

OptiClip Accessories
OPTICLIP LIGHT E 840 1DC WH
0044035



Product features

- OPTICLIP LIGHT E 840 1DC WH LED light module with reflector, assembled with 1DC connector, 200-450mA drive current, up to 1970lm flux @450mA drive current, CRI80, 4000K, SDCM 3



PRODUCT OVERVIEW

Product name	OPTICLIP LIGHT E 840 1DC WH
Technology	LED
Cap/Base	N/A
Mount	Ceiling recessed mounting
General application	Education, Office
Warranty	5 years
Fixture luminous flux (lm)	1970
Colour temperature (K)	4000
Light colour	Neutral White
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	80
Photobiological Risk Group	RG1
Total power consumption (W)	15
Electrical protection	Class III
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
IP rating	IP20
IK rating	IK07
Product EAN number	5410288440354

DATA TABLE

General data	
Product name	OPTICLIP LIGHT E 840 1DC WH
Technology	LED
Cap/Base	N/A
Mount	Ceiling recessed mounting
General application	Education, Office
Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature Tq (°C)	25
Warranty	5 years

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Optical data

Fixture luminous flux (lm)	1970
Colour temperature (K)	4000
Light colour	Neutral White
Colour Variation Initial (SDCM)	SDCM5
Luminous Intensity (cd)	1010
Beam Angle (°)	80
Distribution type	Symmetric
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	15
Mains voltage (V)	Not applicable
Electrical protection	Class III
Control gear required	Yes
Control gear type	LED driver constant current
Transformer required	No
Dimmable	No
Dimming method	N/A
Drive current - Range (mA)	200mA / 450mA
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	N/A

Lifetime data

Lifespan L70 B50	100000
Lifespan L70 B20	100000
Lifespan L80 B50	100000
Lifespan L80 B20	100000
Lifespan L80 B10	80000
Lifespan L90 B50	70000
Lifespan L90 B20	60000
Lifespan L90 B10	60000

Physical data

IP rating	IP20
IK rating	IK07
Reflector finish	White
Nominal Product Length (mm)	490
Nominal Product Width (mm)	39
Cutout Dimensions (W x L in mm or Diameter in mm)	482.4x34.4
Weight (kg)	0.23

Packaging

Single packaging type	Plastic
Product EAN number	5410288440354
Packaging single length / height (cm)	65.0

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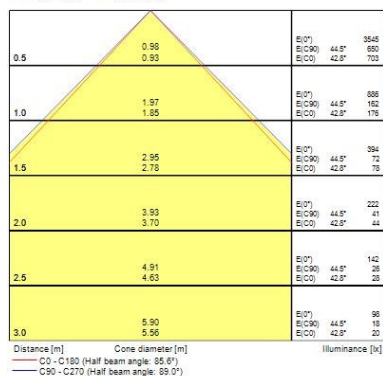
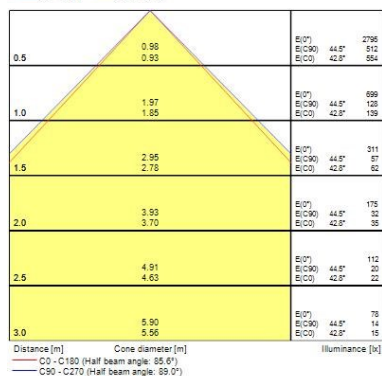
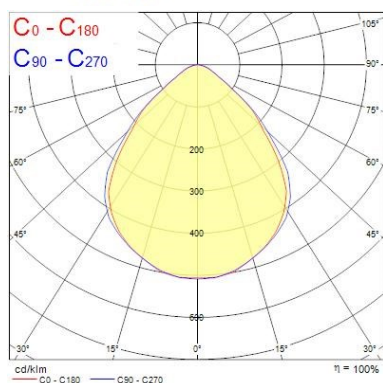
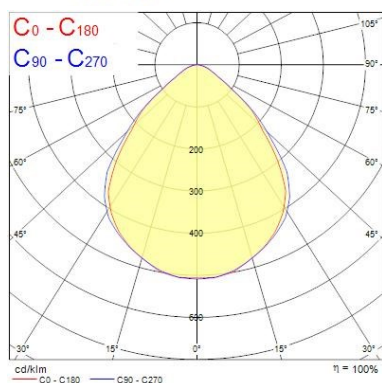
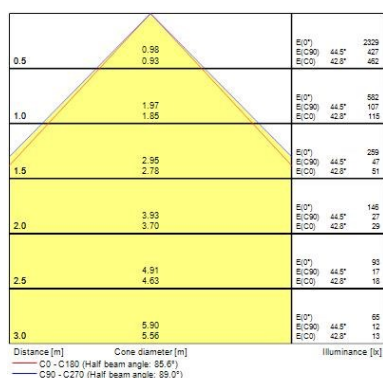
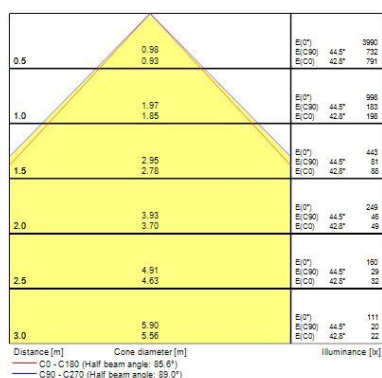
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Packaging single width (cm)	7.0
Packaging single depth (cm)	3.0
Units per outer package	30
Packaging outer width (cm)	32.0
Packaging outer depth (cm)	24.0

