



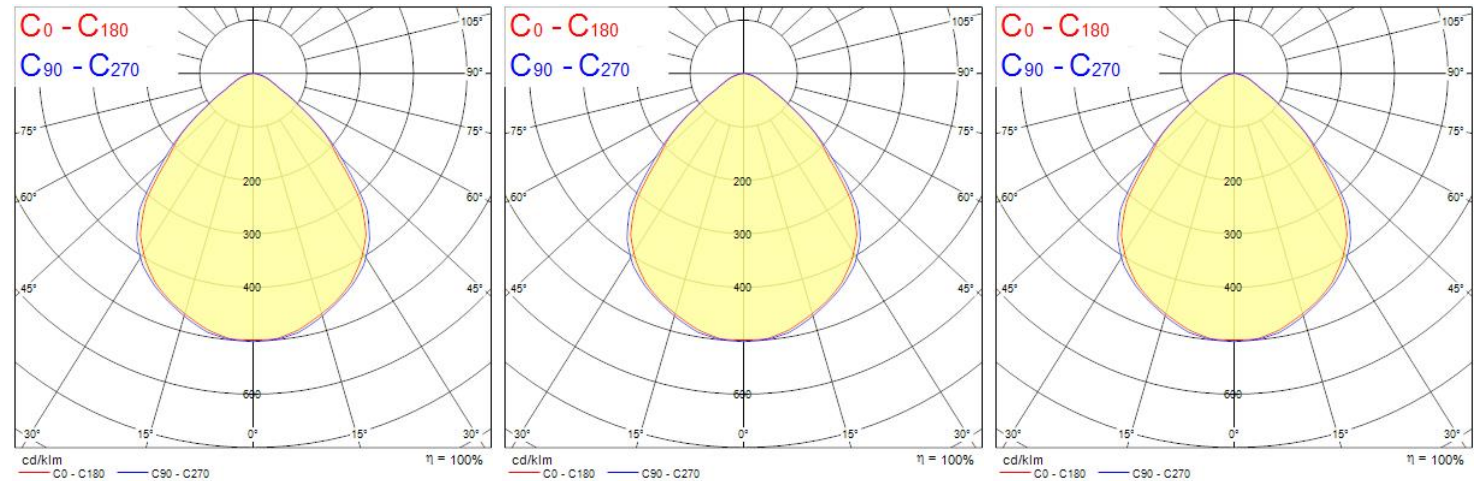
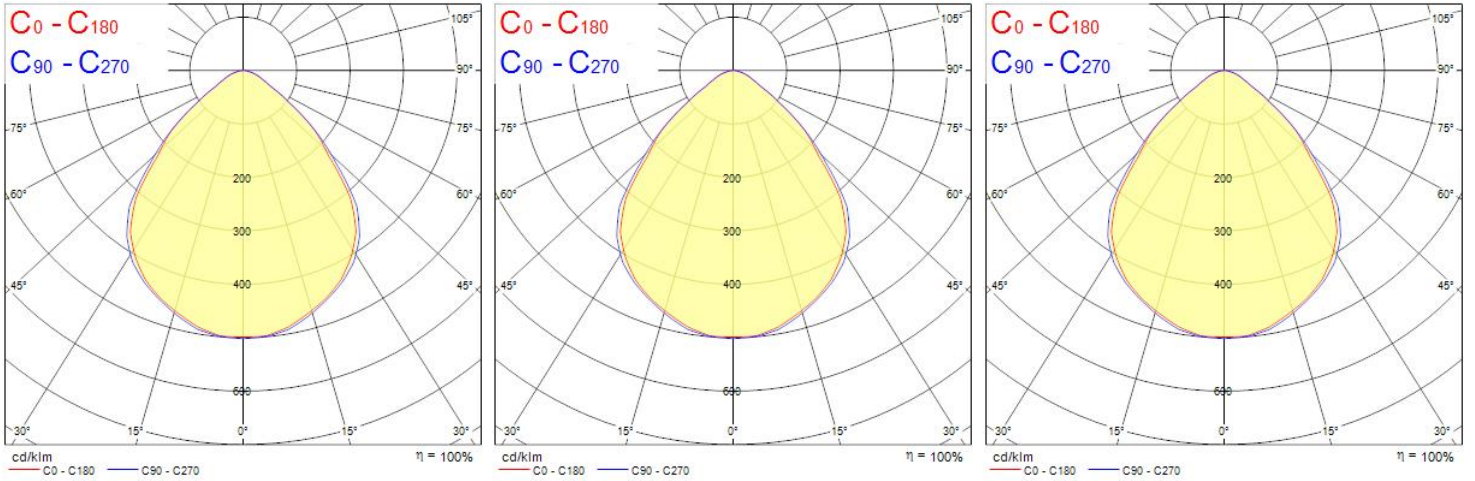
Features

