

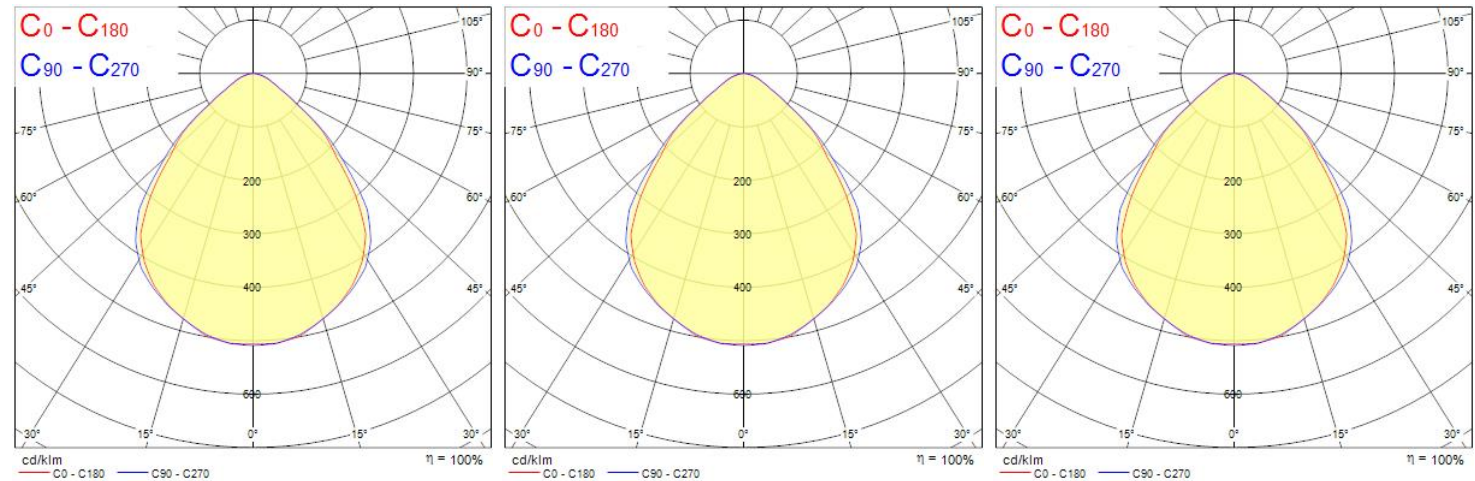
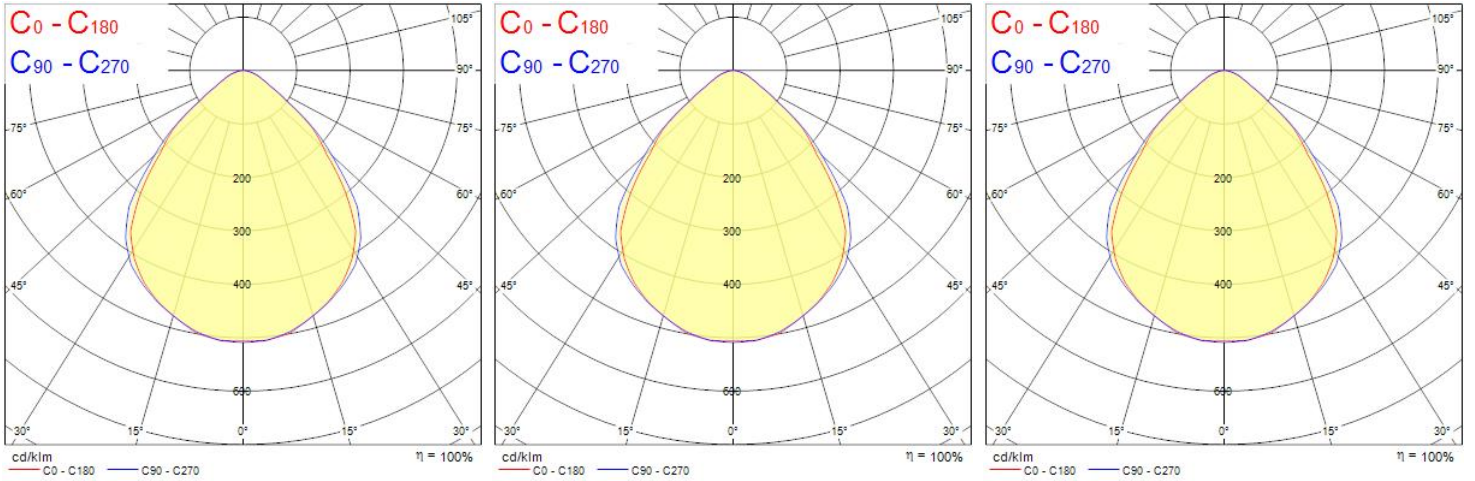
### Features

- OPTICLIP LIGHT E 840 1DC WH LED light module with reflector, assembled with 1DC connector, 200-450mA drive current, up to 1970lm flux @450mA drive current, CRI80, 4000K, SDCM≤3

