

OptiClip Accessories

OPTICLIP LIGHT E 940 2DC WH

0044044



Product features

- OPTICLIP LIGHT E 940 2DC WH LED light module with reflector, assembled with 2DC connectors, 200-450mA drive current, up to 1850lm flux @450mA drive current, CRI90, 4000K, SDCM 3



PRODUCT OVERVIEW

Product name	OPTICLIP LIGHT E 940 2DC WH
Technology	LED
Cap/Base	N/A
Mount	Ceiling recessed mounting
General application	Education, Office
Warranty	5 years
Fixture luminous flux (lm)	1850
Colour temperature (K)	4000
Light colour	Neutral White
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	No
Dimming method	DALI
IP rating	IP20
IK rating	IK07
Product EAN number	5410288440446

DATA TABLE

General data

Product name	OPTICLIP LIGHT E 940 2DC 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
Warranty	5 years

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Optical data

Fixture luminous flux (lm)	1850
Colour temperature (K)	4000
Light colour	Neutral White
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	No
Dimming method	DALI
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
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	5410288440446
Packaging single length / height (cm)	65.0

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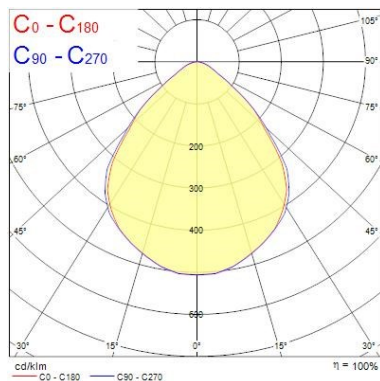
0044044

Packaging single width (cm)	7.0
Packaging single depth (cm)	3.0
Units per outer package	30
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

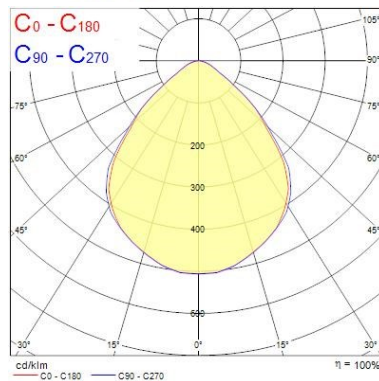
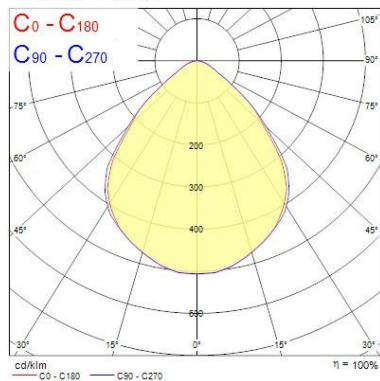


Distance [m]	Cone diameter [m]	E [lx]	E (C90) [lx]	E (C0) [lx]
0.5	0.98 0.95	3742 3881	44.8° 43.5°	681 716
1.0	1.97 1.90	936 170	44.8° 43.5°	170 179
1.5	2.95 2.85	415 76	44.8° 43.5°	80 80
2.0	3.93 3.80	234 43	44.8° 43.5°	43 45
2.5	4.91 4.74	150 27	44.8° 43.5°	29 29
3.0	5.90 5.69	104 19	44.8° 43.5°	19 20

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

— C0 - C180 (Half beam angle: 87.0°)

— C90 - C270 (Half beam angle: 89.0°)



Distance [m]	Cone diameter [m]	E [lx]	E (C90) [lx]	E (C0) [lx]
0.5	0.98 0.95	1740 317	44.8° 43.5°	317 333
1.0	1.97 1.90	436 79	44.8° 43.5°	79 83
1.5	2.95 2.85	193 38	44.8° 43.5°	37 37
2.0	3.93 3.80	109 23	44.8° 43.5°	23 23
2.5	4.91 4.74	70 13	44.8° 43.5°	13 13
3.0	5.90 5.69	46 9	44.8° 43.5°	9 9

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

— C0 - C180 (Half beam angle: 87.0°)

— C90 - C270 (Half beam angle: 89.0°)

Distance [m]	Cone diameter [m]	E [lx]	E (C90) [lx]	E (C0) [lx]
0.5	0.98 0.95	2569 465	44.8° 43.5°	465 491
1.0	1.97 1.90	642 117	44.8° 43.5°	117 123
1.5	2.95 2.85	268 52	44.8° 43.5°	52 55
2.0	3.93 3.80	161 29	44.8° 43.5°	29 31
2.5	4.91 4.74	100 19	44.8° 43.5°	19 20
3.0	5.90 5.69	71 13	44.8° 43.5°	13 14

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

— C0 - C180 (Half beam angle: 87.0°)

— C90 - C270 (Half beam angle: 89.0°)

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