

Beacon LED - High Output

BEACON 85CRI 3K NARROW BEAM L3 TRAILING EDGE BLACK
2059664



PRODUCT OVERVIEW

Product name	BEACON 85CRI 3K NARROW BEAM L3 TRAILING EDGE BLACK
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Track mounting
Environment	Internal
E-number FI	4280814
E-number SE	7401241
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	Black
IP rating	IP20
IK rating	IK02
Product EAN number	5025768596645

DATA TABLE

General data

Product name	BEACON 85CRI 3K NARROW BEAM L3 TRAILING EDGE BLACK
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	4280814
E-number SE	7401241
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	Black
IP rating	IP20
IK rating	IK02

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Nominal Product Length (mm)	70
Nominal Product Width (mm)	130
Weight (kg)	1.543

Packaging

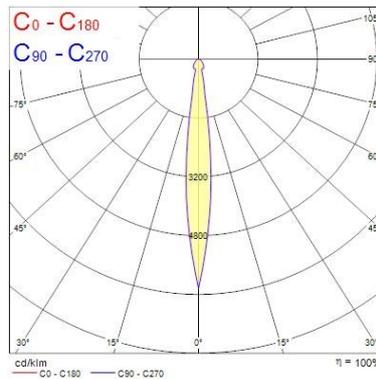
Single packaging type	Carton
Product EAN number	5025768596645
Packaging single width (cm)	6.929
Packaging single depth (cm)	7.165
DUN14 (outer)	05025768596645
Packaging outer length / height (cm)	6.299

PHOTOMETRY

Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(1°) E(C1)
0.5	0.11	50192 32651	6.1°
1.0	0.21	12548 8238	6.1°
1.5	0.32	8577 2772	6.1°
2.0	0.43	3137 1559	6.1°
2.5	0.53	2008 966	6.1°
3.0	0.64	1394 693	6.1°

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

— C0 - C180 (Half beam angle: 12.2°)



TECHNICAL DRAWINGS

