

OptiClip Accessories

OPTICLIP LIGHT E 830 1DC WH
0044037



PRODUCT OVERVIEW

Product name	OPTICLIP LIGHT E 830 1DC WH
Technology	LED
Cap/Base	N/A
Mount	Ceiling recessed mounting
Warranty	5 years
Fixture luminous flux (lm)	1900
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Photobiological Risk Group	RG1
Total power consumption (W)	15
Electrical protection	Class III
Control gear type	LED driver constant current
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
Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature Tq (°C)	25
Warranty	5 years

Optical data

Fixture luminous flux (lm)	1900
Colour temperature (K)	3000
Light colour	Warm White

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CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Luminous Intensity (cd)	1010
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	15
Primary Supply/Product voltage - min (V)	33
Electrical protection	Class III
Control gear type	LED driver constant current
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
Nominal Product Length (mm)	490
Nominal Product Width (mm)	39
Weight (kg)	0.23

Packaging

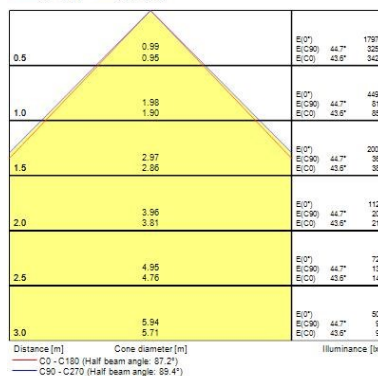
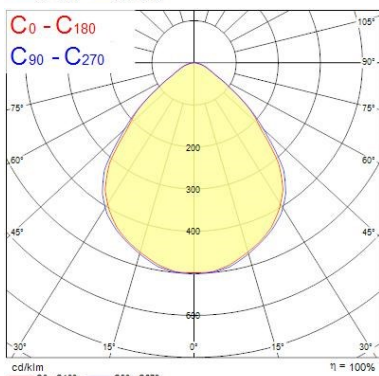
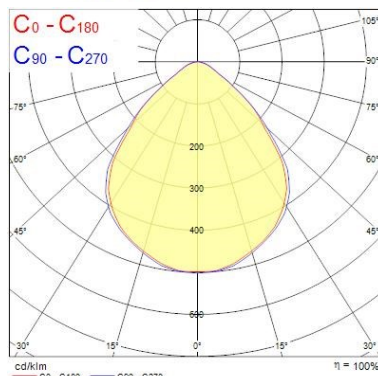
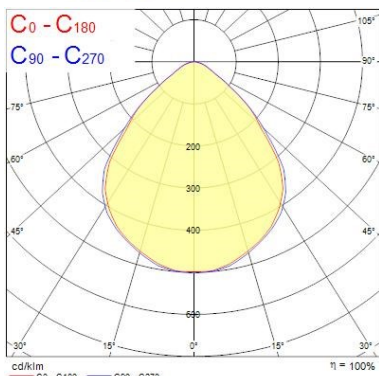
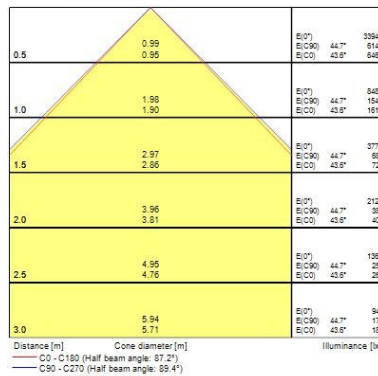
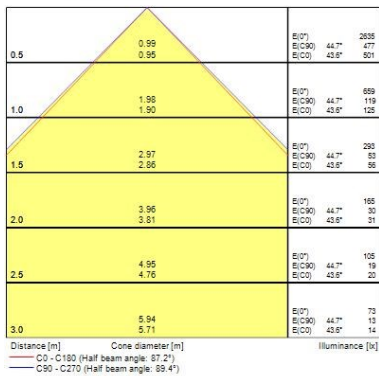
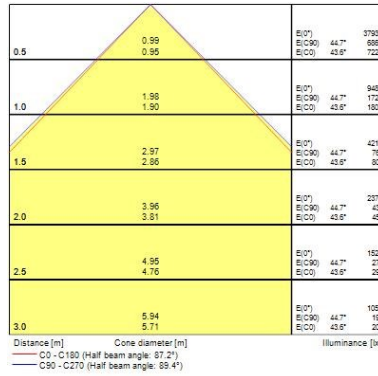
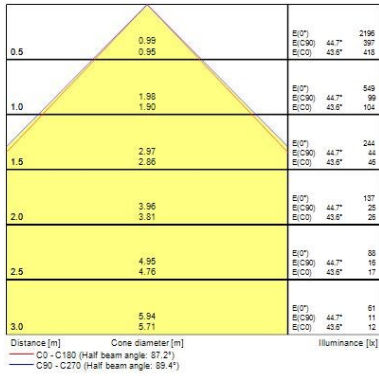
Single packaging type	Plastic
Product EAN number	5410288440378
Packaging single width (cm)	7.0
Packaging single depth (cm)	3.0
DUN14 (outer)	15410288440375
Packaging outer length / height (cm)	57.0

Safety data

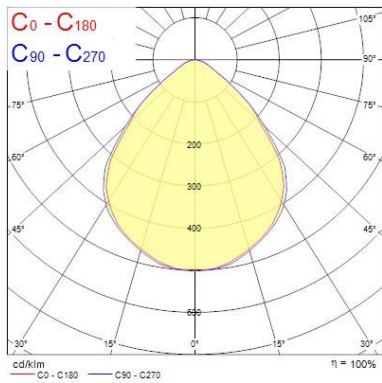
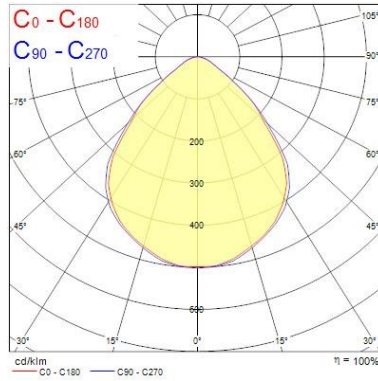
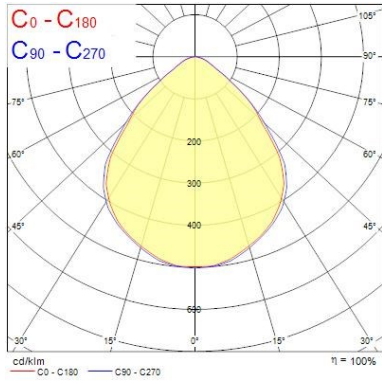
Optimal operating condition (°C)	-20-40
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PHOTOMETRY

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Distance [m]	Cone diameter [m]	E [0°]	E [C90]	E [C0]	Illuminance [lx]
0.5	0.99 0.95	3035	44.7° 549	43.6° 677	
1.0	1.98 1.90	759	44.7° 137	43.6° 144	
1.5	2.97 2.86	337	44.7° 61	43.6° 54	
2.0	3.96 3.81	190	44.7° 34	43.6° 38	
2.5	4.95 4.76	121	44.7° 22	43.6° 23	
3.0	5.94 5.71	84	44.7° 15	43.6° 15	

Distance [m] Cone diameter [m] Illuminance [lx]

— C0 - C180 (Half beam angle: 87.2°)
— C90 - C270 (Half beam angle: 95.4°)

