



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, 90° beam angle, 1-10 V dimmable, IP65, IK08, 54,000 hrs (L80/B50), (D x H) 296 x 177 mm, 1 m mains cable, 1 m control cable, 1.2 m chain lenght including hooks

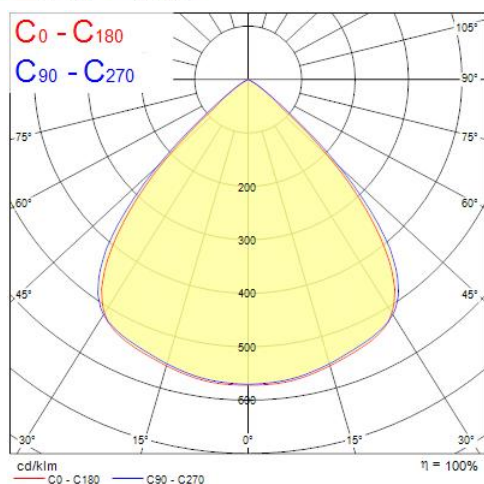
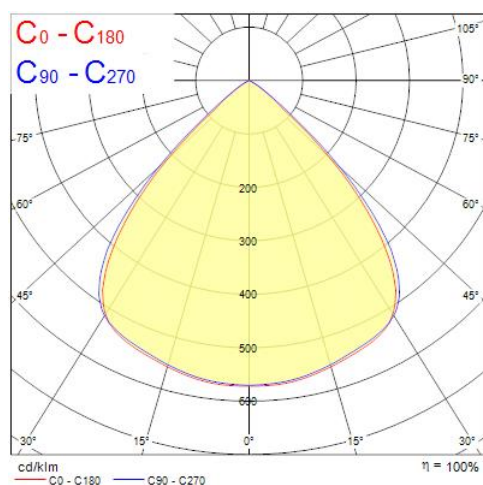
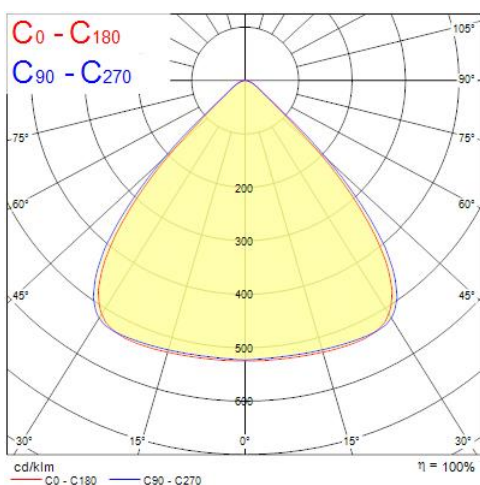
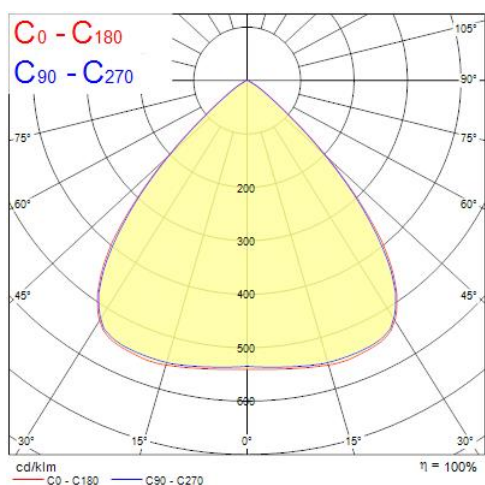
Product Overview

Product name	START Highbay IP65 1-10V 19000lm 840 WB
Technology	LED
Housing	Aluminium
Mount	Suspended
Fixture rating	Enclosed
General application	Logistics & Industry
ETIM Class	EC001716
E-number FI	4306961
E-number SE	7214415
Fixture luminous flux (lm)	19500
Luminaire efficacy (lm/W)	130
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	6
Beam Angle (°)	90
Glare control	< 25
Photobiological Risk Group	RG1
Total power consumption (W)	150
Electrical protection	Class I

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Control gear type	LED driver constant current
Dimmable	Yes
Minimum dimming level (%)	1
LED Flickering Rate	Ultra low (5% or less)
Housing colour	Black
IP rating	IP65
IK rating	IK08
Product EAN number	5410288393483
Warranty	5 years
Dimming method	1-10V (Analogue)

Photometry



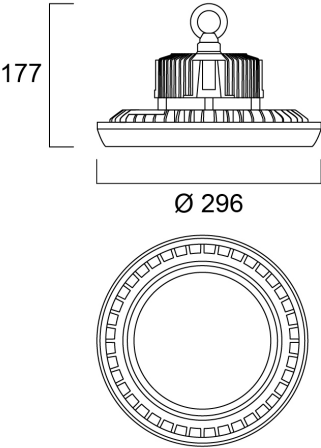
Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.99 0.95	E(0°) 43489 E(C90) 7059 E(C0) 43.6° 8325
1.0	1.97 1.90	E(0°) 10867 E(C90) 44.6° 1972 E(C0) 43.6° 2061
1.5	2.96 2.86	E(0°) 4830 E(C90) 44.6° 877 E(C0) 43.6° 925
2.0	3.94 3.81	E(0°) 2717 E(C90) 44.6° 493 E(C0) 43.6° 520
2.5	4.93 4.76	E(0°) 1739 E(C90) 44.6° 316 E(C0) 43.6° 333
3.0	5.92 5.71	E(0°) 1207 E(C90) 44.6° 219 E(C0) 43.6° 231

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Technical drawings



Data table

GENERAL DATA

Product name	START Highbay IP65 1-10V 19000lm 840 WB
Technology	LED
Housing	Aluminium
Mount	Suspended

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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	4306961
E-number SE	7214415
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	19500
Luminaire efficacy (lm/W)	130
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	6
Beam Angle (°)	90
Glare control	< 25
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	150
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
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 required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	1-10V (Analogue)
Minimum dimming level (%)	1

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Drive current (mA)	3210
Inrush Current (A)	60
Inrush Duration (µs)	300
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	6
Max. products per 13A C Breaker	8
Max. products per 16A C Breaker	10
Max. products per 20A C Breaker	12
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	10

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

PHYSICAL DATA

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



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PACKAGING

Product EAN number	5410288393483
Packaging single length / height (cm)	36.0
Packaging single width (cm)	36.0
Packaging single depth (cm)	17.7
DUN14 (inner)	05410288393483
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

Glow Wire Test (°C)	650
Optimal operating condition (°C)	-30-50
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No