

OPTICLIP LIGHT E 840 1DC WH 0044035



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

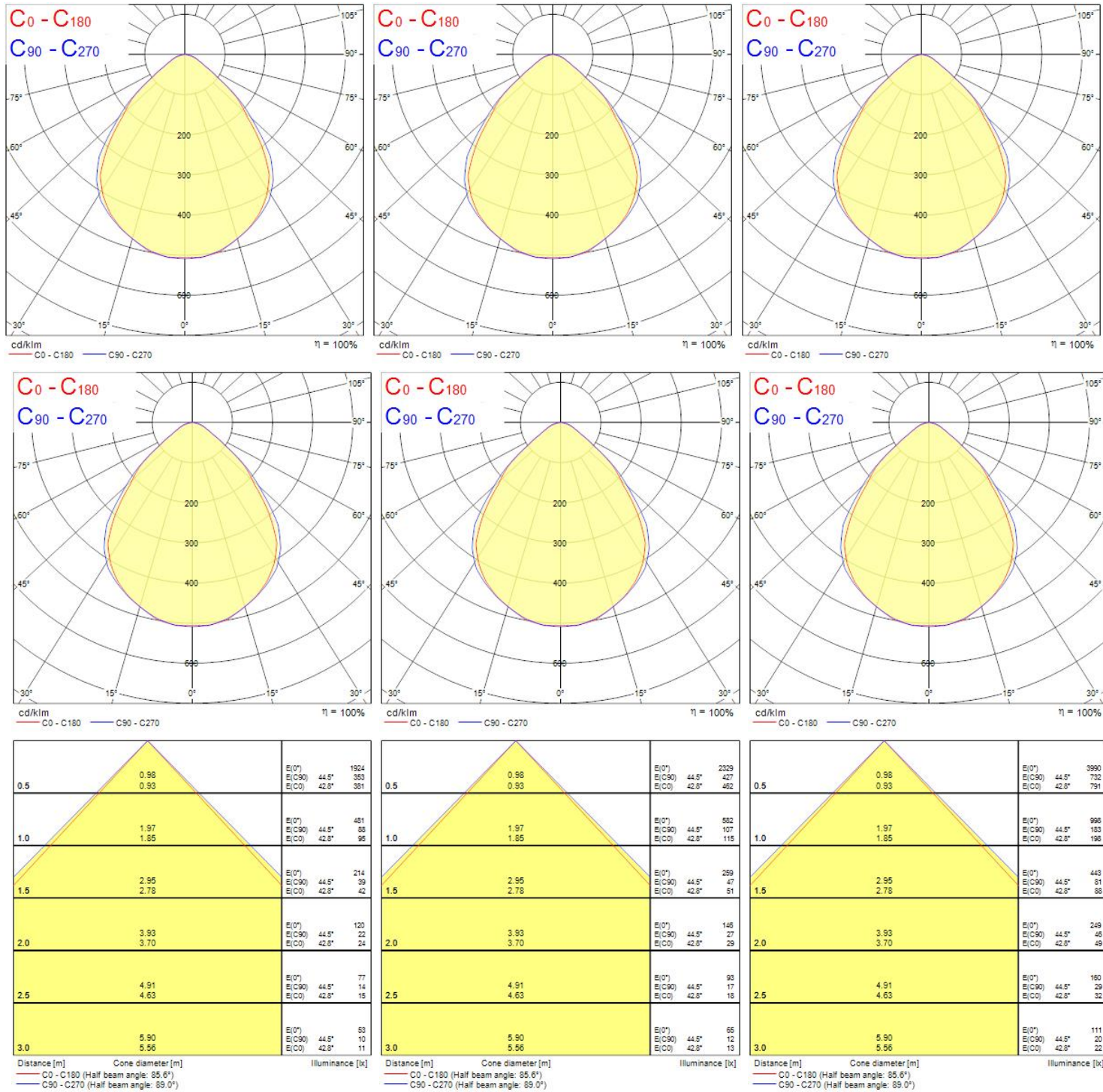


Product Overview

Product name	OPTICLIP LIGHT E 840 1DC WH
Technology	LED
Cap/Base	N/A
Mount	Ceiling recessed mounting
General application	Education, Office
ETIM Class	EC000996
Fixture luminous flux (lm)	1970
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	5
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
IP rating	IP20
IK rating	IK07
Product EAN number	5410288440354
Warranty	5 years
Dimming method	N/A

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Photometry



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0.5	0.98 0.93	E(0°) E(C90) E(C0)	3200 587 634	0.5	0.98 0.93	E(0°) E(C90) E(C0)	3545 650 703	0.5	0.98 0.93	E(0°) E(C90) E(C0)	2795 512 554
1.0	1.97 1.85	E(0°) E(C90) E(C0)	300 147 159	1.0	1.97 1.85	E(0°) E(C90) E(C0)	386 153 176	1.0	1.97 1.85	E(0°) E(C90) E(C0)	699 125 139
1.5	2.95 2.78	E(0°) E(C90) E(C0)	355 65 70	1.5	2.95 2.78	E(0°) E(C90) E(C0)	394 72 78	1.5	2.95 2.78	E(0°) E(C90) E(C0)	311 57 62
2.0	3.93 3.70	E(0°) E(C90) E(C0)	200 37 40	2.0	3.93 3.70	E(0°) E(C90) E(C0)	222 41 44	2.0	3.93 3.70	E(0°) E(C90) E(C0)	175 32 35
2.5	4.91 4.63	E(0°) E(C90) E(C0)	128 23 25	2.5	4.91 4.63	E(0°) E(C90) E(C0)	142 26 28	2.5	4.91 4.63	E(0°) E(C90) E(C0)	112 20 22
3.0	5.90 5.56	E(0°) E(C90) E(C0)	89 16 18	3.0	5.90 5.56	E(0°) E(C90) E(C0)	96 18 20	3.0	5.90 5.56	E(0°) E(C90) E(C0)	78 14 15
Distance [m] Cone diameter [m] Illuminance [lx] — C0 - C180 (Half beam angle: 85.6°) — C90 - C270 (Half beam angle: 89.0°)				Distance [m] Cone diameter [m] Illuminance [lx] — C0 - C180 (Half beam angle: 85.6°) — C90 - C270 (Half beam angle: 89.0°)				Distance [m] Cone diameter [m] Illuminance [lx] — C0 - C180 (Half beam angle: 85.6°) — C90 - C270 (Half beam angle: 89.0°)			

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
ETIM Class	EC000996
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	1970
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	5
Luminous Intensity (cd)	1010

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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 (mA)	450
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

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Nominal Product Length (mm)	490
Nominal Product Width (mm)	39
Nominal Product Height (mm)	14
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
Packaging single width (cm)	7.0
Packaging single depth (cm)	3.0
DUN14 (outer)	15410288440351
Units per outer package	30
Packaging outer length / height (cm)	57.0
Packaging outer width (cm)	32.0
Packaging outer depth (cm)	24.0

SAFETY DATA

Optimal operating condition (°C)	-20-40
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No