

Start Highbay DALI

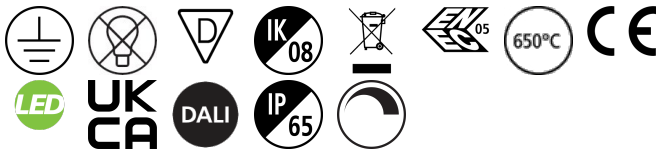
START Highbay IP65 DALI 26000lm 840 WB

0039367



Product features

- START Highbay, includes 1 m cables, black aluminium housing, 24,700 Lm, 190 W, 130 Lm/W, 6500 K, drive current: 4100 mA, CRI 80, 90° beam angle, DALI dimmable, IP65, IK08, 54,000 hrs (L80/B50), (D x H) 339 x 189 mm, 1 m mains cable, 1 m control cable, 1.2 m chain length including hooks



PRODUCT OVERVIEW

| | |
|---------------------------------|--|
| Product name | START Highbay IP65 DALI 26000lm 840 WB |
| Technology | LED |
| Housing | Aluminium |
| Mount | Suspended |
| General application | Logistics & Industry |
| ETIM Class | EC001716 |
| E-number FI | 4309002 |
| E-number SE | 7214427 |
| Warranty | 5 years |
| Fixture luminous flux (lm) | 24700 |
| Luminaire efficacy (lm/W) | 130 |
| Colour temperature (K) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM6 |
| Beam Angle (°) | 90 |
| Glare control | < 25 |
| Photobiological Risk Group | RG1 |
| Total power consumption (W) | 190 |
| Electrical protection | Class I |
| Control gear type | Electronic ballast |
| Dimmable | Yes |
| LED Flickering Rate | Ultra low (5% or less) |
| Housing colour | Black |
| IP rating | IP65 |
| IK rating | IK08 |
| Product EAN number | 5410288393674 |

DATA TABLE

General data

| | |
|--------------|--|
| Product name | START Highbay IP65 DALI 26000lm 840 WB |
|--------------|--|

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| | |
|---|----------------------|
| Technology | LED |
| Housing | Aluminium |
| Mount | Suspended |
| General application | Logistics & Industry |
| Operating temperature range (°C) | -30°C - 50°C |
| Performance ambient temperature Tq (°C) | 25 |
| ETIM Class | EC001716 |
| E-number FI | 4309002 |
| E-number SE | 7214427 |
| Warranty | 5 years |

Optical data

| | |
|---------------------------------|---------------|
| Fixture luminous flux (lm) | 24700 |
| Luminaire efficacy (lm/W) | 130 |
| Colour temperature (K) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM6 |
| Beam Angle (°) | 90 |
| Distribution type | Direct |
| Glare control | < 25 |
| Photobiological Risk Group | RG1 |

Electrical data

| | |
|--|------------------------|
| Total power consumption (W) | 190 |
| Mains voltage (V) | 220-240V~ |
| Lamp power factor | 0.95 |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x % | 10 |
| Electrical protection | Class I |
| Control gear type | Electronic ballast |
| Dimmable | Yes |
| Drive current (mA) | 4100 |
| Inrush Current (A) | 85 |
| Inrush Duration (µs) | 600 |
| Glow Wire Test (°C) | 650 |
| Nominal Frequency (Hz) | 50/60Hz |
| LED Flickering Rate | Ultra low (5% or less) |
| Max. Luminaires per 10A C Breaker | 4 |
| Max. Luminaires per 13A C Breaker | 5 |
| Max. Luminaires per 16A C Breaker | 7 |
| Max. Luminaires per 20A C Breaker | 8 |

Lifetime data

| | |
|------------------|-------|
| Lifespan L70 B50 | 54000 |
| Lifespan L80 B50 | 54000 |
| Lifespan L90 B50 | 54000 |
| Lifespan L90 B10 | 50000 |

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Physical data

| | |
|-------------------------------|------------------|
| Housing colour | Black |
| IP rating | IP65 |
| IK rating | IK08 |
| Diffuser finish | Transparent |
| Diffuser material | PC Polycarbonate |
| Nominal Product Length (mm) | 339 |
| Nominal Product Width (mm) | 339 |
| Nominal Product Height (mm) | 189 |
| Nominal Product Diameter (mm) | 339 |
| Weight (kg) | 3.7 |

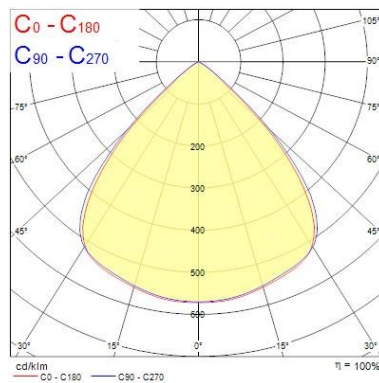
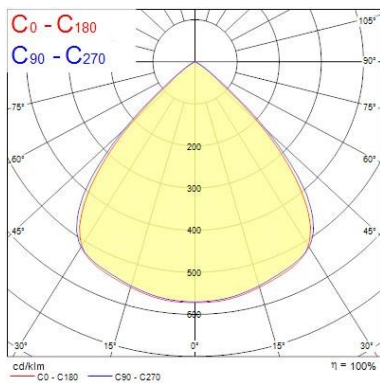
Packaging

| | |
|---------------------------------------|----------------|
| Single packaging type | Carton |
| Product EAN number | 5410288393674 |
| Packaging single length / height (cm) | 40.0 |
| Packaging single width (cm) | 40.0 |
| Packaging single depth (cm) | 18.7 |
| DUN14 (outer) | 05410288393674 |
| Units per outer package | 1 |
| Packaging outer length / height (cm) | 40.0 |
| Packaging outer width (cm) | 40.0 |
| Packaging outer depth (cm) | 18.7 |

