

## Optimo Large - LED

*Optimo Large LED NW LS3 WH*  
3089952



### Product features

- Integrated LED spotlight for three circuit track (LS3) with unique 2 tone colour combinations made possible by body and trim concept. The twist and lock bezel design allows for quick and easy replacement of reflectors and / or filter. Die-cast aluminium body, 2,911LM, 24W, 121lm/W, 4000K, Driver Current: 600mA, CRI80, 36° beam angle, Non-dimmable LED driver, IP20, IK02, 50,000 hrs (L70), (HxDxW) 128x100x 55mm, 3 step MacAdam ellipse, 1.3kg, Matt White and Matt black, Class 2, 220-240V, energy class: A++, A+, A



### PRODUCT OVERVIEW

IPC Code	3089952
Product name	Optimo Large LED NW LS3 WH
Technology	LED
Housing	Die cast aluminium
Mount	LS3
Environment	Interior
General application	Retail
Certifications	EUNEW009
ETIM Class	EC001744
E-number FI	4170043
E-number SE	7416956
Fixture luminous flux (lm)	2911
Luminaire efficacy (lm/W)	121
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Consistency (SDCM)	3
Beam Angle (°)	36
Photobiological Risk Group	RG1
Total power consumption (W)	24
Electrical protection	Class II
Control gear type	Electronic
Average life (Nominal) (h)	50000
Housing colour	Black/Matte white
IP rating	IP20
IK rating	IK02
Product EAN number	8711971899525
Included lamp	INTEGRATED LED

### DATA TABLE

#### General data

IPC Code	3089952
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Product name	Optimo Large LED NW LS3 WH
Technology	LED
Housing	Die cast aluminium
Mount	LS3
Environment	Interior
General application	Retail
Operating temperature rated (°C)	25
Certifications	EUNEW009
ETIM Class	EC001744
E-number FI	4170043
E-number SE	7416956

### Optical data

Fixture luminous flux (lm)	2911
Luminaire efficacy (lm/W)	121
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Consistency (SDCM)	3
Adjustable chromaticity	N
Beam Angle (°)	36
Distribution type	Direct
Photobiological Risk Group	RG1

### Electrical data

Total power consumption (W)	24
Equivalent watt (W)	36
Electrical protection	Class II
Control gear type	Electronic
Drive current (mA)	600
Inrush Current (A)	8
Inrush Duration (µs)	80
Glow Wire Test (°C)	850
Max. Luminaires per 16A C Breaker	40

### Lifetime data

Average life (Nominal) (h)	50000
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### Physical data

Vertical Tilt (°)	90
Horizontal rotation (°)	355
Housing colour	Black/Matte white
IP rating	IP20
IK rating	IK02
Weight (kg)	1.272

### Packaging

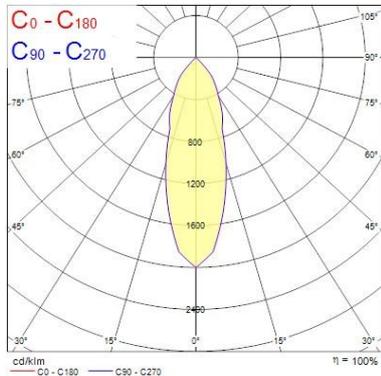
Single packaging type	Carton
Product EAN number	8711971899525

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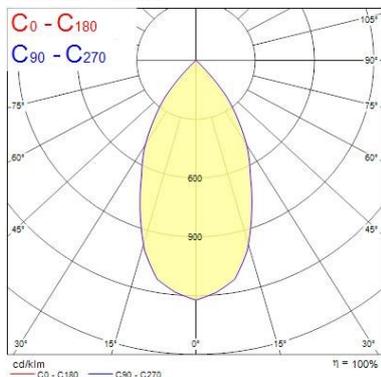
Packaging single length / height (cm)	19.7
Packaging single width (cm)	20.9
Packaging single depth (cm)	17.0
DUN14 (outer)	08711971899525
Units per outer package	1
Packaging outer length / height (cm)	19.7
Packaging outer width (cm)	20.9
Packaging outer depth (cm)	17.0

### PHOTOMETRY



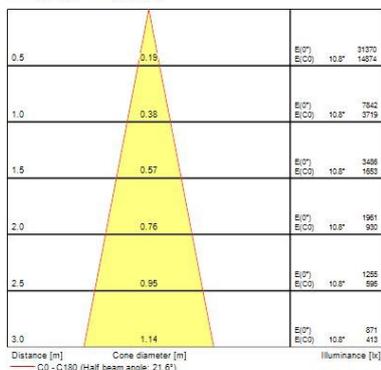
Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(0°) E(C90)
0.5	0.29	23390	10398
1.0	0.56	5823	2564
1.5	0.88	2588	1148
2.0	1.17	1496	646
2.5	1.46	930	413
3.0	1.75	647	281

Distance [m] Cone diameter [m] Illuminance [lx]  
C0 - C180 (Half beam angle: 32.6°)



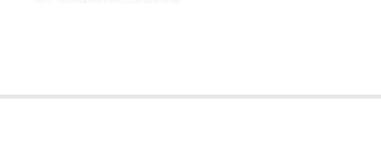
Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(0°) E(C90)
0.5	0.12	96504	46775
1.0	0.24	23901	11684
1.5	0.36	10523	5197
2.0	0.48	5975	2854
2.5	0.61	3534	1671
3.0	0.73	2656	1259

Distance [m] Cone diameter [m] Illuminance [lx]  
C0 - C180 (Half beam angle: 13.8°)



Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(0°) E(C90)
0.5	0.19	31370	14874
1.0	0.38	7662	3719
1.5	0.57	3486	1683
2.0	0.76	1961	930
2.5	0.95	1266	596
3.0	1.14	871	413

Distance [m] Cone diameter [m] Illuminance [lx]  
C0 - C180 (Half beam angle: 21.6°)



Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(0°) E(C90)
0.5	0.50	14420	5188
1.0	1.00	3605	1296
1.5	1.50	1602	675
2.0	1.99	901	324
2.5	2.49	577	207
3.0	2.99	401	144

Distance [m] Cone diameter [m] Illuminance [lx]  
C0 - C180 (Half beam angle: 53.0°)



## Optimo Large - LED *Optimo Large LED NW LS3 WH* 3089952

**Lumiance** 3089952

 This luminaire contains built in LED lamps.

 } LED

The lamps cannot be changed in the luminaire.

874/2012 

 This luminaire contains built in LED lamps.

 } LED

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**Lumiance** 3089952  874/2012