

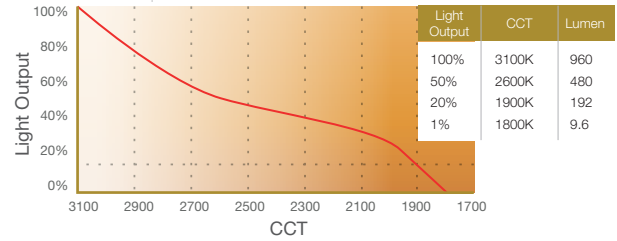
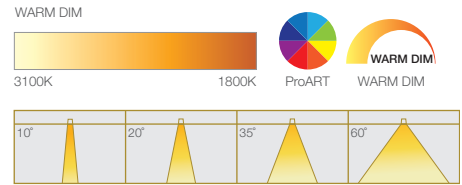
50 PLE WARM DIM

12W DIM-TO-WARM LED ENGINE

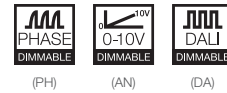


AVAILABLE OPTIONS

LED MODULE



DRIVER DIMMING



TECHNOLOGY AND FEATURES

Advanced Thermal Protection System

Low Flicker, No Risk (IEEE 1789)

Converging Optical Lens Maximising LOR

DIMENSIONS (MM)



For designated fixtures only and NOT to be operated independently or with downlight fixtures.

LED Module

SPECIFICATIONS

Family Type	50 Series
Mains Voltage	220-240V, 50Hz
Typical Operating Voltage	34V
Typical Operating Current	350mA
Colour	Black
Installation Compatibility	Compatible with ELR NEBULA-3 fixture variants
Lifetime	50,000 hours (80% lumen maintenance at Ta = 35°C), B10
Beam Angles	10°, 20°, 35°, 60°
Colour Temperatures	Warm Dim (3100K - 1800K)
CRI	ProART (CRI~95)
SDCM	2 step MacAdam ellipse binning

Driver (Dimming)	Phase (leading & trailing edge), 0-10V, DALI
Mains Connection	Screw terminals for convenient connection
Materials	Aluminium, plastic
Fire Safety	Glow wire test 850°C, UL94V-0, WW-1
Flammability Mark	F
Ingress Protection	IP40 for 10° beam, IP54 for 20°/35°/60° beam (module only)
Safety Class	Class 2
Standards	IEC 62031, IEC 61347-2-13
Regulatory Markings	CE, CB, CCC, RCM, BIS, TIS, SIRIM-ST, RoHS
Weight	70g

50 PLE WARM DIM

Beam Angle	Height (m)	E(0°)	E _{max} (lx)				ELR Module				Luminous Flux (lm)			
			10°	20°	35°	60°	Type	LED Power	System Power	CRI	3100K			
10°	1	E(0°)	5217	4294	2525	976	50 PLE WD	12W	15.2W	ProART CRI~95	960	960	960	960
	Cone Ø (m)	0.27	0.34	0.58	1.10									
20°	2	E(0°)	1304	1074	631	244	<i>Data are based on maximum output at 3100K. Nominal CRI~95, equals to Ra>90~97, R9>50</i>							
	Cone Ø (m)	0.54	0.68	1.15	2.20									
35°	3	E(0°)	580	477	281	108								
	Cone Ø (m)	0.81	1.03	1.73	3.30									
60°	4	E(0°)	326	268	158	61								
	Cone Ø (m)	1.08	1.37	2.31	4.40									
	5	E(0°)	209	172	101	39								
	Cone Ø (m)	1.35	1.71	2.89	5.50									

ORDERING MATRIX CHART

LED Module								Driver	
LED Power		Beam Angle		Colour Temp		CRI		Dimming	
ELR50PLE	12W	10	10°	WD	Warm Dim	PA	ProART	PH	Phase
		20	20°					AN	0-10V
		35	35°					DA	DALI
		60	60°						

example: ELR50PLE.35.WD.PA.PH