

Start Highbay DALI

START Highbay IP65 DALI 13000lm 840 WB

0039365



Product features

- START Highbay, includes 1 m cables, black aluminium housing, 11,700 Lm, 90 W, 130 Lm/W, 6500 K, drive current: 2000 mA, CRI 80, 90° beam angle, DALI dimmable, IP65, IK08, 54,000 hrs (L80/B50), (D x H) 270 x 175 mm, 1 m mains cable, 1 m control cable, 1.2 m chain length including hooks



PRODUCT OVERVIEW

Product name	START Highbay IP65 DALI 13000lm 840 WB
Technology	LED
Housing	Aluminium
Mount	Suspended
Fixture rating	Enclosed
General application	Logistics & Industry
E-number FI	4306998
E-number SE	7214425
Warranty	5 years
Fixture luminous flux (lm)	11700
Luminaire efficacy (lm/W)	130
Colour temperature (K)	4000
Light colour	Neutral White
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	90
Glare control	< 25
Photobiological Risk Group	RG1
Total power consumption (W)	90
Electrical protection	Class I
Control gear type	Electronic ballast
Dimmable	Yes
Dimming method	DALI
LED Flickering Rate	Ultra low (5% or less)
Housing colour	Black
IP rating	IP65
IK rating	IK08
Product EAN number	5410288393650

DATA TABLE

General data

Product name	START Highbay IP65 DALI 13000lm 840 WB
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Technology	LED
Housing	Aluminium
Mount	Suspended
Fixture rating	Enclosed
General application	Logistics & Industry
Operating temperature range (°C)	-30°C...+50°C
Performance ambient temperature Tq (°C)	25
E-number FI	4306998
E-number SE	7214425
Warranty	5 years

Optical data

Fixture luminous flux (lm)	11700
Luminaire efficacy (lm/W)	130
Colour temperature (K)	4000
Light colour	Neutral White
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	90
Glare control	< 25
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	90
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
Dimming method	DALI
Inrush Current (A)	60
Glow Wire Test (°C)	650
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	5
Max. Luminaires per 13A C Breaker	6

Lifetime data

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

Physical data

Housing colour	Black
IP rating	IP65
IK rating	IK08
Diffuser finish	Transparent

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Diffuser material	PC Polycarbonate
Nominal Product Diameter (mm)	270
Weight (kg)	3.0

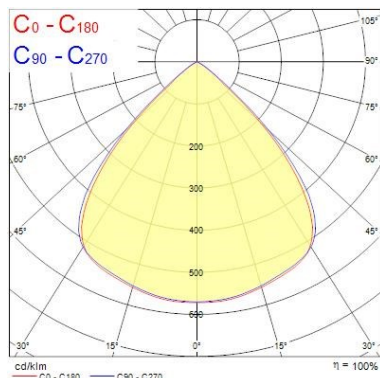
Packaging

Single packaging type	Carton
Product EAN number	5410288393650
Packaging single length / height (cm)	33.0
Packaging single width (cm)	33.0
Packaging single depth (cm)	16.7
Units per outer package	1
Packaging outer width (cm)	33.0
Packaging outer depth (cm)	16.7

Safety data

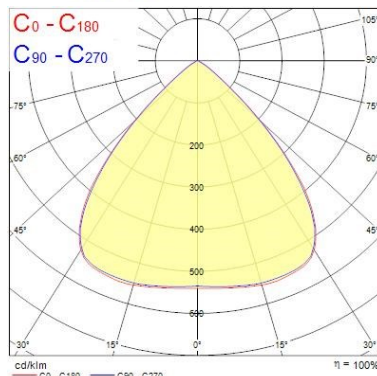
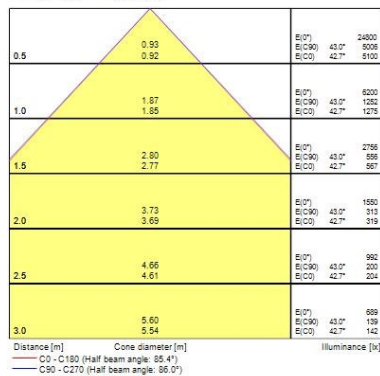
Optimal operating condition (°C)	-30-50
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PHOTOMETRY

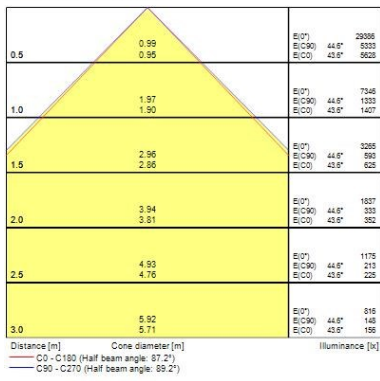
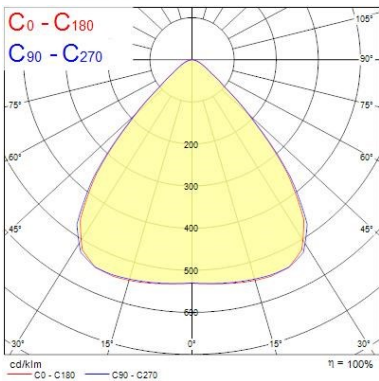
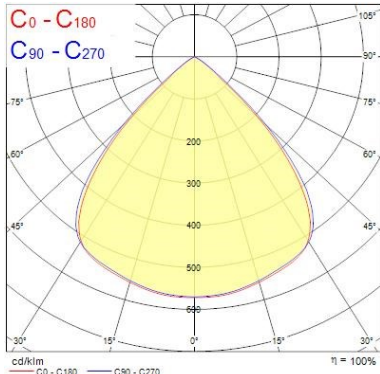
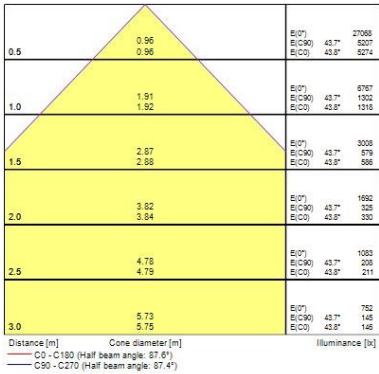


Distance [m]	Cone diameter [m]	η [°]	η [°]	η [°]
0.5	0.99	44.8°	44.8°	44.8°
1.0	1.97	44.8°	44.8°	44.8°
1.5	2.96	44.8°	44.8°	44.8°
2.0	3.94	44.8°	44.8°	44.8°
2.5	4.93	44.8°	44.8°	44.8°
3.0	5.92	44.8°	44.8°	44.8°

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 87.2°)
C90 - C270 (Half beam angle: 89.2°)



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TECHNICAL DRAWINGS

