

## Start Highbay DALI

START Highbay IP65 DALI 26000lm 840 MB

0039364



### Product features

- START Highbay, includes 1 m cables, black aluminium housing, 24,700 Lm, 190 W, 130 Lm/W, 4000 K, drive current: 4100 mA, CRI 80, 60° 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 MB
Technology	LED
Housing	Aluminium
Mount	Suspended
General application	Logistics & Industry
ETIM Class	EC001716
E-number FI	4309001
E-number SE	7214424
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 (°)	60
Glare control	< 22
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	5410288393643

### DATA TABLE

#### General data

Product name	START Highbay IP65 DALI 26000lm 840 MB
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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	4309001
E-number SE	7214424
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 (°)	60
Distribution type	Direct
Glare control	< 22
Photobiological Risk Group	RG1

### Electrical data

Total power consumption (W)	190
Mains voltage (V)	220-240V~
Lamp power factor	1
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	10
Electrical protection	Class I
Control gear required	No
Control gear type	Electronic ballast
Transformer required	No
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

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Lifespan L90 B10 50000

### 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

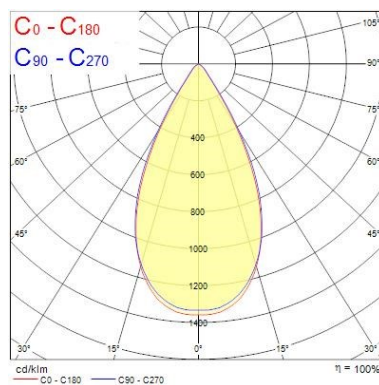
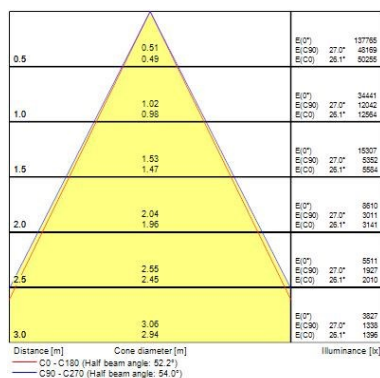
### Packaging

Single packaging type	Carton
Product EAN number	5410288393643
Packaging single length / height (cm)	40.0
Packaging single width (cm)	40.0
Packaging single depth (cm)	18.7
DUN14 (outer)	05410288393643
Units per outer package	1
Packaging outer length / height (cm)	40.0
Packaging outer width (cm)	40.0
Packaging outer depth (cm)	18.7

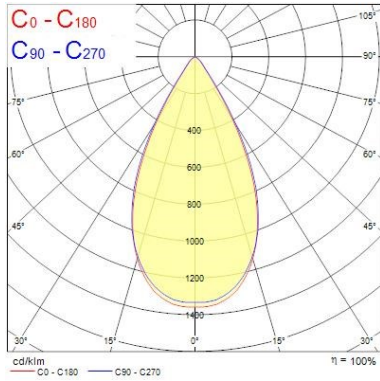
### Safety data

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

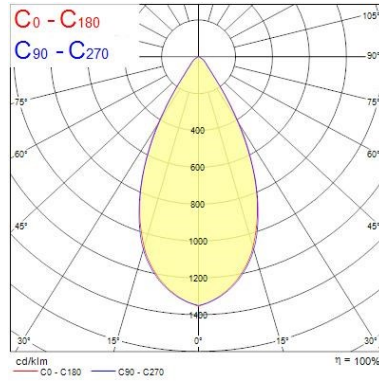


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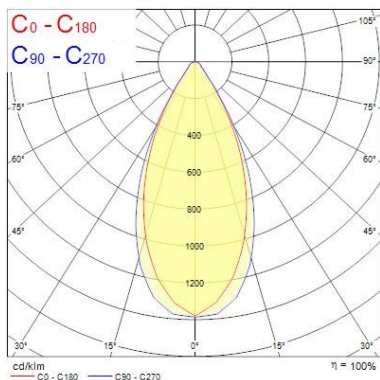
Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	0.51 0.49	137798	27.0° 48189	26.1° 30285	
1.0	1.02 0.98	34441	27.0° 12042	26.1° 12564	
1.5	1.53 1.47	15307	27.0° 5352	26.1° 5882	
2.0	2.04 1.96	8610	27.0° 3011	26.1° 3141	
2.5	2.55 2.45	5511	27.0° 1927	26.1° 2010	
3.0	3.06 2.94	3827	27.0° 1338	26.1° 1396	

Distance [m]    Cone diameter [m]    Illuminance [lx]  
 — C0 - C180 (Half beam angle: 82.2°)  
 — C90 - C270 (Half beam angle: 54.9°)



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	0.47 0.42	19238	26.2° 50865	23.2° 83205	
1.0	0.94 0.85	34071	26.2° 12716	23.2° 13302	
1.5	1.41 1.27	15143	26.2° 5682	23.2° 5912	
2.0	1.88 1.70	8515	26.2° 3179	23.2° 3325	
2.5	2.35 2.12	5451	26.2° 2035	23.2° 2128	
3.0	2.82 2.55	3786	26.2° 1413	23.2° 1478	

Distance [m]    Cone diameter [m]    Illuminance [lx]  
 — C0 - C180 (Half beam angle: 46.0°)  
 — C90 - C270 (Half beam angle: 50.4°)



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	0.49 0.48	13448	25.9° 48003	25.8° 49196	
1.0	0.97 0.97	33624	25.9° 12201	25.8° 12299	
1.5	1.46 1.45	14944	25.9° 5423	25.8° 5488	
2.0	1.94 1.93	8406	25.9° 3080	25.8° 3079	
2.5	2.43 2.42	5300	25.9° 1962	25.8° 1960	
3.0	2.91 2.90	3735	25.9° 1366	25.8° 1367	

Distance [m]    Cone diameter [m]    Illuminance [lx]  
 — C0 - C180 (Half beam angle: 51.6°)  
 — C90 - C270 (Half beam angle: 51.8°)

### TECHNICAL DRAWINGS

