

Beacon LED - High Output

BEACON 85CRI 3K NARROW BEAM L3 TRAILING EDGE WHITE
2059665



PRODUCT OVERVIEW

Product name	BEACON 85CRI 3K NARROW BEAM L3 TRAILING EDGE WHITE
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Track mounting
Environment	Internal
E-number FI	4280815
E-number SE	7401242
Warranty	5 years
Fixture luminous flux (lm)	2013
Luminaire efficacy (lm/W)	96
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	85
Colour Consistency (SDCM)	3
Photobiological Risk Group	RG1
Total power consumption (W)	21
Electrical protection	Class II
Control gear type	Electronic ballast
Housing colour	White
IP rating	IP20
IK rating	IK02
Product EAN number	5025768596652

DATA TABLE

General data

Product name	BEACON 85CRI 3K NARROW BEAM L3 TRAILING EDGE WHITE
Technology	LED

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Cap/Base	N/A
Housing	Aluminium
Mount	Track mounting
Environment	Internal
Performance ambient temperature Tq (°C)	25
E-number FI	4280815
E-number SE	7401242
Warranty	5 years

Optical data

Fixture luminous flux (lm)	2013
Luminaire efficacy (lm/W)	96
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	85
Colour Consistency (SDCM)	3
Adjustable chromaticity	N
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	21
Primary Supply/Product voltage - min (V)	220
Lamp power factor	0.9
Electrical protection	Class II
Control gear type	Electronic ballast
Drive current (mA)	500
Inrush Current (A)	45
Inrush Duration (µs)	20
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	48

Lifetime data

Lifespan L70 B50	72000
Lifespan L70 B10	72000
Lifespan L80 B50	72000
Lifespan L80 B20	72000
Lifespan L80 B10	72000
Lifespan L90 B50	44000
Lifespan L90 B20	37000
Lifespan L90 B10	34000

Physical data

Housing colour	White
IP rating	IP20
IK rating	IK02

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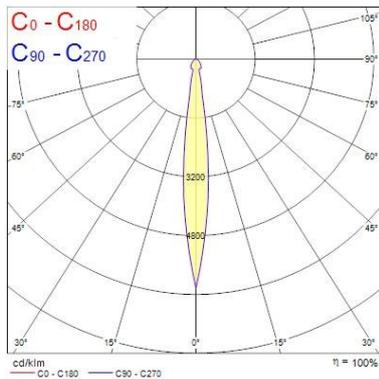
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Nominal Product Length (mm)	70
Nominal Product Width (mm)	130
Weight (kg)	0.7

Packaging

Single packaging type	Carton
Product EAN number	5025768596652
Packaging single width (cm)	17.6
Packaging single depth (cm)	18.2
DUN14 (outer)	05025768596652
Packaging outer length / height (cm)	16.0

PHOTOMETRY



Distance [m]	Cone diameter [m]	E(0°) [lx]	E(CO) [lx]	Illuminance [lx]
0.5	0.11	3200	600	3200
1.0	0.21	1254	623	1254
1.5	0.32	557	272	557
2.0	0.43	311	159	311
2.5	0.53	200	96	200
3.0	0.64	134	60	134

TECHNICAL DRAWINGS

