

## Beacon LED - High Output

BEACON 85CRI 3K MEDIUM BEAM L3 TRAILING EDGE BLACK  
2059666



### PRODUCT OVERVIEW

Product name	BEACON 85CRI 3K MEDIUM BEAM L3 TRAILING EDGE BLACK
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Track mounting
Environment	Internal
E-number FI	4280816
E-number SE	7401243
Warranty	5 years
Fixture luminous flux (lm)	2269
Luminaire efficacy (lm/W)	108
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	5025768596669

### DATA TABLE

#### General data

Product name	BEACON 85CRI 3K MEDIUM BEAM L3 TRAILING EDGE BLACK
Technology	LED

## Beacon LED - High Output

*BEACON 85CRI 3K MEDIUM BEAM L3 TRAILING EDGE BLACK*  
2059666

Cap/Base	N/A
Housing	Aluminium
Mount	Track mounting
Environment	Internal
Performance ambient temperature Tq (°C)	25
E-number FI	4280816
E-number SE	7401243
Warranty	5 years

### Optical data

Fixture luminous flux (lm)	2269
Luminaire efficacy (lm/W)	108
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	43000
Lifespan L90 B20	36000
Lifespan L90 B10	33000

### Physical data

Housing colour	Black
IP rating	IP20
IK rating	IK02

## Beacon LED - High Output

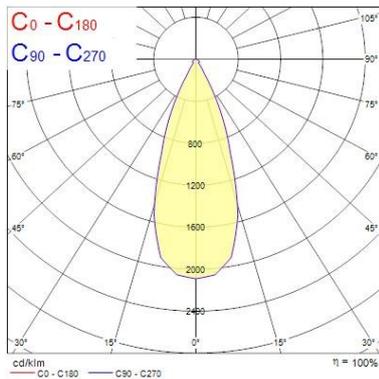
*BEACON 85CRI 3K MEDIUM BEAM L3 TRAILING EDGE BLACK*  
2059666

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

### Packaging

Single packaging type	Carton
Product EAN number	5025768596669
Packaging single width (cm)	6.929
Packaging single depth (cm)	7.165
DUN14 (outer)	05025768596669
Packaging outer length / height (cm)	6.299

## PHOTOMETRY



Distance [m]	Cone diameter [m]	E(0°) [lx]	E(C0) [lx]	E(C90) [lx]
0.5	0.35	18976	19.1*	3063
1.0	0.69	4744	19.1*	2015
1.5	1.04	2108	19.1*	898
2.0	1.39	1198	19.1*	504
2.5	1.73	759	19.1*	321
3.0	2.08	527	19.1*	224

Distance [m]      Cone diameter [m]      Illuminance [lx]  
C0 - C180 (Half beam angle: 38.2°)

## TECHNICAL DRAWINGS

