

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
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

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
Max. Luminaires per 10A B Breaker	4
Max. Luminaires per 13A B Breaker	5

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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
Lumen maintenance - L90 B50	23000
Lumen maintenance - L90 B20	23000
Lumen maintenance - L90 B10	23000
Average life (Nominal) (h)	50000

Physical data

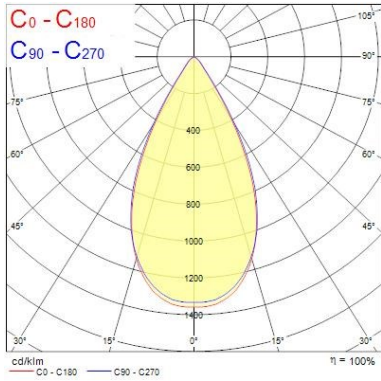
Housing colour	Black
IP rating	IP65
IK rating	IK08
Diffuser finish	Clear
Diffuser material	Polycarbonate
Nominal Product Length (mm)	296
Nominal Product Width (mm)	296
Nominal Product Height (mm)	177
Weight (kg)	3.4

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

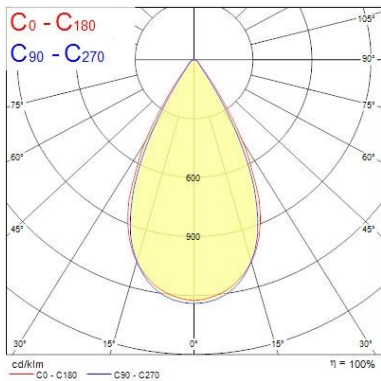
PHOTOMETRY

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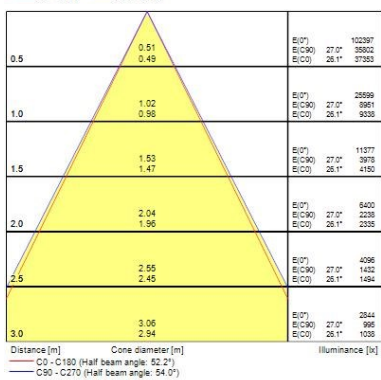
Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	0.51 0.53	9640	25.9° 3458	25.1° 33211	
1.0	1.01 1.07	2410	25.9° 860	25.1° 930	
1.5	1.52 1.60	10711	25.9° 3049	25.1° 3690	
2.0	2.03 2.14	6025	25.9° 2165	25.1° 2076	
2.5	2.54 2.67	3936	25.9° 1398	25.1° 1323	
3.0	3.04 3.20	2878	25.9° 962	25.1° 923	

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



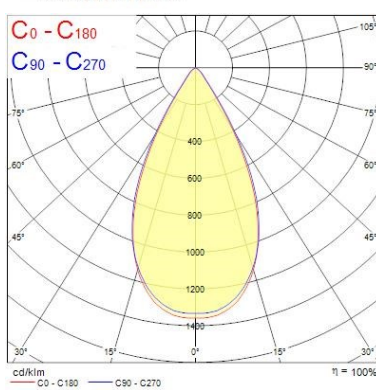
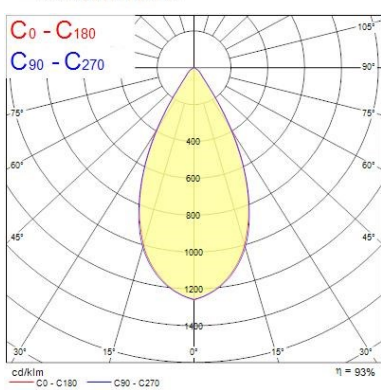
Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	0.51 0.49	10297	27.0° 3502	25.1° 3753	
1.0	1.02 0.98	2599	27.0° 961	25.1° 933	
1.5	1.53 1.47	11377	27.0° 3973	25.1° 4150	
2.0	2.04 1.96	8400	27.0° 2238	25.1° 2335	
2.5	2.55 2.45	4096	27.0° 1432	25.1° 1454	
3.0	3.06 2.94	2644	27.0° 966	25.1° 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°)	E(C90)	E(C0)	Illuminance [lx]
0.5	0.51 0.49	10297	27.0° 3502	25.1° 3753	
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3.0	3.06 2.94	2644	27.0° 966	25.1° 1038	

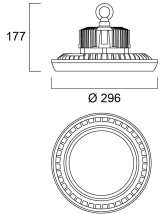
Distance [m] Cone diameter [m] Illuminance [lx]
 C0 - C180 (Half beam angle: 52.2°)
 C90 - C270 (Half beam angle: 54.0°)




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TECHNICAL DRAWINGS




SYLVANIA 0039345

 This luminaire contains built in LED lamps.

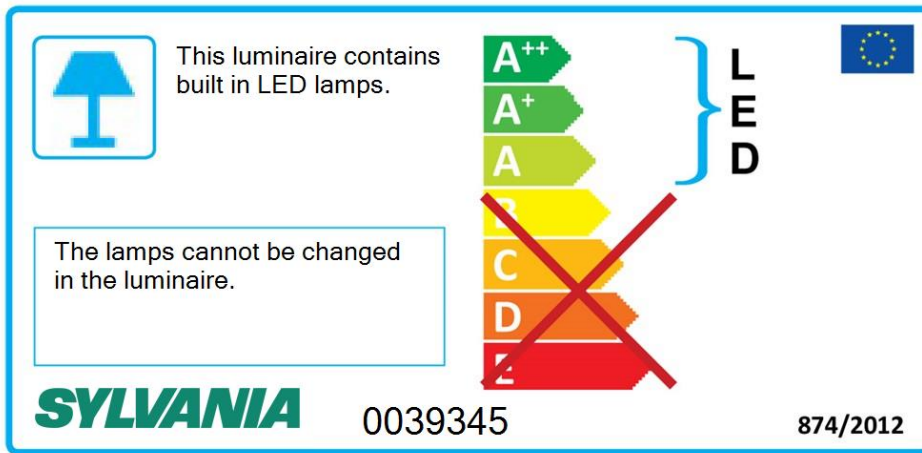
 } LED

The lamps cannot be changed in the luminaire.

874/2012 

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This luminaire contains built in LED lamps.

The lamps cannot be changed in the luminaire.

SYLVANIA 0039345

874/2012

A++
A+
A
~~B~~
~~C~~
~~D~~
~~E~~

LED

EUROPEAN UNION

Detailed description: The image shows a rectangular energy label with a blue border. On the left, there is a blue icon of a lamp. To its right, the text reads 'This luminaire contains built in LED lamps.' Below this, a white box contains the text 'The lamps cannot be changed in the luminaire.' In the center, there is a vertical energy efficiency scale with seven levels: A++ (dark green), A+ (medium green), A (light green), B (yellow), C (orange), D (red), and E (dark red). A large red 'X' is drawn over the B, C, D, and E levels. To the right of the scale, a blue bracket groups the A++ and A+ levels, with the letters 'L', 'E', and 'D' stacked vertically next to it. In the top right corner of the label is the European Union flag. At the bottom left, the 'SYLVANIA' logo is followed by the product number '0039345'. At the bottom right, the reference number '874/2012' is displayed.