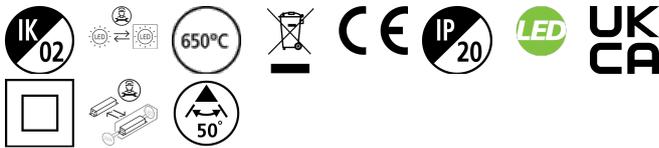


## Beacon LED XL - High Output

*BEACON XL 85CRI 4K WIDE BEAM L3 WHITE*  
2059723



### PRODUCT OVERVIEW

Product name	BEACON XL 85CRI 4K WIDE BEAM L3 WHITE
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Track mounting
Environment	Internal
E-number FI	4280883
E-number SE	7401264
Warranty	5 years
Fixture luminous flux (lm)	3682
Luminaire efficacy (lm/W)	112
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral 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	5025768597239

### DATA TABLE

#### General data

Product name	BEACON XL 85CRI 4K WIDE BEAM L3 WHITE
Technology	LED
Cap/Base	N/A
Housing	Aluminium

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<b>Mount</b>	Track mounting
<b>Environment</b>	Internal
<b>Performance ambient temperature Tq (°C)</b>	25
<b>E-number FI</b>	4280883
<b>E-number SE</b>	7401264
<b>Warranty</b>	5 years

### Optical data

<b>Fixture luminous flux (lm)</b>	3682
<b>Luminaire efficacy (lm/W)</b>	112
<b>LOR (%)</b>	100
<b>Colour temperature (K)</b>	4000
<b>Light colour</b>	Neutral White
<b>CRI (Ra)</b>	85
<b>Colour Consistency (SDCM)</b>	3
<b>Adjustable chromaticity</b>	N
<b>Photobiological Risk Group</b>	RG1

### Electrical data

<b>Total power consumption (W)</b>	33
<b>Primary Supply/Product voltage - min (V)</b>	220
<b>Lamp power factor</b>	0.9
<b>Electrical protection</b>	Class II
<b>Control gear type</b>	Electronic ballast
<b>Drive current (mA)</b>	800
<b>Inrush Current (A)</b>	30
<b>Inrush Duration (µs)</b>	200
<b>Glow Wire Test (°C)</b>	650
<b>Energy Efficiency Class (A-&gt;G) of contained light source</b>	D
<b>Nominal Frequency (Hz)</b>	50/60Hz
<b>Max. products per 10A C Breaker</b>	12

### Lifetime data

<b>Lifespan L70 B50</b>	72000
<b>Lifespan L80 B20</b>	72000
<b>Lifespan L90 B10</b>	33000

### Physical data

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

### Packaging

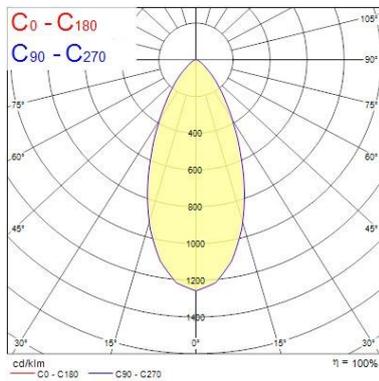
<b>Single packaging type</b>	Carton
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## Beacon LED XL - High Output

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Product EAN number	5025768597239
Packaging single width (cm)	19.5
Packaging single depth (cm)	20.0
DUN14 (outer)	05025768597239
Packaging outer length / height (cm)	25.0

### PHOTOMETRY



0.5	0.43	E(0°) E(C0)	23.5°	1952 746
1.0	0.87	E(0°) E(C0)	23.5°	481 176
1.5	1.30	E(0°) E(C0)	23.5°	208 79
2.0	1.74	E(0°) E(C0)	23.5°	118 47
2.5	2.17	E(0°) E(C0)	23.5°	74 28
3.0	2.61	E(0°) E(C0)	23.5°	51 19

Distance [m]      Cone diameter [m]      Illuminance [lx]  
C0 - C180 (Half beam angle: 47.0°)

### TECHNICAL DRAWINGS

