

Start Highbay

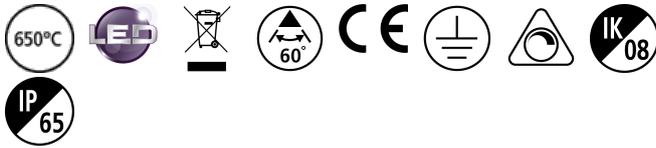
START Highbay IP65 1-10V 19000lm 840 MB

0039345



Product features

- START Highbay, includes 1 m cables, black aluminium housing, 19,500 Lm, 150 W, 130 Lm/W, 4000 K, drive current: 3210 mA, CRI 80, 60° beam angle, 1-10 V dimmable, IP65, IK08, 50,000 hrs (L80/B50), (D x H) 296 x 177 mm.



PRODUCT OVERVIEW

IPC Code	0039345
Product name	START Highbay IP65 1-10V 19000lm 840 MB
Technology	LED
Housing	Aluminium alloy
Mount	Suspended
Fixture rating	Enclosed
General application	Logistics & Industry
Certifications	EUNEW009
ETIM Class	EC001716
E-number FI	4306962
E-number SE	7214416
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)	6
Beam Angle (°)	60
Glare control	25.9
Photobiological Risk Group	RG1
Total power consumption (W)	150
Electrical protection	Class I
Control gear type	Dimmable 1-10V analogue
Dimmable	Yes
Minimum dimming level (%)	1
LED Flickering Rate	Ultra low (5% or less)
Average life (Nominal) (h)	50000
Housing colour	Black
IP rating	IP65
IK rating	IK08
Product EAN number	5410288393452
Lamps	Yes
Included lamp	INTEGRATED LED

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DATA TABLE

General data

IPC Code	0039345
Product name	START Highbay IP65 1-10V 19000lm 840 MB
Technology	LED
Housing	Aluminium alloy
Mount	Suspended
Fixture rating	Enclosed
General application	Logistics & Industry
Operating temperature range (°C)	-30 to +50
Certifications	EUNEW009
ETIM Class	EC001716
E-number FI	4306962
E-number SE	7214416

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)	6
Beam Angle (°)	60
Distribution type	Direct
Glare control	25.9
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	Dimmable 1-10V analogue
Dimmable	Yes
Minimum dimming level (%)	1
Drive current (mA)	3210
Inrush Current (A)	60
Inrush Duration (µs)	300
Glow Wire Test (°C)	650
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	6
Max. Luminaires per 13A C Breaker	8
Max. Luminaires per 16A C Breaker	10
Max. Luminaires per 20A C Breaker	12

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Max. Luminaires per 10A B Breaker	4
Max. Luminaires per 13A B Breaker	5
Max. Luminaires per 16A B Breaker	6
Max. Luminaires per 20A B Breaker	10

Lifetime data

Lumen maintenance - L70 B50	54000
Lumen maintenance - L70 B20	54000
Lumen maintenance - L70 B10	54000
Lumen maintenance - L80 B50	50000
Lumen maintenance - L80 B20	50000
Lumen maintenance - L80 B10	50000
Average life (Nominal) (h)	50000

Physical data

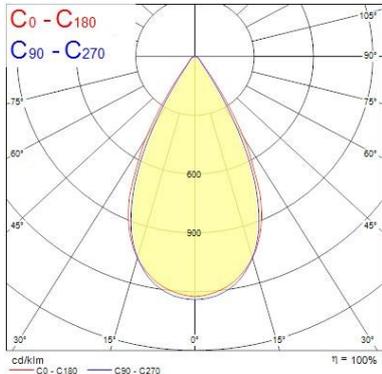
Housing colour	Black
IP rating	IP65
IK rating	IK08
Diffuser finish	Clear
Diffuser material	Polycarbonate
Nominal Product Length (mm)	296
Nominal Product Width (mm)	296
Nominal Product Height (mm)	177
Nominal Product Diameter (mm)	296
Weight (kg)	3.4

Packaging

Single packaging type	Carton
Product EAN number	5410288393452
Packaging single length / height (cm)	36.0
Packaging single width (cm)	36.0
Packaging single depth (cm)	17.7
DUN14 (outer)	05410288393452
Units per outer package	1
Packaging outer length / height (cm)	36.0
Packaging outer width (cm)	36.0
Packaging outer depth (cm)	17.7

