

OptiClip Accessories

OPTICLIP LIGHT E 830 1DC WH

0044037



Product features

- OPTICLIP LIGHT E 830 1DC WH LED light module with reflector, assembled with 1DC connector, 200-450mA drive current, up to 1900lm flux @450mA drive current, CRI80, 3000K, SDCM 3



PRODUCT OVERVIEW

Product name	OPTICLIP LIGHT E 830 1DC WH
Technology	LED
Cap/Base	N/A
Mount	Ceiling recessed mounting
General application	Education, Office
ETIM Class	EC000996
Warranty	5 years
Fixture luminous flux (lm)	1900
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
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	Yes
Dimming method	DALI
IP rating	IP20
IK rating	IK07
Product EAN number	5410288440378

DATA TABLE

General data

Product name	OPTICLIP LIGHT E 830 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

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ETIM Class	EC000996
Warranty	5 years

Optical data

Fixture luminous flux (lm)	1900
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
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	Yes
Dimming method	DALI
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
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

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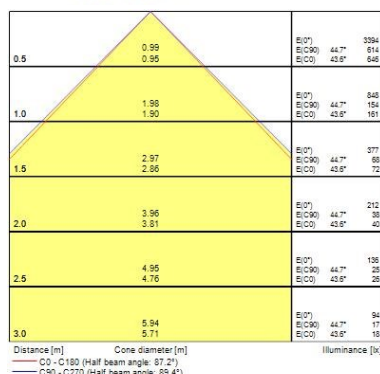
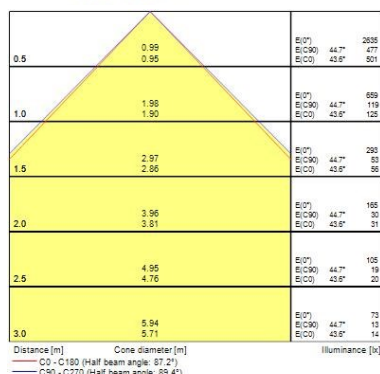
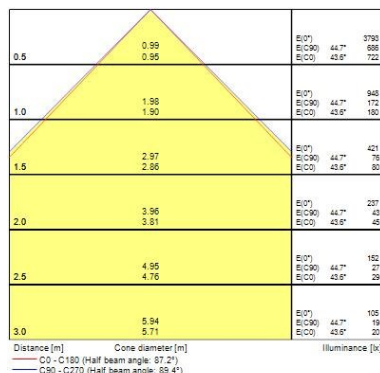
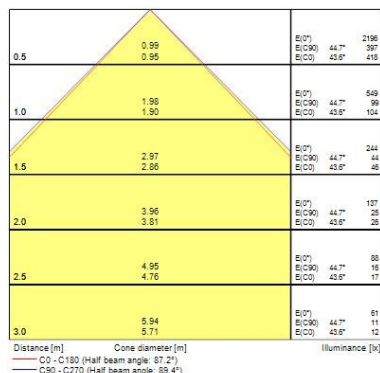
Packaging

Single packaging type	Plastic
Product EAN number	5410288440378
Packaging single length / height (cm)	65.0
Packaging single width (cm)	7.0
Packaging single depth (cm)	3.0
DUN14 (outer)	15410288440375
Units per outer package	30
Packaging outer length / height (cm)	57.0
Packaging outer width (cm)	32.0
Packaging outer depth (cm)	24.0

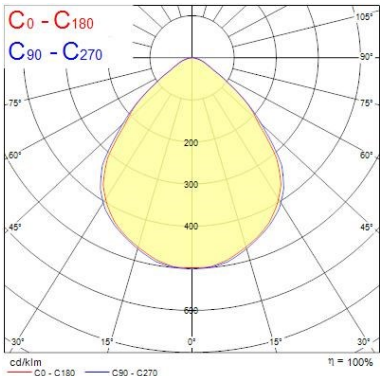
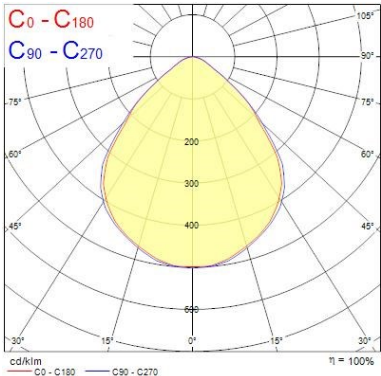
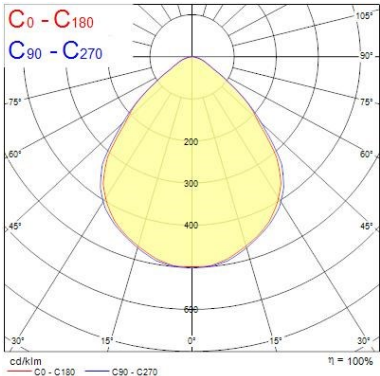
Safety data

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

PHOTOMETRY

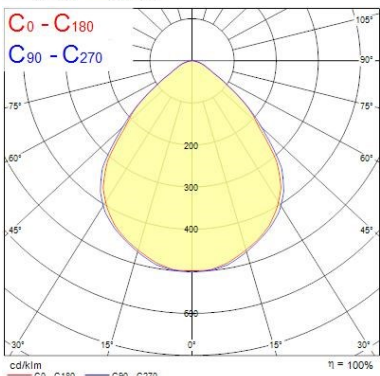
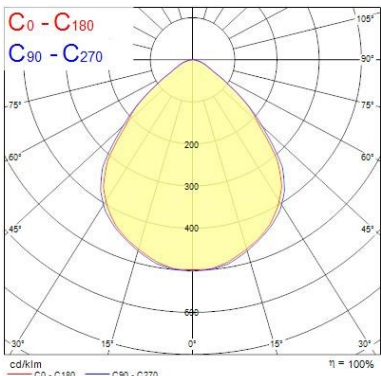
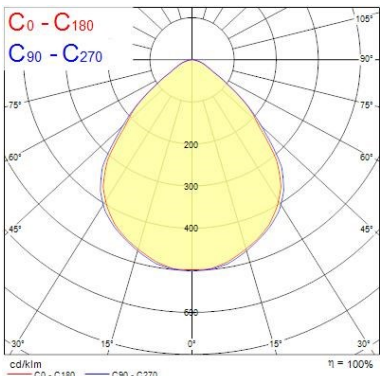


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Distance [m]	Cone diameter [m]	E (0°) [lx]	E (C90) [lx]	E (C0) [lx]
0.5	0.99	1797	44.7° 325	43.8° 342
1.0	1.98	449	44.7° 81	43.8° 88
1.5	2.97	200	44.7° 38	43.8° 38
2.0	3.96	112	44.7° 20	43.8° 21
2.5	4.95	72	44.7° 13	43.8° 14
3.0	5.94	50	44.7° 9	43.8° 9

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 87.2°)
C90 - C270 (Half beam angle: 88.4°)



Distance [m]	Cone diameter [m]	E (0°) [lx]	E (C90) [lx]	E (C0) [lx]
0.5	0.99	3038	44.7° 549	43.8° 577
1.0	1.98	769	44.7° 137	43.8° 144
1.5	2.97	337	44.7° 61	43.8° 64
2.0	3.96	190	44.7° 34	43.8° 36
2.5	4.95	121	44.7° 22	43.8° 23
3.0	5.94	84	44.7° 15	43.8° 16

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 87.2°)
C90 - C270 (Half beam angle: 88.4°)

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