

Start Highbay DALI

START Highbay IP65 DALI 19000lm 840 WB

0039366



Product features

- START Highbay, includes 1 m cables, black aluminium housing, 19,500 Lm, 150 W, 130 Lm/W, 6500 K, drive current: 3300 mA, CRI 80, 90° beam angle, DALI dimmable, IP65, IK08, 54,000 hrs (L80/B50), (D x H) 296 x 172 mm, 1 m mains cable, 1 m control cable, 1.2 m chain length including hooks



PRODUCT OVERVIEW

Product name	START Highbay IP65 DALI 19000lm 840 WB
Technology	LED
Housing	Aluminium
Mount	Suspended
General application	Logistics & Industry
ETIM Class	EC001716
E-number FI	4309000
E-number SE	7214426
Warranty	5 years
Fixture luminous flux (lm)	19500
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)	150
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	5410288393667

DATA TABLE

General data

Product name	START Highbay IP65 DALI 19000lm 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	4309000
E-number SE	7214426
Warranty	5 years

Optical data

Fixture luminous flux (lm)	19500
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)	150
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)	3300
Inrush Current (A)	65
Inrush Duration (µs)	550
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)	296
Nominal Product Width (mm)	296
Nominal Product Height (mm)	172
Nominal Product Diameter (mm)	296
Weight (kg)	3.4

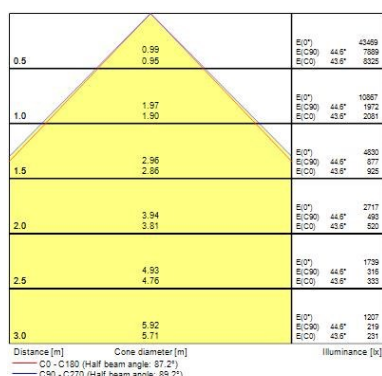
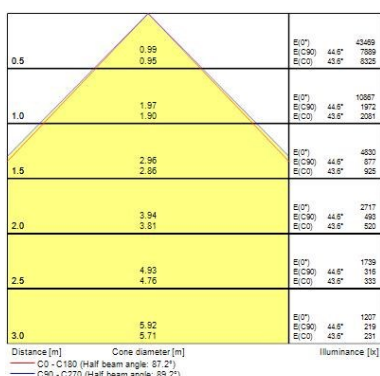
Packaging

Single packaging type	Carton
Product EAN number	5410288393667
Packaging single length / height (cm)	36.0
Packaging single width (cm)	36.0
Packaging single depth (cm)	17.7
DUN14 (outer)	05410288393667
Units per outer package	1
Packaging outer length / height (cm)	36.0
Packaging outer width (cm)	36.0
Packaging outer depth (cm)	17.7

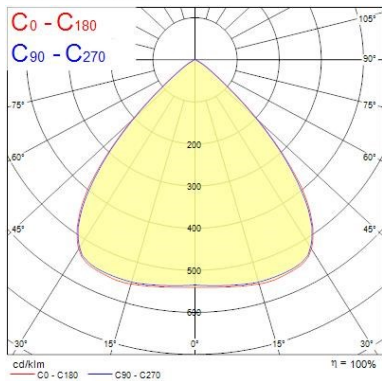
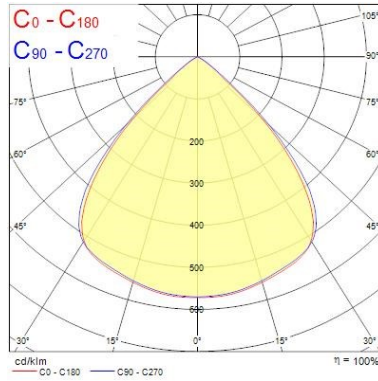
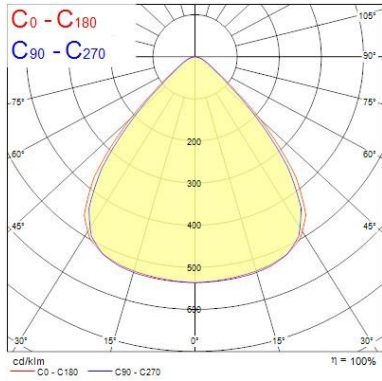
Safety data

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



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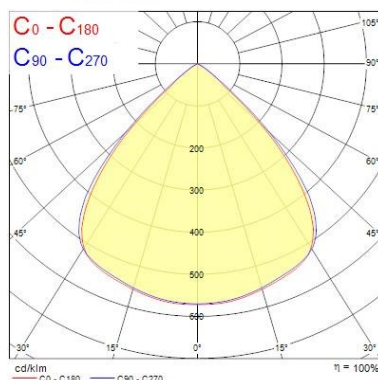


Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	0.96 0.96	39730	43.7° 7642	43.8° 7741	
1.0	1.91 1.92	9933	43.7° 1911	43.8° 1935	
1.5	2.87 2.88	4414	43.7° 549	43.8° 560	
2.0	3.82 3.84	2483	43.7° 378	43.8° 384	
2.5	4.78 4.79	1589	43.7° 305	43.8° 310	
3.0	5.73 5.75	1104	43.7° 215	43.8° 215	

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 87.4°)
 — C90 - C270 (Half beam angle: 87.4°)

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	0.93 0.97	41544	42.8° 8273	44.0° 7813	
1.0	1.85 1.93	10461	42.8° 2068	44.0° 1963	
1.5	2.78 2.90	4549	42.8° 919	44.0° 880	
2.0	3.70 3.86	2515	42.8° 517	44.0° 498	
2.5	4.63 4.93	1574	42.8° 331	44.0° 313	
3.0	5.56 5.79	1152	42.8° 230	44.0° 217	

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 85.6°)
 — C90 - C270 (Half beam angle: 85.6°)



TECHNICAL DRAWINGS