- 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
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	5410288440378
Warranty	5 years

Photometry



0.5	0.99 0.95	E _v (0°) E _v (C90) E _v (C0)	1797 325 342
1.0	1.98 1.90	E _v (0°) E _v (C90) E _v (C0)	449 51 55
1.5	2.97 2.86	E _v (0°) E _v (C90) E _v (C0)	200 36 38
2.0	3.96 3.81	E _v (0°) E _v (C90) E _v (C0)	112 20 21
2.5	4.95 4.76	E _v (0°) E _v (C90) E _v (C0)	72 13 14
3.0	5.94 5.71	E _v (0°) E _v (C90) E _v (C0)	50 9 9

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

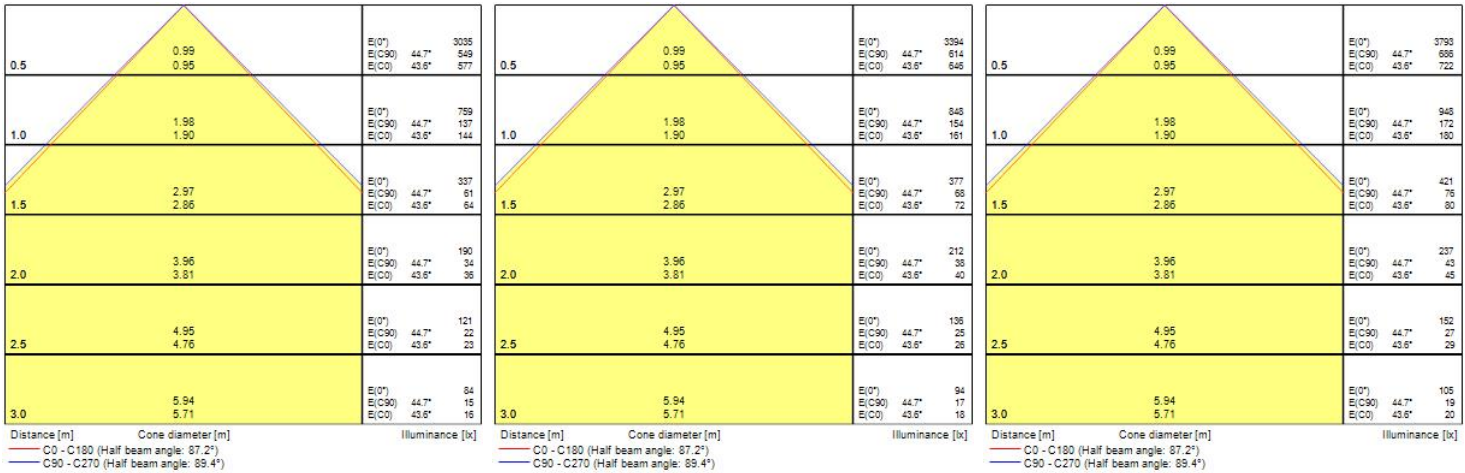
0.5	0.99 0.95	E _v (0°) E _v (C90) E _v (C0)	2196 397 418
1.0	1.98 1.90	E _v (0°) E _v (C90) E _v (C0)	549 99 104
1.5	2.97 2.86	E _v (0°) E _v (C90) E _v (C0)	244 44 46
2.0	3.96 3.81	E _v (0°) E _v (C90) E _v (C0)	137 25 26
2.5	4.95 4.76	E _v (0°) E _v (C90) E _v (C0)	88 16 17
3.0	5.94 5.71	E _v (0°) E _v (C90) E _v (C0)	61 11 12

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

0.5	0.99 0.95	E _v (0°) E _v (C90) E _v (C0)	2635 477 501
1.0	1.98 1.90	E _v (0°) E _v (C90) E _v (C0)	659 119 125
1.5	2.97 2.86	E _v (0°) E _v (C90) E _v (C0)	293 53 56
2.0	3.96 3.81	E _v (0°) E _v (C90) E _v (C0)	165 30 31
2.5	4.95 4.76	E _v (0°) E _v (C90) E _v (C0)	105 19 20
3.0	5.94 5.71	E _v (0°) E _v (C90) E _v (C0)	73 13 14

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

OPTICLIP LIGHT E 830 1DC WH 0044037



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
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	5410288440378
Packaging single width (cm)	7.0

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Packaging single depth (cm)	3.0
DUN14 (outer)	15410288440375
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