

## Start Track Spot Integral

START Track Spot Integral 3000lm 940 MB WB BLK  
0005431



### Product features

- Integrated LED spotlight, Textured Black - RAL9005, simple and slick integral design with no driver box and without any visible screws, ideal for retail applications, die-cast aluminium body, passive cooling heatsink. Beam angle: 36°, additional lens 64° beam angle included, color temperature: 4000k, total system power: 32W, total fixture output: 3000 lm, LOR: 100%, colour rendering: Ra: 90 typical, IR/UV free light source without heat radiation, operating voltage: 220-240V / 50-60Hz, drive current: 800mA, electronic driver, non-dimmable, ultra low LED flickering rate (5% or less), power factor: >0.90, electrical protection: Class I, Global Track 3 Circuit GA69 adapter suitable for Global trac 3-circuit tracks, ingress protection rating: IP20, suitable for internal environment only, horizontal rotation: 345°, vertical tilt: 90°, dimensions: Ø80x137x283, weight: 0.880kg.



## PRODUCT OVERVIEW

Product name	START Track Spot Integral 3000lm 940 MB WB BLK
Technology	LED
Housing	Aluminium
Mount	Track mounting
Environment	Indoor
General application	Retail
ETIM Class	EC001744
E-number FI	4276974
Warranty	5 years
Fixture luminous flux (lm)	3000
Luminaire efficacy (lm/W)	94
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	36
Photobiological Risk Group	RG1
Total power consumption (W)	32
Electrical protection	Class I
Dimmable	No
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9005 - Jet black
IP rating	IP20
IK rating	IK03
Product EAN number	5410288054315

## DATA TABLE

### General data

Product name	START Track Spot Integral 3000lm 940 MB WB BLK
Technology	LED

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0005431

Housing	Aluminium
Mount	Track mounting
Environment	Indoor
General application	Retail
Operating temperature range (°C)	-20°C - 40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
E-number FI	4276974
Warranty	5 years

### Optical data

Fixture luminous flux (lm)	3000
Luminaire efficacy (lm/W)	94
Colour temperature (K)	4000
Colour Code	940
Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	36
Photobiological Risk Group	RG1

### Electrical data

Total power consumption (W)	32
Current (A)	0.15
Mains voltage (V)	220-240V~
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	20
Electrical protection	Class I
Dimmable	No
Drive current (mA)	800
Inrush Current (A)	6.5
Inrush Duration (µs)	320
Glow Wire Test (°C)	650
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	33
Max. Luminaires per 13A C Breaker	43
Max. Luminaires per 16A C Breaker	53
Max. Luminaires per 20A C Breaker	66
Max. Luminaires per 10A B Breaker	20
Max. Luminaires per 13A B Breaker	26
Max. Luminaires per 16A B Breaker	32
Max. Luminaires per 20A B Breaker	40

### Lifetime data

Lifespan L70 B50	50000
Lifespan L80 B50	48100
Lifespan L80 B20	41000

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Lifespan L80 B10	37700
Lifespan L90 B50	19500
Lifespan L90 B20	17000
Lifespan L90 B10	15900

### Physical data

Housing colour	RAL 9005 - Jet black
IP rating	IP20
IK rating	IK03
Diffuser finish	Transparent
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	283
Nominal Product Width (mm)	137
Nominal Product Height (mm)	80
Weight (kg)	0.88

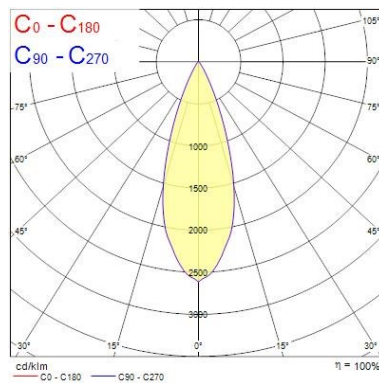
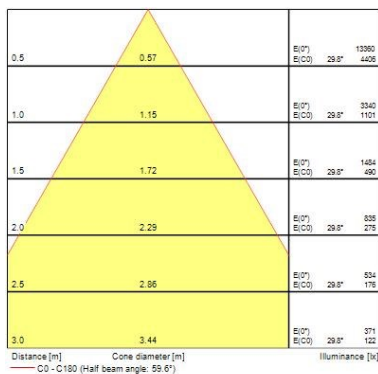
### Packaging

Single packaging type	Carton
Product EAN number	5410288054315
Packaging single length / height (cm)	8.5
Packaging single width (cm)	8.5
Packaging single depth (cm)	28.5
DUN14 (outer)	15410288054312
Units per outer package	8
Packaging outer length / height (cm)	36.5
Packaging outer width (cm)	18.5
Packaging outer depth (cm)	30.5

### Safety data

Optimal operating condition (°C)	-20-40
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## PHOTOMETRY



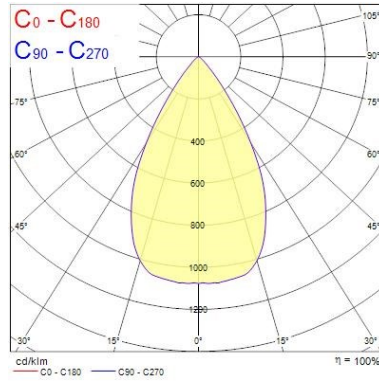
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0.5	0.32	E(0°) E(C0)	17.6°	31358 13607
1.0	0.63	E(0°) E(C0)	17.6°	7840 3402
1.5	0.95	E(0°) E(C0)	17.6°	3454 1512
2.0	1.27	E(0°) E(C0)	17.6°	1960 850
2.5	1.59	E(0°) E(C0)	17.6°	1254 544
3.0	1.90	E(0°) E(C0)	17.6°	871 375

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

— C0 - C180 (Half beam angle: 95.2°)



## TECHNICAL DRAWINGS

