

Concord

EXOSPOT 90 TRIO HO RA90 3000K NB WHITE 2070104



Features

- Integrated LED triple gimbal accent downlight, trio head, ideal for retail and display applications, die-cast aluminium body, passive cooling, beam angle: 26°, optics: aluminium reflector and lens combination, colour temperature: 3000K warm white, total system power: 107W, total fixture output: 3x3369lm, 94lm/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 | EXOSPOT 90 TRIO HO 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 3369 |
| Luminaire efficacy (lm/W) | 94 |
| 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) | 107 |
| Electrical protection | Class II |
| Control gear type | Electronic ballast |

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Control gear mounting

Remote

Housing colour

White

IP rating

IP20

IK rating

IK02

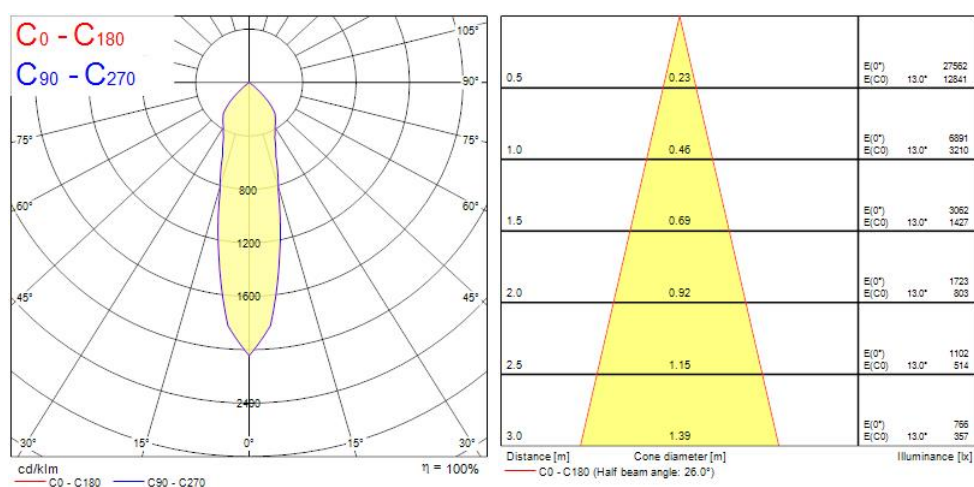
Product EAN number

5025768701049

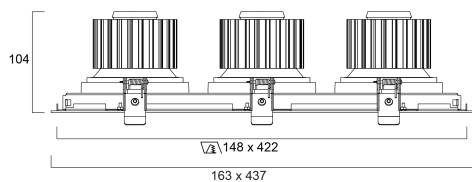
Warranty

5 years

Photometry



Technical drawings



Data table

GENERAL DATA

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| | |
|---|---|
| Product name | EXPOSPOT 90 TRIO HO 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 3369 |
| Luminaire efficacy (lm/W) | 94 |
| 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) | 107 |
| Primary Supply/Product voltage - min (V) | 220 |
| Lamp power factor | 0.95 |
| Electrical protection | Class II |
| Control gear required | No |
| Control gear type | Electronic ballast |
| Control gear mounting | Remote |
| Drive current (mA) | 900 |
| 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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| | |
|------------------------|---------|
| Nominal Frequency (Hz) | 50/60Hz |
|------------------------|---------|

| | |
|---------------------------------|---|
| Max. products per 10A C Breaker | 7 |
|---------------------------------|---|

| | |
|---------------------------------|---|
| Max. products per 20A B Breaker | 9 |
|---------------------------------|---|

LIFETIME DATA

| | |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
|------------------|--------|

| | |
|------------------|--------|
| Lifespan L80 B20 | 100000 |
|------------------|--------|

| | |
|------------------|-------|
| Lifespan L90 B10 | 54500 |
|------------------|-------|

PHYSICAL DATA

| | |
|----------------|-------|
| Housing colour | White |
|----------------|-------|

| | |
|-----------|------|
| IP rating | IP20 |
|-----------|------|

| | |
|-----------|------|
| IK rating | IK02 |
|-----------|------|

| | |
|-----------------------------|-----|
| Nominal Product Length (mm) | 437 |
|-----------------------------|-----|

| | |
|----------------------------|-----|
| Nominal Product Width (mm) | 163 |
|----------------------------|-----|

| | |
|-------------|------|
| Weight (kg) | 2.75 |
|-------------|------|

| | |
|---------------------|-----|
| Recessed Depth (mm) | 104 |
|---------------------|-----|

PACKAGING

| | |
|-----------------------|--------|
| Single packaging type | Carton |
|-----------------------|--------|

| | |
|--------------------|---------------|
| Product EAN number | 5025768701049 |
|--------------------|---------------|

| | |
|-----------------------------|------|
| Packaging single width (cm) | 30.0 |
|-----------------------------|------|

| | |
|-----------------------------|------|
| Packaging single depth (cm) | 20.0 |
|-----------------------------|------|

| | |
|---------------|----------------|
| DUN14 (outer) | 05025768701049 |
|---------------|----------------|

| | |
|--------------------------------------|------|
| Packaging outer length / height (cm) | 50.0 |
|--------------------------------------|------|

SAFETY DATA

| | |
|----------------------|----|
| Special purpose lamp | No |
|----------------------|----|

| | |
|---------------------------|----|
| Dry applications use only | No |
|---------------------------|----|

| | |
|-------------------------------------|----|
| Suitable for household illumination | No |
|-------------------------------------|----|