

35 PRO WARM DIM

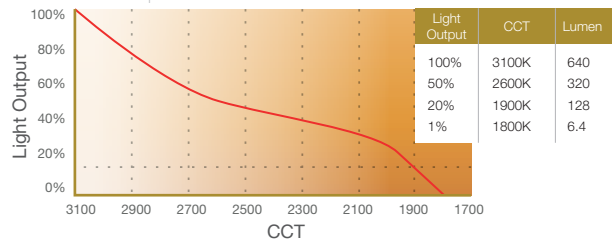
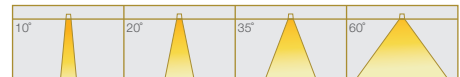
8W DIM-TO-WARM LED MODULE



AVAILABLE OPTIONS

LED MODULE

WARM DIM



DRIVER DIMMING



TECHNOLOGY AND FEATURES

Advanced Thermal Protection System

Low Flicker, No Risk (IEEE 1789)

Converging Optical Lens Maximising LOR

DIMENSIONS (MM)



SPECIFICATIONS

Family Type	35 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	Warm Dim (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), 92g (driver)
Dimming	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

35 PRO WARM DIM

Height (m)		E _{max} (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 Module				Luminous Flux (lm)			
Type	LED Power	System Power	CRI	3100K			
				10°	20°	35°	60°
35 Pro WD	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				
ELR35P:8	10	WD	PA				
				8W	10°	Warm Dim	ProART
				20	20°		
				35	35°		
	60	60°					
	DD55	Ø55mm Dome Diffuser					
	DD80	Ø80mm Dome Diffuser					
DD120	Ø120mm Dome Diffuser						

example: ELR35P:8.35.WD.PA

Driver					
Type	Dimming	Output Power			
MP.DRA	Modular Pro ATePS Driver	PH	Phase		
				AN	0-10V
8	8W				

example: MP.DRA.DA.8

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