

Concord

EXPOSPOT 90 TRIO HE RA90 3000K NB WHITE 2070059



Features

- Integrated LED triple gimbal accent downlight, trio head, ideal for retail and display applications, die-cast aluminium body, passive cooling, beam angle: 25°, optics: aluminium reflector and lens combination, colour temperature: 3000K warm white, total system power: 77W, total fixture output: 3x2536lm, 99lm/W, LOR: 100%, colour rendering: Ra 90 typical, LED Chromacity: 3 step MacAdam ellipse, IR/UV free light source without heat radiation, operating voltage: 220-240V / 50-60Hz, electronic driver, non-dimmable, electrical protection: CLASS II, ingress protection rating: IP20, suitable for internal environment only, ceiling cut-out: 148x422mm, dimensions: 163x437x104mm, weight: 2.75kg.

Product Overview

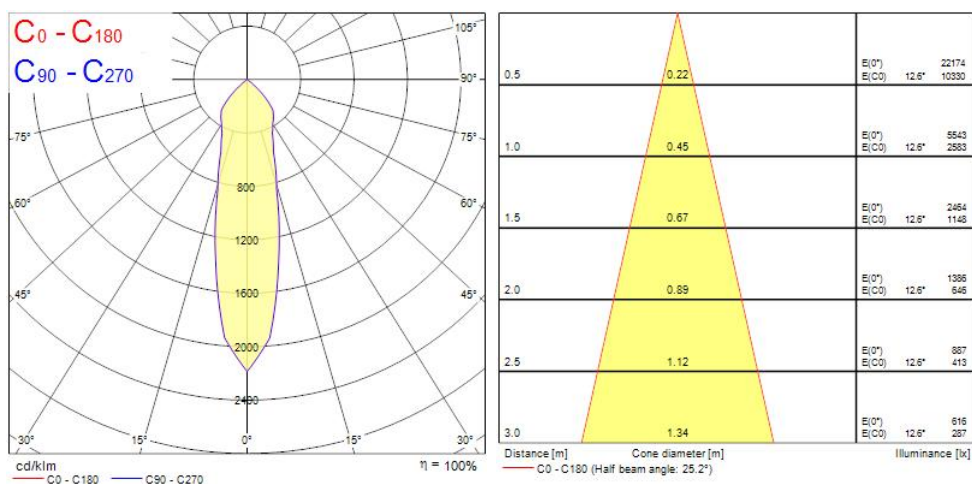
Product name	EXPOSPOT 90 TRIO HE RA90 3000K NB WHITE
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
Fixture luminous flux (lm)	3 x 2536
Luminaire efficacy (lm/W)	99
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	90
Colour Variation Initial (SDCM)	3
Photobiological Risk Group	RG1
Total power consumption (W)	77
Electrical protection	Class II

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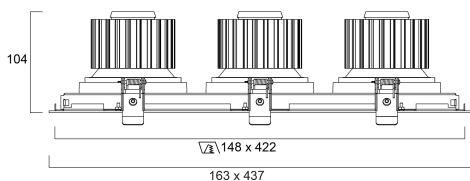
EXPOSPOT 90 TRIO HE RA90 3000K NB WHITE 2070059

Control gear type	Electronic ballast
Control gear mounting	Remote
Housing colour	White
IP rating	IP20
IK rating	IK02
Product EAN number	5025768700592
Warranty	5 years

Photometry



Technical drawings



Data table

GENERAL DATA

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EXPOSPOT 90 TRIO HE RA90 3000K NB WHITE 2070059

Product name	EXPOSPOT 90 TRIO HE RA90 3000K NB WHITE
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
Performance ambient temperature Tq (°C)	25
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	3 x 2536
Luminaire efficacy (lm/W)	99
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	90
Colour Variation Initial (SDCM)	3
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	77
Primary Supply/Product voltage - min (V)	220
Lamp power factor	0.92
Electrical protection	Class II
Control gear required	No
Control gear type	Electronic ballast
Control gear mounting	Remote
Drive current (mA)	700
Inrush Current (A)	58.2
Inrush Duration (µs)	250
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	E

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EXPOSPOT 90 TRIO HE RA90 3000K NB WHITE 2070059

Nominal Frequency (Hz)	50/60Hz
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Max. products per 10A C Breaker	7
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Max. products per 20A B Breaker	9
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LIFETIME DATA

Lifespan L70 B50	100000
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Lifespan L80 B20	100000
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Lifespan L90 B10	54500
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PHYSICAL DATA

Housing colour	White
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IP rating	IP20
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IK rating	IK02
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Nominal Product Length (mm)	437
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Nominal Product Width (mm)	163
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Weight (kg)	2.75
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Recessed Depth (mm)	104
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PACKAGING

Single packaging type	Carton
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Product EAN number	5025768700592
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Packaging single width (cm)	30.0
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Packaging single depth (cm)	20.0
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DUN14 (outer)	05025768700592
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Packaging outer length / height (cm)	50.0
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SAFETY DATA

Special purpose lamp	No
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Dry applications use only	No
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Suitable for household illumination	No
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