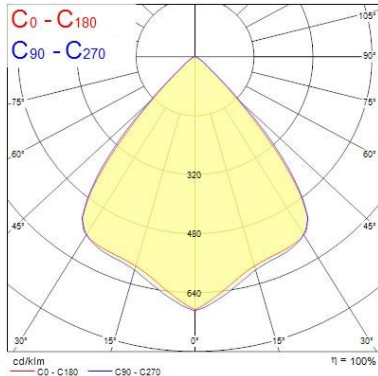
Safety data

| | |
|----------------------------------|--------|
| Optimal operating condition (°C) | -30-50 |
|----------------------------------|--------|

PHOTOMETRY

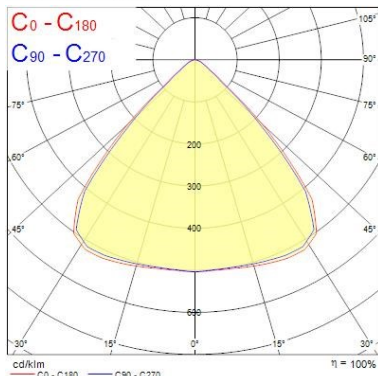


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| Distance [m] | Cone diameter [m] | E(0°) | E(C90) | E(C0) | Illuminance [lx] |
|--------------|-------------------|-------|------------|------------|------------------|
| 0.5 | 0.97 1.00 | 8027 | 44.0° 9511 | 45.0° 9208 | |
| 1.0 | 1.93 2.00 | 1254 | 44.0° 2403 | 45.0° 2301 | |
| 1.5 | 2.90 3.00 | 530 | 44.0° 1088 | 45.0° 1023 | |
| 2.0 | 3.86 4.00 | 319 | 44.0° 651 | 45.0° 575 | |
| 2.5 | 4.83 5.00 | 209 | 44.0° 394 | 45.0° 368 | |
| 3.0 | 5.79 6.00 | 136 | 44.0° 267 | 45.0° 236 | |

Distance [m] Cone diameter [m] Illuminance [lx]
— C0 - C180 (Half beam angle: 90.0°)
— C90 - C270 (Half beam angle: 90.0°)



| Distance [m] | Cone diameter [m] | E(0°) | E(C90) | E(C0) | Illuminance [lx] |
|--------------|-------------------|-------|-------------|-------------|------------------|
| 0.5 | 0.88 0.86 | 8799 | 41.2° 14544 | 40.8° 14922 | |
| 1.0 | 1.75 1.71 | 1690 | 41.2° 3661 | 40.8° 3730 | |
| 1.5 | 2.63 2.57 | 754 | 41.2° 1627 | 40.8° 1688 | |
| 2.0 | 3.50 3.43 | 426 | 41.2° 916 | 40.8° 930 | |
| 2.5 | 4.38 4.29 | 271 | 41.2° 508 | 40.8° 527 | |
| 3.0 | 5.25 5.14 | 182 | 41.2° 407 | 40.8° 414 | |

Distance [m] Cone diameter [m] Illuminance [lx]
— C0 - C180 (Half beam angle: 81.2°)
— C90 - C270 (Half beam angle: 81.4°)

| Distance [m] | Cone diameter [m] | E(0°) | E(C90) | E(C0) | Illuminance [lx] |
|--------------|-------------------|-------|-------------|-------------|------------------|
| 0.5 | 0.99 0.95 | 8798 | 44.8° 10526 | 43.8° 11107 | |
| 1.0 | 1.97 1.90 | 1450 | 44.8° 2632 | 43.8° 2777 | |
| 1.5 | 2.96 2.86 | 644 | 44.8° 1170 | 43.8° 1234 | |
| 2.0 | 3.94 3.81 | 362 | 44.8° 688 | 43.8° 694 | |
| 2.5 | 4.93 4.76 | 232 | 44.8° 421 | 43.8° 444 | |
| 3.0 | 5.92 5.71 | 161 | 44.8° 292 | 43.8° 309 | |

Distance [m] Cone diameter [m] Illuminance [lx]
— C0 - C180 (Half beam angle: 87.2°)
— C90 - C270 (Half beam angle: 85.2°)

| Distance [m] | Cone diameter [m] | E(0°) | E(C90) | E(C0) | Illuminance [lx] |
|--------------|-------------------|-------|-------------|-------------|------------------|
| 0.5 | 0.99 0.95 | 8798 | 44.8° 10526 | 43.8° 11107 | |
| 1.0 | 1.97 1.90 | 1450 | 44.8° 2632 | 43.8° 2777 | |
| 1.5 | 2.96 2.86 | 644 | 44.8° 1170 | 43.8° 1234 | |
| 2.0 | 3.94 3.81 | 362 | 44.8° 688 | 43.8° 694 | |
| 2.5 | 4.93 4.76 | 232 | 44.8° 421 | 43.8° 444 | |
| 3.0 | 5.92 5.71 | 161 | 44.8° 292 | 43.8° 309 | |

Distance [m] Cone diameter [m] Illuminance [lx]
— C0 - C180 (Half beam angle: 87.2°)
— C90 - C270 (Half beam angle: 85.2°)

TECHNICAL DRAWINGS

