

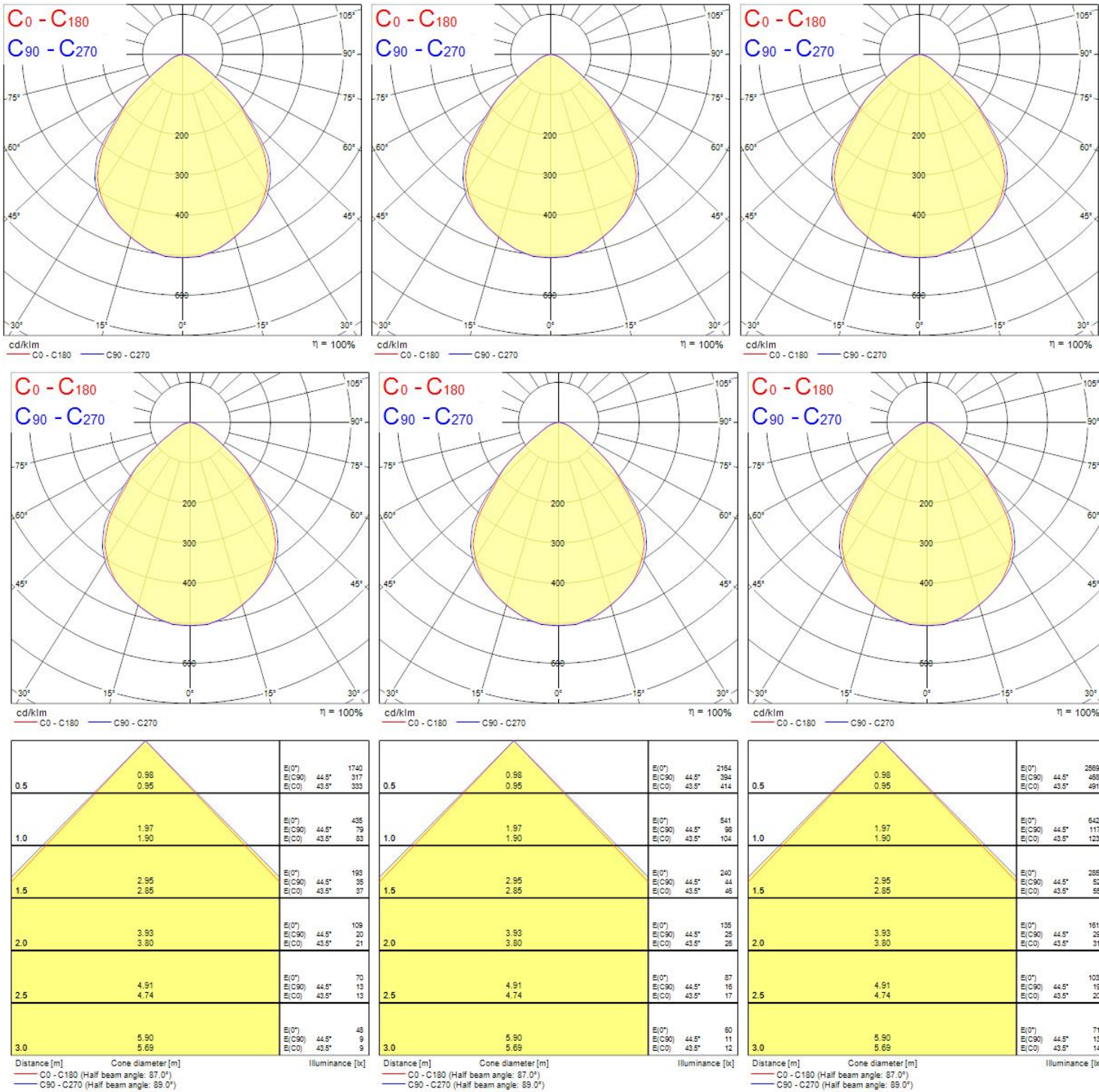
Features

- 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
ETIM Class	EC000996
Fixture luminous flux (lm)	1850
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	5
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
IP rating	IP20
IK rating	IK07
Product EAN number	5410288440446
Warranty	5 years
Dimming method	DALI

Photometry



C0 - C180
C90 - C270

cd/klm
C0 - C180 C90 - C270

$\eta = 100\%$

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C90 - C270

cd/klm
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C0 - C180
C90 - C270

cd/klm
C0 - C180 C90 - C270

$\eta = 100\%$

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 87.0°)
C90 - C270 (Half beam angle: 89.0°)

OPTICLIP LIGHT E 940 2DC WH 0044044

0.5	0.98 0.95	E(0°) E(C90) E(C0)	3034 552 580	0.5	0.98 0.95	E(0°) E(C90) E(C0)	3338 607 638	0.5	0.98 0.95	E(0°) E(C90) E(C0)	3742 681 716
1.0	1.97 1.90	E(0°) E(C90) E(C0)	759 138 146	1.0	1.97 1.90	E(0°) E(C90) E(C0)	834 152 160	1.0	1.97 1.90	E(0°) E(C90) E(C0)	938 170 179
1.5	2.95 2.85	E(0°) E(C90) E(C0)	337 61 64	1.5	2.95 2.85	E(0°) E(C90) E(C0)	371 67 71	1.5	2.95 2.85	E(0°) E(C90) E(C0)	416 76 80
2.0	3.93 3.80	E(0°) E(C90) E(C0)	190 35 36	2.0	3.93 3.80	E(0°) E(C90) E(C0)	209 38 40	2.0	3.93 3.80	E(0°) E(C90) E(C0)	234 43 45
2.5	4.91 4.74	E(0°) E(C90) E(C0)	121 22 23	2.5	4.91 4.74	E(0°) E(C90) E(C0)	134 24 26	2.5	4.91 4.74	E(0°) E(C90) E(C0)	150 27 29
3.0	5.90 5.69	E(0°) E(C90) E(C0)	84 15 16	3.0	5.90 5.69	E(0°) E(C90) E(C0)	93 17 18	3.0	5.90 5.69	E(0°) E(C90) E(C0)	104 19 20

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

— C0 - C180 (Half beam angle: 87.0°)
— C90 - C270 (Half beam angle: 89.0°)

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
ETIM Class	EC000996
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	1850
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	5
Luminous Intensity (cd)	1010

OPTICLIP LIGHT E 940 2DC WH 0044044

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 (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

OPTICLIP LIGHT E 940 2DC WH 0044044

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

PACKAGING

Single packaging type	Plastic
Product EAN number	5410288440446
Packaging single length / height (cm)	65.0
Packaging single width (cm)	7.0
Packaging single depth (cm)	3.0
DUN14 (outer)	15410288440443
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
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No