

START Highbay Multipower
START Highbay IP65 10000-20000lm 2CCT WB
0039443



Product features

- Integrated LED highbay, RAL9006 White aluminium housing, 11.100 / 15.700 / 19.800lm for 4000K or 10.900 / 15.600 / 19.500lm for 6500K, 72 / 110 / 150W depends on the settings of the integrated switch for changing the colour temperature (4000/6500K) and light output level, 132lm/W @ 150W 4000K setting, CRI 80; 110° beam angle, IP65, IK08, lifespan L70:B50 120.000 hrs; (D x H) 270 x 115 mm, D-mark.



PRODUCT OVERVIEW

Product name	START Highbay IP65 10000-20000lm 2CCT WB
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Suspended
General application	Logistics & Industry
ETIM Class	EC001716
E-number FI	4357151
Warranty	5 years
Useful luminous flux (Fuse)	19800
Fixture luminous flux (lm)	19800
Luminaire efficacy (lm/W)	132
Light colour	Neutral White or Daylight
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	110
Photobiological Risk Group	RG1
Total power consumption (W)	150
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
LED Flickering Rate	Low (6% - 20%)
Housing colour	RAL 9006 - Aluminium
IP rating	IP65
IK rating	IK08
Product EAN number	5410288394435

DATA TABLE

General data	
Product name	START Highbay IP65 10000-20000lm 2CCT WB
Technology	LED

START Highbay Multipower

START Highbay IP65 10000-20000lm 2CCT WB

0039443

Cap/Base	N/A
Housing	Aluminium
Mount	Suspended
General application	Logistics & Industry
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001716
E-number FI	4357151
Warranty	5 years

Optical data

Useful luminous flux (Fuse)	19800
Fixture luminous flux (lm)	19800
Luminaire efficacy (lm/W)	132
Light colour	Neutral White or Daylight
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	110
Distribution type	Symmetric
Photobiological Risk Group	RG1

DataTableGroup_Electrical

Total power consumption (W)	150
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.9
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
Inrush Current (A)	80
Inrush Duration (µs)	350
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Low (6% - 20%)
Max. products per 10A C Breaker	9
Max. products per 13A C Breaker	12
Max. products per 16A C Breaker	15
Max. products per 20A C Breaker	18
Max. products per 10A B Breaker	9
Max. products per 13A B Breaker	12
Max. products per 16A B Breaker	15
Max. products per 20A B Breaker	18
Mains surge immunity (differential mode - > L-N) (kV)	6
Mains surge immunity (common mode -> L/N - GND) (kV)	6

START Highbay Multipower

START Highbay IP65 10000-20000lm 2CCT WB
0039443

Lifetime data

Lifespan L70 B50	120000
Lifespan L80 B50	108000
Lifespan L80 B20	95000

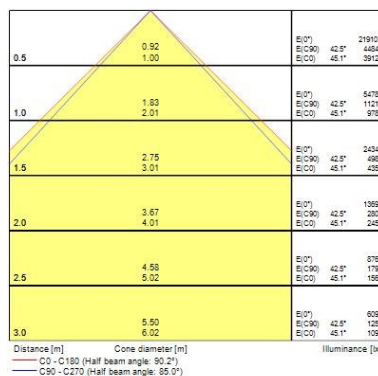
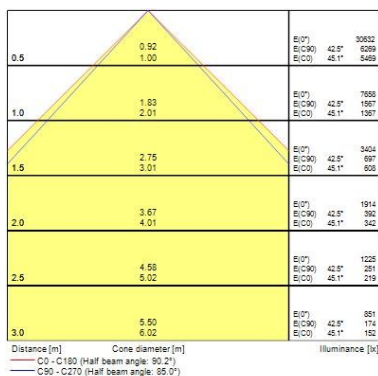
Physical data

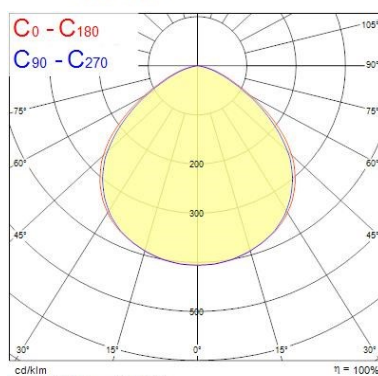
Housing colour	RAL 9006 - Aluminium
IP rating	IP65
IK rating	IK08
Nominal Product Height (mm)	115
Nominal Product Diameter (mm)	270
Weight (kg)	1.67