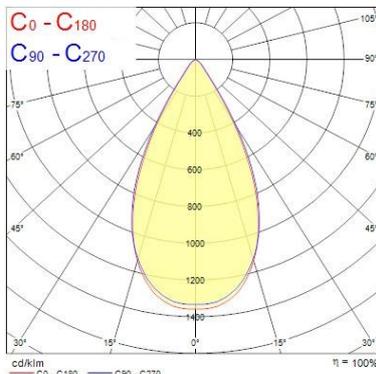
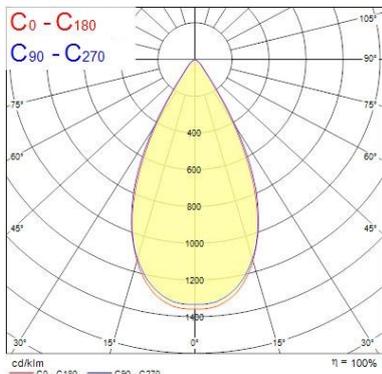
PHOTOMETRY

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Distance [m]	Cone diameter [m]	E _{0°} [lx]	E _{C90} [lx]	E _{C0} [lx]
0.5	0.51 0.49	102297	27.0° 3502	26.1° 3753
1.0	1.02 0.98	25599	27.0° 8951	26.1° 9335
1.5	1.53 1.47	11377	27.0° 3975	26.1° 4150
2.0	2.04 1.96	6400	27.0° 2235	26.1° 2335
2.5	2.55 2.45	4096	27.0° 1432	26.1° 1484
3.0	3.06 2.94	2644	27.0° 966	26.1° 1038

Distance [m] Cone diameter [m] Illuminance [lx]
 C0 - C180 (Half beam angle: 52.2°)
 C90 - C270 (Half beam angle: 54.0°)



Distance [m]	Cone diameter [m]	E _{0°} [lx]	E _{C90} [lx]	E _{C0} [lx]
0.5	0.51 0.49	102297	27.0° 3502	26.1° 3753
1.0	1.02 0.98	25599	27.0° 8951	26.1° 9335
1.5	1.53 1.47	11377	27.0° 3975	26.1° 4150
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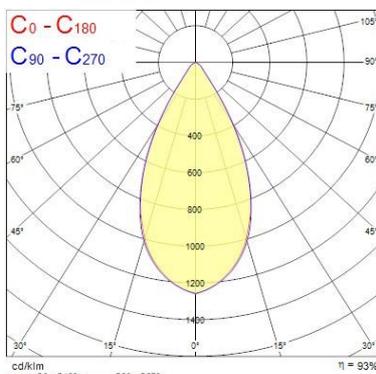
Distance [m] Cone diameter [m] Illuminance [lx]
 C0 - C180 (Half beam angle: 52.2°)
 C90 - C270 (Half beam angle: 54.0°)

Distance [m]	Cone diameter [m]	E _{0°} [lx]	E _{C90} [lx]	E _{C0} [lx]
0.5	0.49 0.48	91188	25.9° 3303	25.8° 34076
1.0	0.97 0.97	23259	25.9° 8451	25.8° 8819
1.5	1.46 1.45	10351	25.9° 3756	25.8° 3786
2.0	1.94 1.93	5622	25.9° 2113	25.8° 2130
2.5	2.43 2.42	3726	25.9° 1362	25.8° 1363
3.0	2.91 2.90	2686	25.9° 939	25.8° 947

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

Distance [m]	Cone diameter [m]	E _{0°} [lx]	E _{C90} [lx]	E _{C0} [lx]
0.5	0.51 0.53	96400	26.9° 14535	26.1° 32211
1.0	1.01 1.07	24100	26.9° 3650	26.1° 8303
1.5	1.52 1.60	10711	26.9° 3849	26.1° 3690
2.0	2.03 2.14	6025	26.9° 2169	26.1° 2076
2.5	2.54 2.67	3856	26.9° 1386	26.1° 1325
3.0	3.04 3.20	2878	26.9° 962	26.1° 923

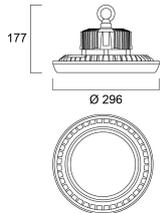
Distance [m] Cone diameter [m] Illuminance [lx]
 C0 - C180 (Half beam angle: 56.2°)
 C90 - C270 (Half beam angle: 53.8°)



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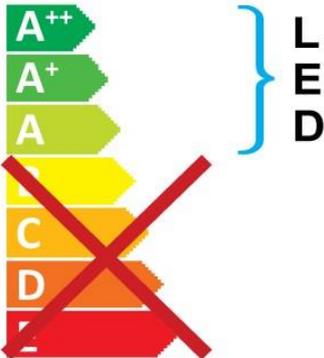
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TECHNICAL DRAWINGS



SYLVANIA 0039345

 This luminaire contains built in LED lamps.



The lamps cannot be changed in the luminaire.

874/2012 

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0039345



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The lamps cannot be changed in the luminaire.



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