

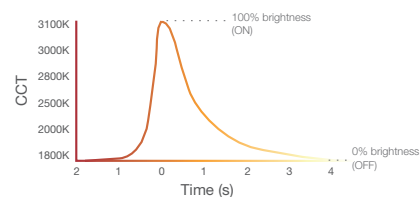
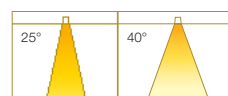
20 PRO ComfySHIFT

8W CANDLE-WARM ComfySHIFT LED MODULE



AVAILABLE OPTIONS

LED MODULE



DRIVER

DIMMING



PH

TECHNOLOGY AND FEATURES

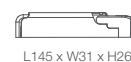


Low Flicker,
No Risk
(IEEE 1789)



Converging Optical Lens
Maximising LOR

DIMENSIONS (MM)



SPECIFICATIONS

Family Type	20 Series
Typical Operating Voltage	34V
Typical Operating Current	230mA
System / Input Power	9.8W
Colour	Black
Materials	Aluminium, plastic
Compatibility	Compatible with ELR size-2 fixtures or most MR11 fittings.
Lifetime	50,000 hours (80% lumen maintenance at Ta = 25°C), B10
Beam Angles	25°, 40°
Colour Temperatures	ComfySHIFT (3100K - 1800K)
CRI	ProART (CRI-95)
SDCM	2 step MacAdam ellipse binning

Ingress Protection	IP54 (LED module only)
Weight	80g (LED module), 92g (driver)
Dimming	Non-dim
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

20 PRO ComfySHIFT

Height (m)		E _{max} (lx)		ELR LED Module				Luminous Flux (lm)	
		25°	40°	Type	LED Power	System Power	CRI	3100K	
1	E(0°)	2217	1188	20 Pro CS	8W	9.8W	ProART CRI-95	25°	40°
	Cone Ø (m)	0.45	0.72					640	640
2	E(0°)	554	297						
	Cone Ø (m)	0.91	1.45						
3	E(0°)	246	132						
	Cone Ø (m)	1.36	2.17						
4	E(0°)	139	74						
	Cone Ø (m)	1.82	2.90						
5	E(0°)	89	48						
	Cone Ø (m)	2.27	3.62						

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
ELR20P.8	8W	25° 40°	CS ComfySHIFT PA ProART

example: ELR20P.8.40.CS.PA

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.