Packaging

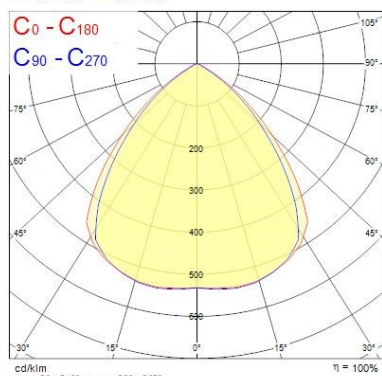
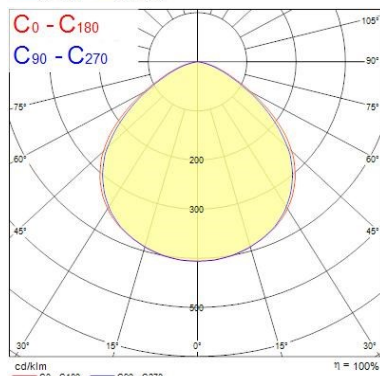
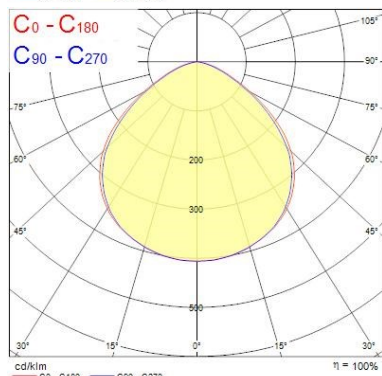
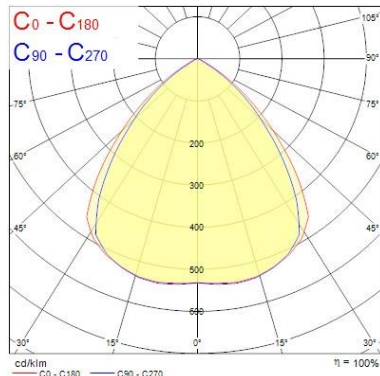
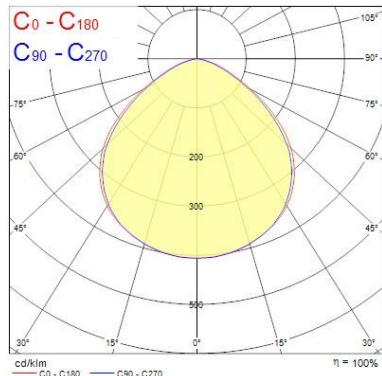
Product EAN number	5410288394435
Packaging single length / height (cm)	15.0
Packaging single width (cm)	30.0
Packaging single depth (cm)	30.0
DUN14 (inner)	05410288394435
Units per outer package	1
Packaging outer length / height (cm)	30.0
Packaging outer width (cm)	30.0
Packaging outer depth (cm)	15.0

