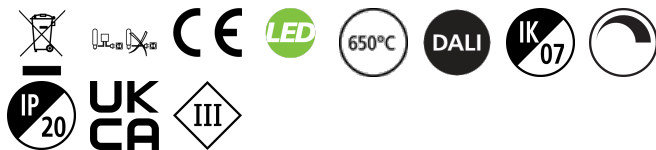


OptiClip Accessories
OPTICLIP LIGHT E 840 2DC WH
0044036



Product features

- OPTICLIP LIGHT E 840 2DC WH LED light module with reflector, assembled with 2DC connectors, 200-450mA drive current, up to 1970lm flux @450mA drive current, CRI80, 4000K, SDCM 3



PRODUCT OVERVIEW

Product name	OPTICLIP LIGHT E 840 2DC WH
Technology	LED
Cap/Base	N/A
Mount	Ceiling recessed mounting
General application	Education, Office
Warranty	5 years
Fixture luminous flux (lm)	1970
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	Yes
Dimming method	DALI
IP rating	IP20
IK rating	IK07
Product EAN number	5410288440361

DATA TABLE

General data	
Product name	OPTICLIP LIGHT E 840 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

OptiClip Accessories

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0044036

Optical data

Fixture luminous flux (lm)	1970
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	Yes
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	5410288440361
Packaging single length / height (cm)	65.0

OptiClip Accessories

OPTICLIP LIGHT E 840 2DC WH

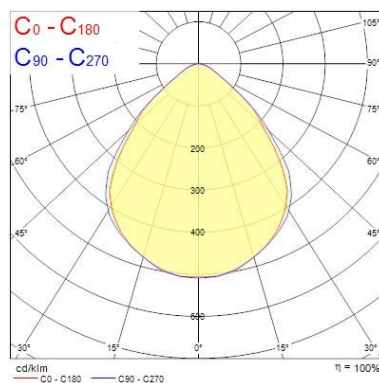
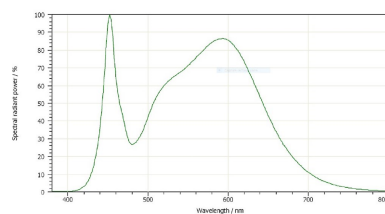
0044036

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

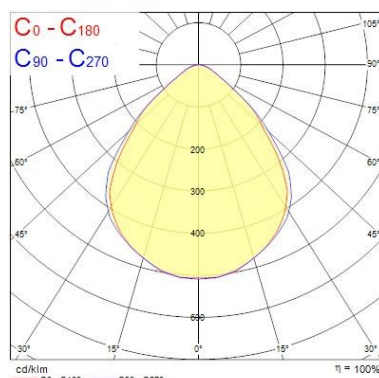
PHOTOMETRY



Distance [m]	Cone diameter [m]	E [lm]	E (C90)	E (C0)	Illuminance [lx]
0.5	0.98 0.93	1524 353	44.5° 42.8°	1524 353	
1.0	1.97 1.85	481 88	44.5° 42.8°	481 88	
1.5	2.95 2.78	214 39	44.5° 42.8°	214 39	
2.0	3.93 3.70	120 22	44.5° 42.8°	120 22	
2.5	4.91 4.63	77 14	44.5° 42.8°	77 14	
3.0	5.90 5.56	53 10	44.5° 42.8°	53 10	

Distance [m]	Cone diameter [m]	E [lm]	E (C90)	E (C0)	Illuminance [lx]
0.5	0.98 0.93	3545 660	44.5° 42.8°	3545 660	
1.0	1.97 1.85	886 162	44.5° 42.8°	886 162	
1.5	2.95 2.78	394 73	44.5° 42.8°	394 73	
2.0	3.93 3.70	222 41	44.5° 42.8°	222 41	
2.5	4.91 4.63	142 26	44.5° 42.8°	142 26	
3.0	5.90 5.56	96 18	44.5° 42.8°	96 18	

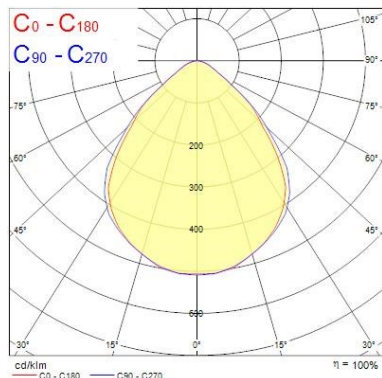
Distance [m]	Cone diameter [m]	E [lm]	E (C90)	E (C0)	Illuminance [lx]
0.5	0.98 0.93	2329 427	44.5° 42.8°	2329 427	
1.0	1.97 1.85	582 107	44.5° 42.8°	582 107	
1.5	2.95 2.78	269 47	44.5° 42.8°	269 47	
2.0	3.93 3.70	146 27	44.5° 42.8°	146 27	
2.5	4.91 4.63	96 17	44.5° 42.8°	96 17	
3.0	5.90 5.56	65 12	44.5° 42.8°	65 12	



OptiClip Accessories

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0044036



Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	0.98 0.93	E(0°) 2796 E(C90) 512 E(C0) 554
1.0	1.97 1.85	E(0°) 699 E(C90) 128 E(C0) 139
1.5	2.95 2.78	E(0°) 311 E(C90) 57 E(C0) 62
2.0	3.93 3.70	E(0°) 175 E(C90) 32 E(C0) 35
2.5	4.91 4.63	E(0°) 112 E(C90) 20 E(C0) 22
3.0	5.90 5.56	E(0°) 78 E(C90) 14 E(C0) 15

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 85.6°)
C90 - C270 (Half beam angle: 85.6°)

Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	0.98 0.93	E(0°) 3990 E(C90) 732 E(C0) 791
1.0	1.97 1.85	E(0°) 996 E(C90) 183 E(C0) 196
1.5	2.95 2.78	E(0°) 443 E(C90) 81 E(C0) 88
2.0	3.93 3.70	E(0°) 249 E(C90) 46 E(C0) 49
2.5	4.91 4.63	E(0°) 160 E(C90) 29 E(C0) 32
3.0	5.90 5.56	E(0°) 111 E(C90) 20 E(C0) 22

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 85.6°)
C90 - C270 (Half beam angle: 85.6°)

Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	0.98 0.93	E(0°) 3200 E(C90) 607 E(C0) 634
1.0	1.97 1.85	E(0°) 800 E(C90) 147 E(C0) 159
1.5	2.95 2.78	E(0°) 386 E(C90) 68 E(C0) 73
2.0	3.93 3.70	E(0°) 200 E(C90) 37 E(C0) 40
2.5	4.91 4.63	E(0°) 133 E(C90) 23 E(C0) 25
3.0	5.90 5.56	E(0°) 99 E(C90) 16 E(C0) 18

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 85.6°)
C90 - C270 (Half beam angle: 85.6°)

