

# START Highbay IP65 1-10V 13000lm 865 WB

Item No: 0039350

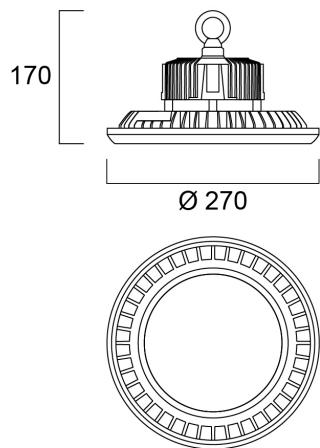
**SYLVANIA**



START Highbay, includes 1 m cables, black aluminium housing, 13,000 Lm, 100 W, 130 Lm/W, 6500 K, drive current: 2140 mA, CRI 80, 90° beam angle, 1-10 V dimmable, IP65, IK08, 54,000 hrs (L80/B50), (D x H) 270 x 170 mm, 1 m mains cable, 1 m control cable, 1.2 m chain length including hooks

## Technical Assets

### Dimensions (mm)

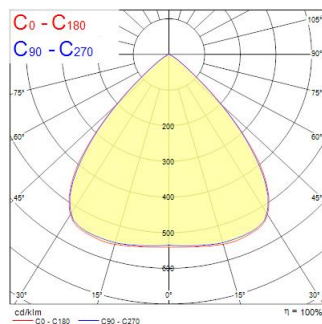


### Photometrics

0.5	0.99 0.99	E171 E1C90 44° E1C00 43°	3230 3215 8970
1.0	1.97 1.90	E171 E1C90 44° E1C00 43°	7333 7320 1403
1.5	2.96 2.86	E171 E1C90 44° E1C00 43°	3234 3215 891
2.0	3.94 3.81	E171 E1C90 44° E1C00 43°	1831 1820 352
2.5	4.93 4.76	E171 E1C90 44° E1C00 43°	1172 1170 231
3.0	5.92 5.71	E171 E1C90 44° E1C00 43°	814 810 158

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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## General data

Product name	START Highbay IP65 1-10V 13000lm 865 WB
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
ETIM Class	EC001716
E-number FI	4306965
E-number SE	7214419
Warranty	5 years

## Optical data

Fixture luminous flux (lm)	13000
Luminaire efficacy (lm/W)	130
Correlated colour temperature (k)	6500
Light colour	Daylight
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	90
Glare control	< 25
Photobiological Risk Group	RG1

## Electrical data

Total power consumption (W)	100
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	Other
Dimmable	Yes
Dimming method	1-10V (Analogue)
Minimum dimming level (%)	1
Drive current (mA)	2140
Inrush Current (A)	50
Inrush Duration (µs)	400
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	7
Max. products per 13A C Breaker	9
Max. products per 16A C Breaker	11
Max. products per 20A C Breaker	14
Max. products per 10A B Breaker	4
Max. products per 13A B Breaker	5
Max. products per 16A B Breaker	6
Max. products per 20A B Breaker	8

## Lifetime data

Lifespan L70 B50	54000
Lifespan L70 B20	54000
Lifespan L70 B10	54000
Lifespan L80 B50	54000
Lifespan L80 B20	54000
Lifespan L80 B10	54000
Lifespan L90 B50	54000
Lifespan L90 B20	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)	270
Nominal Product Width (mm)	270
Nominal Product Height (mm)	170
Nominal Product Diameter (mm)	270
Weight (kg)	3.0

## Packaging

Product EAN number	5410288393506
Packaging single length / height (cm)	33.0
Packaging single width (cm)	33.0
Packaging single depth (cm)	16.7
DUN14 (inner)	05410288393506
Units per outer package	1
Packaging outer length / height (cm)	33.0
Packaging outer width (cm)	33.0
Packaging outer depth (cm)	16.7

## Safety data

Glow Wire Test (°C)	650
Optimal operating condition (°C)	-30-50