

## OptiClip Accessories

OPTICLIP LIGHT E 840 1DC WH  
0044035



### PRODUCT OVERVIEW

Product name	OPTICLIP LIGHT E 840 1DC WH
Technology	LED
Cap/Base	N/A
Mount	Ceiling recessed mounting
Warranty	5 years
Fixture luminous flux (lm)	1970
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
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	5410288440354

### DATA TABLE

#### General data

Product name	OPTICLIP LIGHT E 840 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)	1970
Colour temperature (K)	4000
Light colour	Neutral White

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CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
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 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

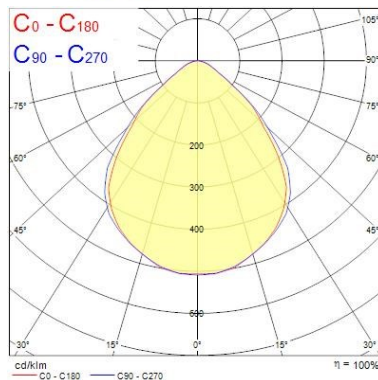
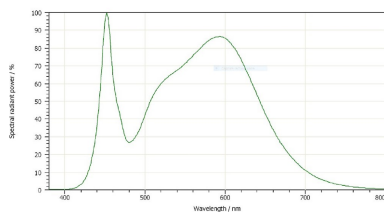
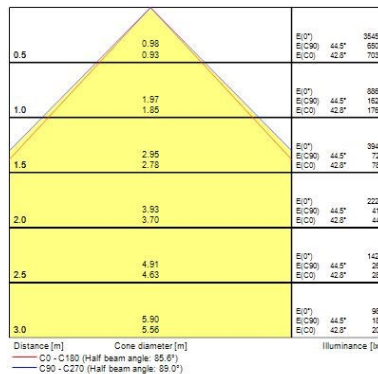
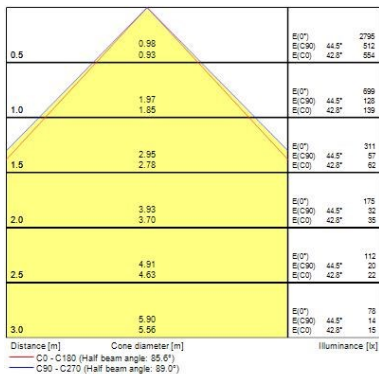
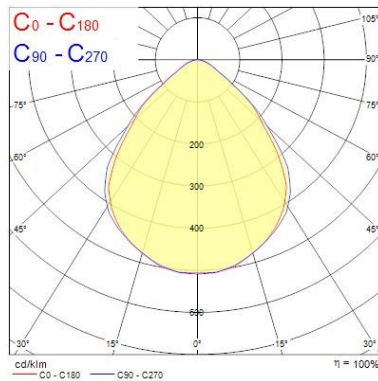
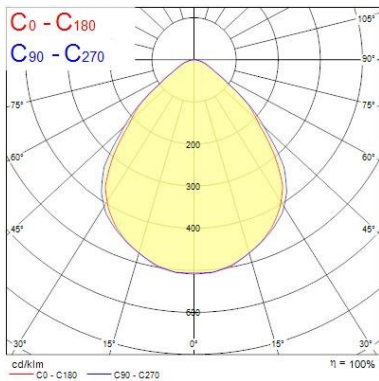
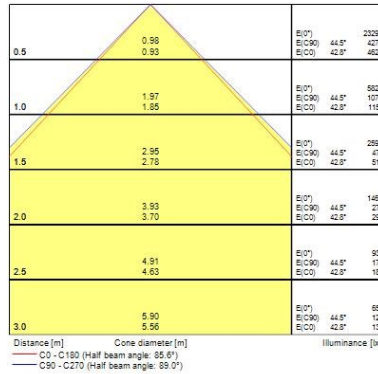
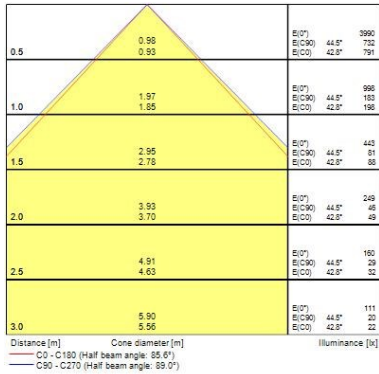
Single packaging type	Plastic
Product EAN number	5410288440354
Packaging single width (cm)	7.0
Packaging single depth (cm)	3.0
DUN14 (outer)	15410288440351
Packaging outer length / height (cm)	57.0

### Safety data

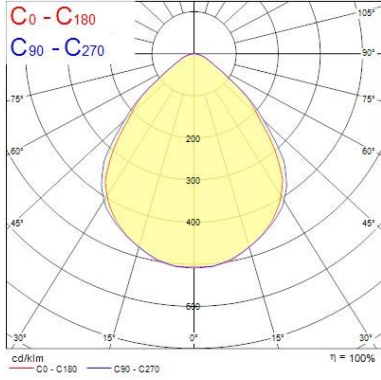
Optimal operating condition (°C)	-20-40
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## PHOTOMETRY

## OptiClip Accessories OPTICLIP LIGHT E 840 1DC WH 0044035



## OptiClip Accessories OPTICLIP LIGHT E 840 1DC WH 0044035



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.98	E(0°) 192
	0.93	E(C90) 44.5° 353 E(C0) 42.8° 381
1.0	1.97	E(0°) 481
	1.85	E(C90) 44.5° 88 E(C0) 42.8° 96
1.5	2.95	E(0°) 214
	2.78	E(C90) 44.5° 39 E(C0) 42.8° 42
2.0	3.93	E(0°) 133
	3.70	E(C90) 44.5° 22 E(C0) 42.8° 24
2.5	4.91	E(0°) 77
	4.63	E(C90) 44.5° 14 E(C0) 42.8° 15
3.0	5.90	E(0°) 63
	5.56	E(C90) 44.5° 10 E(C0) 42.8° 11

Distance [m] Cone diameter [m] illuminance [lx]  
C0 - C180 (Half beam angle: 85.6°)  
C90 - C270 (Half beam angle: 89.9°)

Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.98	E(0°) 320
	0.93	E(C90) 44.5° 567 E(C0) 42.8° 624
1.0	1.97	E(0°) 800
	1.85	E(C90) 44.5° 142 E(C0) 42.8° 159
1.5	2.95	E(0°) 356
	2.78	E(C90) 44.5° 65 E(C0) 42.8° 72
2.0	3.93	E(0°) 200
	3.70	E(C90) 44.5° 37 E(C0) 42.8° 40
2.5	4.91	E(0°) 128
	4.63	E(C90) 44.5° 23 E(C0) 42.8° 25
3.0	5.90	E(0°) 89
	5.56	E(C90) 44.5° 16 E(C0) 42.8° 18

Distance [m] Cone diameter [m] illuminance [lx]  
C0 - C180 (Half beam angle: 85.6°)  
C90 - C270 (Half beam angle: 89.9°)