PHOTOMETRY





START Highbay Multipower START Highbay IP65 10000-20000lm 2CCT WB 0039443

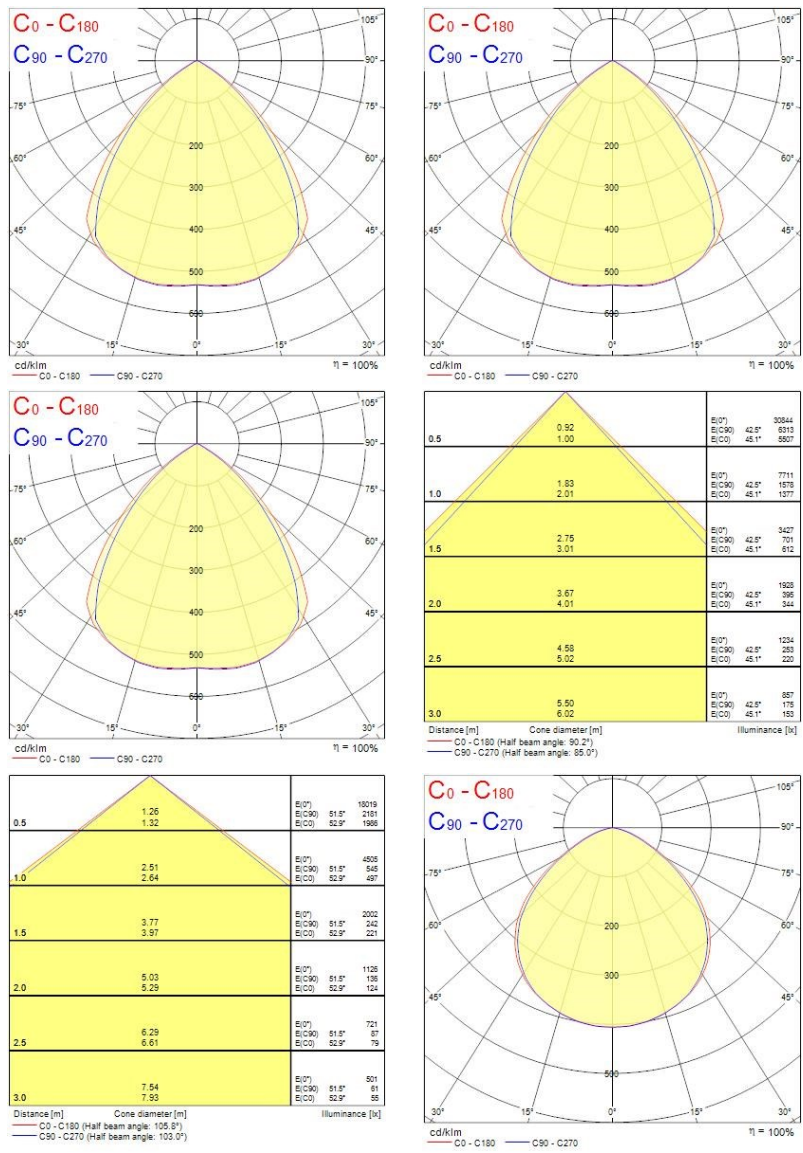


Distance [m]	Cone diameter [m]	η (°)	η (°)	η (°)
0.5	1.25 1.32	25487 3085 2899	51.8° 52.9°	51.8° 52.9°
1.0	2.51 2.64	6372 771 702	51.8° 52.9°	51.8° 52.9°
1.5	3.77 3.97	2832 343 312	51.8° 52.9°	51.8° 52.9°
2.0	5.03 5.29	1592 193 176	51.8° 52.9°	51.8° 52.9°
2.5	6.29 6.61	1019 123 112	51.8° 52.9°	51.8° 52.9°
3.0	7.54 7.93	705 86 78	51.8° 52.9°	51.8° 52.9°

Distance [m]	Cone diameter [m]	η (°)	η (°)	η (°)
0.5	0.92 1.00	37681 7706 6723	42.8° 45.1°	42.8° 45.1°
1.0	1.83 2.01	9413 1927 1681	42.8° 45.1°	42.8° 45.1°
1.5	2.75 3.01	4183 896 747	42.8° 45.1°	42.8° 45.1°
2.0	3.67 4.01	2393 482 420	42.8° 45.1°	42.8° 45.1°
2.5	4.58 5.02	1506 308 269	42.8° 45.1°	42.8° 45.1°
3.0	5.50 6.02	1046 214 187	42.8° 45.1°	42.8° 45.1°

Distance [m]	Cone diameter [m]	η (°)	η (°)	η (°)
0.5	0.92 1.00	37238 7619 6647	42.8° 45.1°	42.8° 45.1°
1.0	1.83 2.01	9306 1905 1662	42.8° 45.1°	42.8° 45.1°
1.5	2.75 3.01	4136 847 738	42.8° 45.1°	42.8° 45.1°
2.0	3.67 4.01	2327 476 415	42.8° 45.1°	42.8° 45.1°
2.5	4.58 5.02	1489 308 266	42.8° 45.1°	42.8° 45.1°
3.0	5.50 6.02	1034 212 185	42.8° 45.1°	42.8° 45.1°

START Highbay Multipower
START Highbay IP65 10000-20000lm 2CCT WB
0039443



TECHNICAL DRAWINGS

