

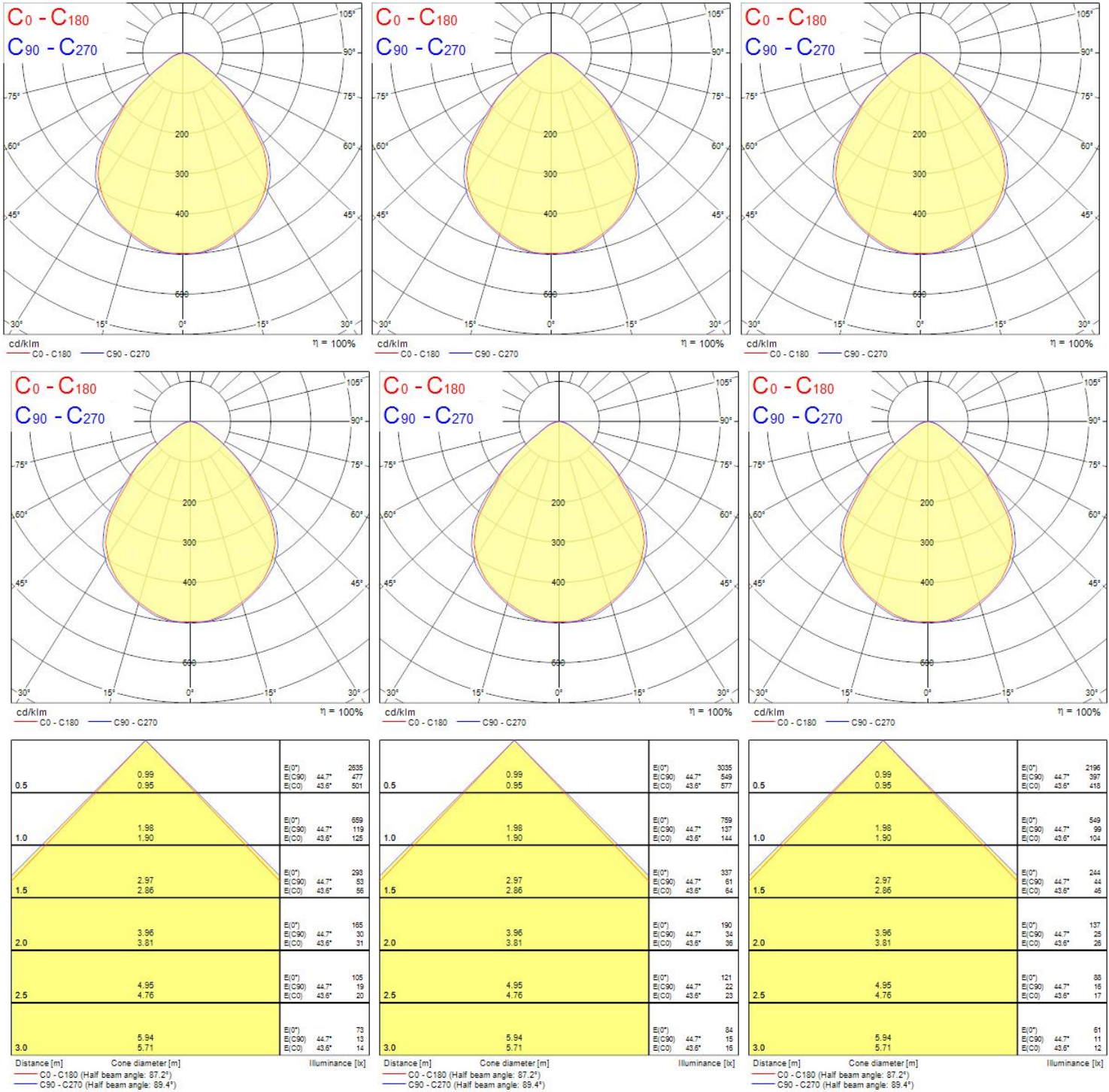
Features

- OPTICLIP LIGHT E 830 2DC WH LED light module with reflector, assembled with 2DC connectors, 200-450mA drive current, up to 1900lm flux @450mA drive current, CRI80, 3000K, SDCM≤3

Product Overview

Product name	OPTICLIP LIGHT E 830 2DC WH
Technology	LED
Cap/Base	N/A
Mount	Ceiling recessed mounting
Fixture luminous flux (lm)	1900
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	5
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	5410288440385
Warranty	5 years

Photometry



OPTICLIP LIGHT E 830 2DC WH 0044038

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	0.99 0.95	3793	44.7° 666	43.6° 722	
1.0	1.98 1.90	948	44.7° 172	43.6° 180	
1.5	2.97 2.86	421	44.7° 76	43.6° 80	
2.0	3.96 3.81	237	44.7° 43	43.6° 45	
2.5	4.95 4.76	152	44.7° 27	43.6° 29	
3.0	5.94 5.71	105	44.7° 19	43.6° 20	

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 87.2°)
 — C90 - C270 (Half beam angle: 89.4°)

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	0.99 0.95	1797	44.7° 325	43.6° 342	
1.0	1.98 1.90	449	44.7° 81	43.6° 86	
1.5	2.97 2.86	200	44.7° 36	43.6° 38	
2.0	3.96 3.81	112	44.7° 20	43.6° 21	
2.5	4.95 4.76	72	44.7° 13	43.6° 14	
3.0	5.94 5.71	50	44.7° 9	43.6° 9	

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 87.2°)
 — C90 - C270 (Half beam angle: 89.4°)

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	0.99 0.95	3394	44.7° 614	43.6° 648	
1.0	1.98 1.90	845	44.7° 154	43.6° 161	
1.5	2.97 2.86	377	44.7° 68	43.6° 72	
2.0	3.96 3.81	212	44.7° 38	43.6° 40	
2.5	4.95 4.76	136	44.7° 25	43.6° 26	
3.0	5.94 5.71	94	44.7° 17	43.6° 18	

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 87.2°)
 — C90 - C270 (Half beam angle: 89.4°)

Data table

GENERAL DATA

Product name	OPTICLIP LIGHT E 830 2DC 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
CRI (Ra)	80
Colour Variation Initial (SDCM)	5
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 required	No
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	5410288440385
Packaging single width (cm)	7.0

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Packaging single depth (cm)	3.0
DUN14 (outer)	15410288440382
Packaging outer length / height (cm)	57.0

SAFETY DATA

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