow wire test 850°C, UL94V-0, VW-1
Flammability Mark	F
Safety Class	Class 2
Standards	IEC 62031, IEC 61347-2-13
Regulatory Markings	CE, CB, CCC, RCM, BIS, RoHS

50 PLE HIGH INTENSITY (7°)

Height (m)	E(0°)	Emax (lx)	ELR LED Module				Luminous Flux (lm)	
			Type	LED Power	System Power	CRI	3000K	7°
			50 PLE HI	6.2W	7.6W	High Efficiency CRI~85 ProART CRI~95	355 302	
1	E(0°)	15819						
	Cone Ø (m)	0.11						
2	E(0°)	3955						
	Cone Ø (m)	0.22						
3	E(0°)	1758						
	Cone Ø (m)	0.32						
4	E(0°)	989						
	Cone Ø (m)	0.43						
5	E(0°)	633						
	Cone Ø (m)	0.54						

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)
High Efficiency CRI~85 will have a nominal data value of 15% higher than published. (f = 1.17)

Nominal CRI~85, equals to Ra>80~87, R9>0
Nominal CRI~95, equals to Ra>90~97, R9>50

ORDERING MATRIX CHART

LED Module							
LED Power		Beam Angle		Colour Temp		CRI	
ELR50PLE-HI.6	6.2W	7	7°	27	2700K	HE PA	Ra~85 ProART
				30	3000K		
				35	3500K		
				40	4000K		
				50	5000K		

example: ELR50PLE-HI.6.7.40.PA

Driver					
Type		Dimming		Output Power	
MP.DRN.12	Modular Pro Driver 12V	ND	Non-Dim	6	6.2W
		PH	Phase		
		AN	0-10V		
		DA	DALI		
		DMX	DMX		
		CSB	Casambi		

example: MPDRN.12.DA.6

Note: Please ensure that LED Power of LED module matches the Output Power of driver when ordering.

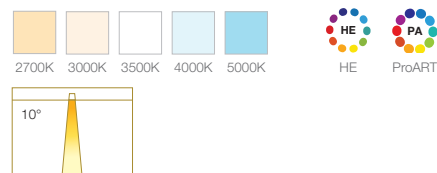
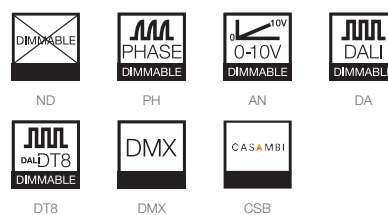
50 PLE HI (10°)

8W HIGH INTENSITY NARROW SPOT LED MODULE



AVAILABLE OPTIONS

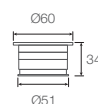
LED MODULE

DRIVER
DIMMING

TECHNOLOGY AND FEATURES

Advanced Thermal
Protection SystemLow Flicker,
No Risk
(IEEE 1789)Converging Optical Lens
Maximising LOR

DIMENSIONS (MM)



SPECIFICATIONS

Family Type	Aluminium, plastic
Typical Operating Voltage	34V
Typical Operating Current	230mA
System / Input Power	9.8W
Lifetime	50,000 hours (80% lumen maintenance at Ta = 25°C), B10
Beam Angles	10°
Colour Temperatures	2700K, 3000K, 3500K, 4000K, 5000K
CRI	High Efficiency (CRI~85), ProART (CRI~95), ProART98 (CRI~98)
SDCM	2 step MacAdam ellipse binning

Ingress Protection	IP54 (LED module only)
Dimming	Non-dim, phase (leading & trailing edge), 0-10V, DALI
Mains Voltage	220-240V, 50Hz
Power Factor	>0.9
Fire Safety	Glow wire test 850°C, UL94V-0, VW-1
Flammability Mark	F
Safety Class	Class 2
Standards	IEC 62031, IEC 61347-2-13
Regulatory Markings	CE, CB, CCC, RCM, BIS, TIS, SIRIM-ST, RoHS

50 PLE HIGH INTENSITY (10°)

Height (m)	E(0°)	Emax (lx)	ELR LED Module				Luminous Flux (lm)	
			Type	LED Power	System Power	CRI	3000K	10°
							3000K	10°
1	E(0°)	11677	50 PLE HI	8W	9.8W	High Efficiency CRI~85	660	
	Cone Ø (m)	0.19				ProART CRI~95	561	
	E(0°)	2919				ProART98 CRI~98	462	
2	Cone Ø (m)	0.37						
	E(0°)	1297						
3	Cone Ø (m)	0.56						
	E(0°)	730						
4	Cone Ø (m)	0.74						
	E(0°)	467						
5	Cone Ø (m)	0.93						

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) High Efficiency CRI~85 will have a nominal data value of 15% higher than published. (f = 1.17) ProART98 CRI~98 will have a nominal data value of 18% lower than published. (f = 0.82)

Nominal CRI~85, equals to Ra>80~87, R9>0
Nominal CRI~95, equals to Ra>90~97, R9>50
Nominal CRI~98, equals to Ra>97~99, R9>93

ORDERING MATRIX CHART

LED Module					
LED Power		Beam Angle		Colour Temp	
				CRI	
ELR50PLE-HI.8	8W	10	10°	27	2700K
				30	3000K
				35	3500K
				40	4000K
				50	5000K

example: ELR50PLE-HI.8.10.40.PA

Driver					
Type		Dimming		Output Power	
MP.DRA	Modular Pro ATePS Driver	ND	Non-Dim	8	8W
		PH	Phase		
		AN	0-10V		
		DA	DALI		
		DMX	DMX		

example: MP.DRA.DA.8

Note: Please ensure that LED Power of LED module matches the Output Power of driver when ordering.