### Product Overview

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

### Photometry



Distance [m]	Cone diameter [m]	Illuminance [lx]	E(0°)	E(C90)	E(C0)
0.5	0.98 0.93	1924 353 381	44.5°	42.8°	
1.0	1.97 1.85	481 88 96	44.5°	42.8°	
1.5	2.95 2.78	214 39 42	44.5°	42.8°	
2.0	3.93 3.70	120 22 24	44.5°	42.8°	
2.5	4.91 4.63	77 14 15	44.5°	42.8°	
3.0	5.90 5.56	53 10 11	44.5°	42.8°	

Distance [m] Cone diameter [m] Illuminance [lx]  
 — C0 - C180 (Half beam angle: 85.6°)  
 — C90 - C270 (Half beam angle: 89.0°)

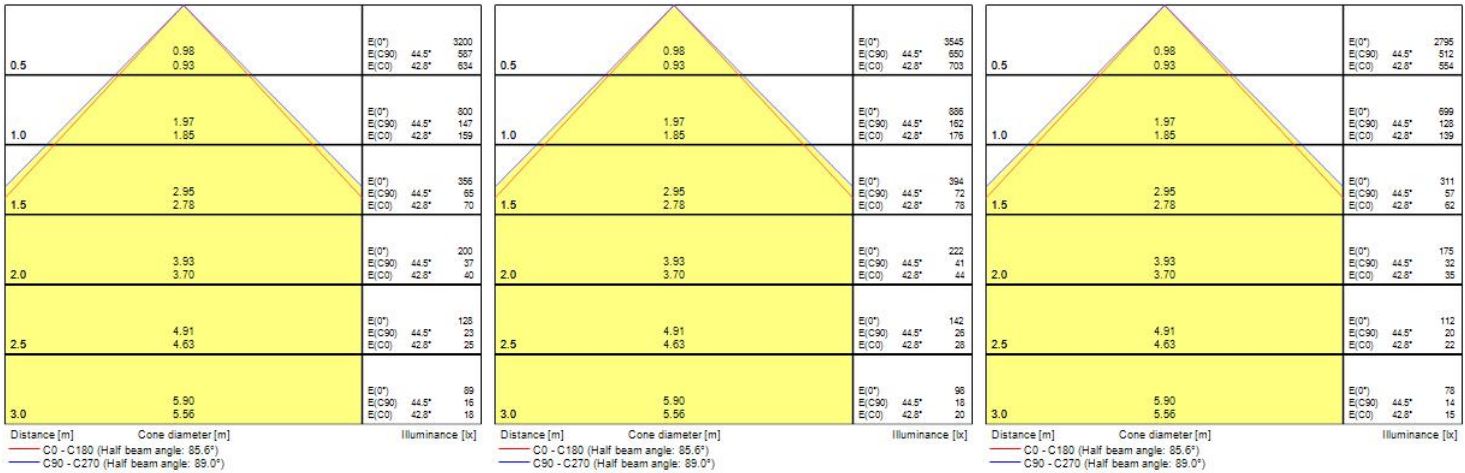
Distance [m]	Cone diameter [m]	Illuminance [lx]	E(0°)	E(C90)	E(C0)
0.5	0.98 0.93	2329 427 452	44.5°	42.8°	
1.0	1.97 1.85	582 107 115	44.5°	42.8°	
1.5	2.95 2.78	259 47 51	44.5°	42.8°	
2.0	3.93 3.70	145 27 29	44.5°	42.8°	
2.5	4.91 4.63	93 17 18	44.5°	42.8°	
3.0	5.90 5.56	65 12 13	44.5°	42.8°	

Distance [m] Cone diameter [m] Illuminance [lx]  
 — C0 - C180 (Half beam angle: 85.6°)  
 — C90 - C270 (Half beam angle: 89.0°)

Distance [m]	Cone diameter [m]	Illuminance [lx]	E(0°)	E(C90)	E(C0)
0.5	0.98 0.93	3990 732 791	44.5°	42.8°	
1.0	1.97 1.85	998 183 198	44.5°	42.8°	
1.5	2.95 2.78	443 81 88	44.5°	42.8°	
2.0	3.93 3.70	249 46 49	44.5°	42.8°	
2.5	4.91 4.63	150 29 32	44.5°	42.8°	
3.0	5.90 5.56	111 20 22	44.5°	42.8°	

Distance [m] Cone diameter [m] Illuminance [lx]  
 — C0 - C180 (Half beam angle: 85.6°)  
 — C90 - C270 (Half beam angle: 89.0°)

## OPTICLIP LIGHT E 840 1DC WH 0044035



### Data table

#### GENERAL DATA

<b>Product name</b>	OPTICLIP LIGHT E 840 1DC WH
<b>Technology</b>	LED
<b>Cap/Base</b>	N/A
<b>Mount</b>	Ceiling recessed mounting
<b>Operating temperature range (°C)</b>	-20°C...+40°C
<b>Performance ambient temperature Tq (°C)</b>	25
<b>Warranty</b>	5 years

#### OPTICAL DATA

<b>Fixture luminous flux (lm)</b>	1970
<b>Colour temperature (K)</b>	4000
<b>Light colour</b>	Neutral White
<b>CRI (Ra)</b>	80
<b>Colour Variation Initial (SDCM)</b>	5
<b>Luminous Intensity (cd)</b>	1010
<b>Photobiological Risk Group</b>	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	5410288440354
Packaging single width (cm)	7.0

## OPTICLIP LIGHT E 840 1DC WH 0044035

Packaging single depth (cm)	3.0
DUN14 (outer)	15410288440351
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