

Beacon LED XL - High Output

BEACON XL 85CRI 3K WIDE BEAM L3 BLACK
2059716



PRODUCT OVERVIEW

Product name	BEACON XL 85CRI 3K WIDE BEAM L3 BLACK
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Track mounting
Environment	Internal
E-number FI	4280876
E-number SE	7401257
Warranty	5 years
Fixture luminous flux (lm)	3479
Luminaire efficacy (lm/W)	105
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	Black
IP rating	IP20
IK rating	IK02
Product EAN number	5025768597161

DATA TABLE

General data

Product name	BEACON XL 85CRI 3K WIDE BEAM L3 BLACK
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	4280876
E-number SE	7401257
Warranty	5 years

Optical data

Fixture luminous flux (lm)	3479
Luminaire efficacy (lm/W)	105
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	Black
IP rating	IP20
IK rating	IK02
Nominal Product Length (mm)	85
Nominal Product Width (mm)	165
Weight (kg)	1.365

Packaging

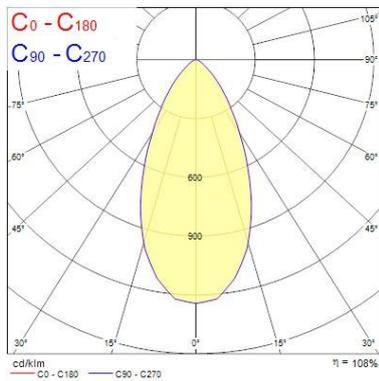
Single packaging type	Carton
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Product EAN number	5025768597161
Packaging single width (cm)	19.5
Packaging single depth (cm)	20.0
DUN14 (outer)	05025768597161
Packaging outer length / height (cm)	25.0

PHOTOMETRY



0.5	0.47	E(0°) E(C0)	17301 6447
1.0	0.94	E(0°) E(C0)	4325 1612
1.5	1.41	E(0°) E(C0)	1922 716
2.0	1.87	E(0°) E(C0)	1081 403
2.5	2.34	E(0°) E(C0)	692 258
3.0	2.81	E(0°) E(C0)	451 179

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 50.2°) Illuminance [lx]

TECHNICAL DRAWINGS

