

Beacon LED XL - High Output

BEACON XL 85CRI 3K MEDIUM BEAM L3 WHITE
2059715



PRODUCT OVERVIEW

Product name	BEACON XL 85CRI 3K MEDIUM BEAM L3 WHITE
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Track mounting
Environment	Internal
E-number FI	4280875
E-number SE	7401256
Warranty	5 years
Fixture luminous flux (lm)	3744
Luminaire efficacy (lm/W)	113
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)	33
Electrical protection	Class II
Control gear type	Electronic ballast
Housing colour	White
IP rating	IP20
IK rating	IK02
Product EAN number	5025768597154

DATA TABLE

General data

Product name	BEACON XL 85CRI 3K MEDIUM BEAM L3 WHITE
Technology	LED
Cap/Base	N/A
Housing	Aluminium

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Mount	Track mounting
Environment	Internal
Performance ambient temperature Tq (°C)	25
E-number FI	4280875
E-number SE	7401256
Warranty	5 years

Optical data

Fixture luminous flux (lm)	3744
Luminaire efficacy (lm/W)	113
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)	33
Primary Supply/Product voltage - min (V)	220
Lamp power factor	0.9
Electrical protection	Class II
Control gear type	Electronic ballast
Drive current (mA)	800
Inrush Current (A)	30
Inrush Duration (µs)	200
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	12

Lifetime data

Lifespan L70 B50	72000
Lifespan L80 B20	72000
Lifespan L90 B10	33000

Physical data

Housing colour	White
IP rating	IP20
IK rating	IK02
Nominal Product Length (mm)	85
Nominal Product Width (mm)	165
Weight (kg)	1.365

Packaging

Single packaging type	Carton
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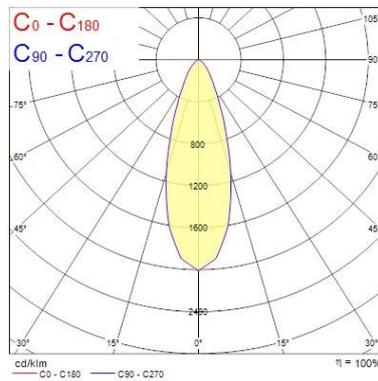
Product EAN number	5025768597154
Packaging single width (cm)	19.5
Packaging single depth (cm)	20.0
DUN14 (outer)	05025768597154
Packaging outer length / height (cm)	25.0

PHOTOMETRY

0.5	0.31	E(0°) E(C0)	17.1°	30965 13133
1.0	0.62	E(0°) E(C0)	17.1°	7616 3283
1.5	0.92	E(0°) E(C0)	17.1°	3341 1469
2.0	1.23	E(0°) E(C0)	17.1°	1879 821
2.5	1.54	E(0°) E(C0)	17.1°	1223 525
3.0	1.85	E(0°) E(C0)	17.1°	835 365

Distance [m] Cone diameter [m] Illuminance [lx]

— C0 - C180 (Half beam angle: 34.2°)



TECHNICAL DRAWINGS