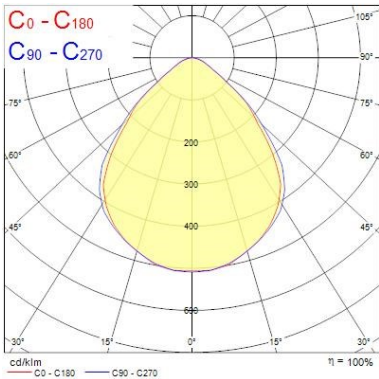
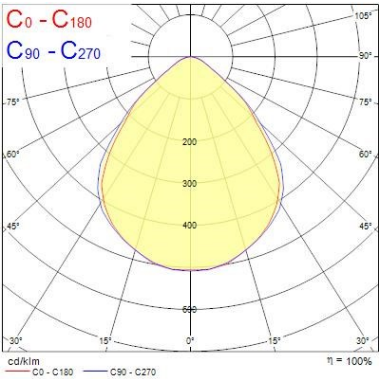
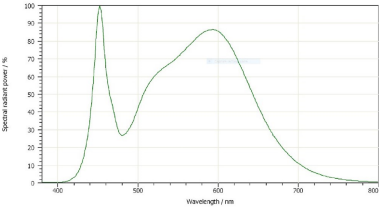
Safety data

Optimal operating condition (°C)	-20-40
Dry applications use only	No

PHOTOMETRY



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Distance [m]	Cone diameter [m]	E (0°)	E (C90)	E (C0)	Illuminance [lx]
0.5	0.98 0.93	1934	44.8° 383	42.8° 381	
1.0	1.97 1.85	481	44.8° 88	42.8° 86	
1.5	2.95 2.78	214	44.8° 39	42.8° 42	
2.0	3.93 3.70	120	44.8° 22	42.8° 24	
2.5	4.91 4.63	77	44.8° 14	42.8° 15	
3.0	5.90 5.56	53	44.8° 10	42.8° 11	

Distance [m]	Cone diameter [m]	E (0°)	E (C90)	E (C0)	Illuminance [lx]
0.5	0.98 0.93	3200	44.8° 567	42.8° 634	
1.0	1.97 1.85	800	44.8° 147	42.8° 159	
1.5	2.95 2.78	356	44.8° 66	42.8° 73	
2.0	3.93 3.70	200	44.8° 37	42.8° 40	
2.5	4.91 4.63	128	44.8° 23	42.8° 25	
3.0	5.90 5.56	89	44.8° 16	42.8° 18	

