Halo TRK

TRACK DOWNLIGHTS | PI-LED SERIES

Halo TRK is a very versatile track-mounted luminaire, creating an elegant light effect. With various beam angles - from narrow to wide, Halo TRK is optimized for high-performance and pleasant lighting in shops, pubs, bistros, restaurants and building entrances or receptions.

The mounting system on track allows for easy mounting and increased flexibility. Halo TRK is mounted by simply clicking into place two plates.

PI-LED - Combines variable white light and light of the RGB color system in one single light source. It can vary the color temperature between 2700K - 6500K along Planckian curve in the course of a day.

Halo TRK is available in a standard series, a dimming series and a PI-LED series:
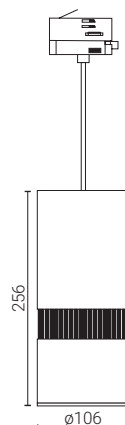
• Halo TRK Non-DALI – the standard for any project in the retail sector

• Halo TRK DALI – with DALI controls for dimming

• Halo TRK PI-LED - simulates the spectral quality of natural daylight over the entire day.

FEATURES & BENEFITS

• CRI 90 as standard

• Color temperature: PI-LED

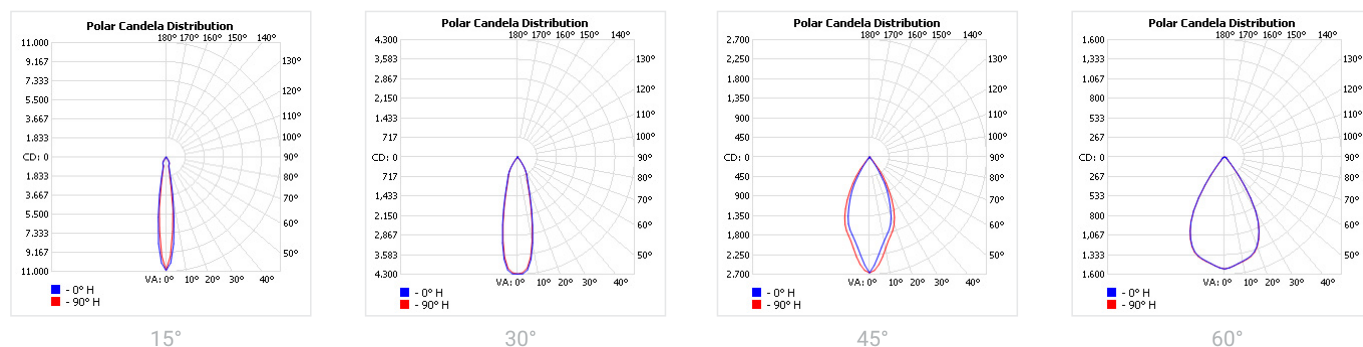• Simple mounting and maintenance

• Efficiency: 54 lm/W @4000K

• Dimmable

APPLICATION

Grocery & Supermarkets | Retail | Office | Healthcare | Hospitality | DIY

256

ø106

GREENTEK

SPECIFICATIONS

Power consumption	26W
Dimensions	D106 x H256 ± 1mm
Weight	1.7 Kg
Housing materials	Aluminium, Glass
IK code	IK02
THD (at 230V, 50Hz, Full load)	<8%
Protection class	Safety class 1
Operating temperature [°C]	+10°C ... +45°C / +50F ... +113F
Operating humidity [%]	10 ÷ 85
Power factor	≥0.85
AC Input [Vac]	220 - 240 VAC
Lens angle [°]	15°, 30°, 45°, 60°
Lifespan [h]	50,000
Housing color	○ RAL 9003 - Signal White, ● RAL 9005 - Jet Black, ● RAL 9006 - White Aluminium
Lumen maintenance	L70/B10@50,000h at 25°C
IP factor	IP20
Control option	DALI
Warranty [years]	5
Storage temperature range [°C]	-20°C ... +80°C / -4F ... +176F
Emergency option	-

#	Standard
CRI	CRI90
CCT [K]	PI
MacAdam	1

CRI - Color rendering, CCT - Color temperature,   MacAdam - Color consistency

LIGHT DISTRIBUTION

15°   30°   45°   60°

TOLERANCES

Luminous flux tolerances: -/+ 5%

Consumption tolerance: -/+ 5% for **Non-DALI** | -/+ 10% for **Non-DALI & KIT EM** | -/+ 10% for **DALI** | -/+ 15% for **DALI & KIT EM**

BATTERY WARRANTY

Non-DALI EM & DALI EM: 12 months warranty

Non-DALI & DALI: -

MAXIMUM NO. OF LUMINAIRES ON A CIRCUIT

Luminaire Power(W)	Control type	Circuit Breaker Type					
		B			C		
		20	16	10	20	16	10
8-20W	Non-DALI	62	50	31	104	85	52
23-35W	Non-DALI	24	20	10	47	40	20
42W	Non-DALI	20	16	8	38	32	16
8-20W	DALI	62	50	31	104	85	52
23-27W	DALI	18	15	9	31	50	15
34-42W	DALI	17	14	9	34	28	18

RISK GROUP

Standard (CRI80)	RG1
FOOD (BVF, FBS, FSM)	RG1
FOOD ≤35W (FZM, FSH)	RG1
FOOD >35W (FZM, FSH)	RG2
FAS	RG1
AMB2200	RG1
ART	RG1
AGI	RG1
CRI90	RG1
CRI95	RG1
ENT	RG1

RG1

The evaluation of photobiological safety is carried out according to the standard IEC 62471:2008 ("Photobiological safety of lamps and lamp systems"). Following the definition of the risk grouping system of the mentioned IEC standard, the LEDs mounted on this family fall into the class "Low Risk (RG1 – No photobiological hazard under normal behavioral limitations)". Under real circumstances (regarding exposure time, pupils, observation distance), it is assumed that there is no endangerment to the eye from these devices. As a matter of principle, however, it should be mentioned that intense light sources have a high secondary exposure potential due to their blinding effect.

RG2

The evaluation of photobiological safety is carried out according to the standard IEC 62471:2008 ("Photobiological safety of lamps and lamp systems"). Following the definition of the risk grouping system of the mentioned IEC standard, the LEDs mounted on this family fall into the class "Moderate Risk (RG2)". Under real circumstances (regarding exposure time, pupils, observation distance), it is assumed that there is no endangerment to the eye from these devices. As a matter of principle, however, it should be mentioned that intense light sources have a high secondary exposure potential due to their blinding effect.

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SKU SPECIFICATIONS

Product Code	Dimensions (mm)	CCT (K)	Lumens (lm)	Power (W)	Eff. (lm/watt)	Lens Angle (°)
CRI 90						
244792 Halo TRK C31050X/PI/26W/90/A15	D106 x H256 ± 1mm	PI	1400	26W	54	15°
244793 Halo TRK C31050X/PI/26W/90/A30	D106 x H256 ± 1mm	PI	1400	26W	54	30°
244794 Halo TRK C31050X/PI/26W/90/A45	D106 x H256 ± 1mm	PI	1400	26W	54	45°
244795 Halo TRK C31050X/PI/26W/90/A60	D106 x H256 ± 1mm	PI	1400	26W	54	60°