

50 PLE ComfySHIFT

8W CANDLE-WARM ComfySHIFT LED MODULE



AVAILABLE OPTIONS

LED MODULE



ProART



ComfySHIFT



Dome Diffuser:

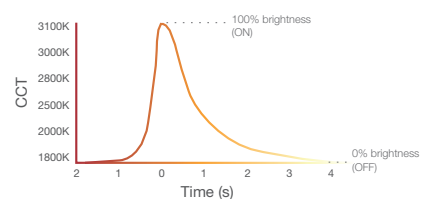
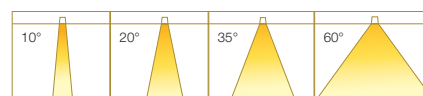


Ø120



Ø80

Ø55



DRIVER

DIMMING



PH

TECHNOLOGY AND FEATURES



Low Flicker,
No Risk
(IEEE 1789)



Converging Optical Lens
Maximising LOR

DIMENSIONS (MM)



(Driver)
L53 x Ø54

LED Module

SPECIFICATIONS

Family Type	50 Series
Typical Operating Voltage	34V
Typical Operating Current	230mA
System / Input Power	9.8W
Colour	Black
Materials	Aluminium, plastic
Compatibility	Compatible with ELR size-3 fixtures or most MR16 fittings, ELR size-4 fixtures or most AR70 fittings with optional mounting brackets.
Lifetime	50,000 hours (80% lumen maintenance at Ta = 25°C), B10
Beam Angles	10°, 20°, 35°, 60°
Colour Temperatures	ComfySHIFT (3100K - 1800K)
CRI	ProART (CRI-95)
SDCM	2 step MacAdam ellipse binning

Ingress Protection	IP40 for 10° beam, IP54 for 20°/35°/60° beam (LED module only)
Weight	120g (LED module), 100g (driver)
Dimming	Non-dim, phase (leading & trailing edge), 0-10V, DALI
Mains Connection	Screw terminals for convenient connection
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 ComfySHIFT

Height (m)		Emax (lx)			
		10°	20°	35°	60°
1	E(0°)	3480	2864	1684	651
	Cone Ø (m)	0.27	0.34	0.58	1.10
2	E(0°)	870	716	421	163
	Cone Ø (m)	0.54	0.68	1.15	2.20
3	E(0°)	387	318	187	72
	Cone Ø (m)	0.81	1.03	1.73	3.30
4	E(0°)	217	179	105	41
	Cone Ø (m)	1.08	1.37	2.31	4.40
5	E(0°)	139	115	67	26
	Cone Ø (m)	1.35	1.71	2.89	5.50

ELR LED Module				Luminous Flux (lm)			
Type	LED Power	System Power	CRI	3000K			
				10°	20°	35°	60°
50 PLE CS	8W	9.8W	ProART CRI-95	640	640	640	640

Data are based on maximum output at 3100K.

Nominal CRI-95, equals to Ra>90-97, R9>50

ORDERING MATRIX CHART

LED Module			
LED Power	Beam Angle	Colour Temp	CRI
ELR50PLE.8	8W	10°	CS ComfySHIFT
		20°	PA ProART
		35°	
		60°	
	DD55	Ø55mm Dome Diffuser	
	DD80	Ø80mm Dome Diffuser	
	DD120	Ø120mm Dome Diffuser	

example: ELR50PLE.8.35.CS.PA.ND

Driver			
Type	Dimming	Output Power	Colour Temp
MP.DRN	Modular Pro Driver	ND Non-Dim	8 8W
			CS ComfySHIFT

example: MP.DRN.ND.8.CS

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