

## START Waterproof Tubular IP66

START Waterproof Tubular 1200 IP66 5000lm 840 PC  
0047180



### Product features

- START Waterproof Tubular is an aesthetically attractive integrated LED fixture. Easy to install with 304 stainless steel fixing brackets for ceiling mounting. Polycarbonate housing; 4000K; 35W; 5000lm; High efficiency with 143lm/W and lumen maintenance L80:B50 of 54,000 hours lifetime. IP66; IK10; Class I; 1195mm x 70mm. Can be suspended with additional accessory (SKU 0046035).



### PRODUCT OVERVIEW

Product name	START Waterproof Tubular 1200 IP66 5000lm 840 PC
Technology	LED
General application	Logistics & Industry
ETIM Class	EC000109
E-number FI	4309098
Warranty	5 years
Fixture luminous flux (lm)	5000
Luminaire efficacy (lm/W)	143
Colour temperature (K)	4000
CRI (Ra)	80
Beam Angle (°)	120
Photobiological Risk Group	RG1
Total power consumption (W)	35
Electrical protection	Class I
Dimmable	No
Dimming method	N/A
IP rating	IP66
IK rating	IK10
Product EAN number	5410288471808

### DATA TABLE

#### General data

Product name	START Waterproof Tubular 1200 IP66 5000lm 840 PC
Technology	LED
General application	Logistics & Industry
Operating temperature range (°C)	-25°C...+50°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC000109
E-number FI	4309098
Warranty	5 years

#### Optical data

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Luminaire efficacy (lm/W)	143
Colour temperature (K)	4000
CRI (Ra)	80
Beam Angle (°)	120
Photobiological Risk Group	RG1

### Electrical data

Total power consumption (W)	35
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
Dimmable	No
Dimming method	N/A
Drive current (mA)	250
Inrush Current (A)	30
Inrush Duration (µs)	200
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 10A C Breaker	20
Max. Luminaires per 13A C Breaker	26
Max. Luminaires per 16A C Breaker	32
Max. Luminaires per 20A C Breaker	40
Max. Luminaires per 10A B Breaker	12
Max. Luminaires per 13A B Breaker	15
Max. Luminaires per 16A B Breaker	19
Max. Luminaires per 20A B Breaker	24

### Lifetime data

Lifespan L70 B50	90000
Lifespan L70 B20	90000
Lifespan L70 B10	90000
Lifespan L80 B50	90000
Lifespan L80 B20	85000
Lifespan L80 B10	78000
Lifespan L90 B50	48000
Lifespan L90 B20	41000
Lifespan L90 B10	37000

### Physical data

IP rating	IP66
IK rating	IK10
Nominal Product Length (mm)	1195
Nominal Product Width (mm)	70
Nominal Product Height (mm)	70
Weight (kg)	2.5

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### Packaging

Single packaging type	Carton
Product EAN number	5410288471808
Packaging single length / height (cm)	133.5
Packaging single width (cm)	10.5
Packaging single depth (cm)	10.5
DUN14 (outer)	15410288471805
Units per outer package	2
Packaging outer length / height (cm)	135.0
Packaging outer width (cm)	23.0
Packaging outer depth (cm)	23.0

### Safety data

Optimal operating condition (°C)	-25-50
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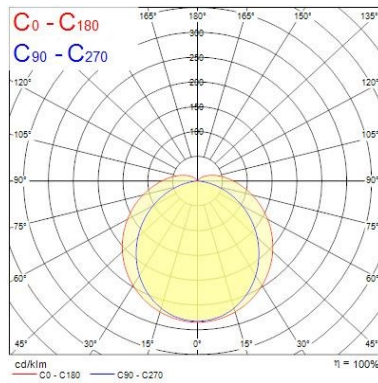
### PHOTOMETRY

Distance [m]	Cone diameter [m]	E <sub>0</sub> [lx]	E <sub>1(C90)</sub> [lx]	E <sub>1(C270)</sub> [lx]
0.5	1.28 2.32	9598	62.0° 66.7°	662 177
1.0	2.56 4.64	1424	62.0° 66.7°	166 44
1.5	3.84 6.97	633	62.0° 66.7°	74 20
2.0	5.12 9.29	358	62.0° 66.7°	41 11
2.5	6.40 11.61	228	62.0° 66.7°	26 7
3.0	7.68 13.93	158	62.0° 66.7°	18 5

Distance [m]      Cone diameter [m]      Illuminance [lx]

— C0 - C180 (Half beam angle: 133.4°)

— C90 - C270 (Half beam angle: 104.0°)



### TECHNICAL DRAWINGS

