

Theia Opal

TRACK LINEAR | DALI SERIES

A modern and stylish track mounted linear luminaire. The most innovative mounting technology completely hides the adaptors inside the track for a unique ambiance in office spaces, art galleries, meeting rooms and building entrances. Forms a modular system for continuous optic line. Homogenous illuminated light lines without lateral light emission.

The low voltage adapter contains the electronics that converts constant voltage (48 V) to constant current for the luminaire. Easy to mount without tools to the low voltage track.

Theia Opal has several series, determined by various add-on and controls:

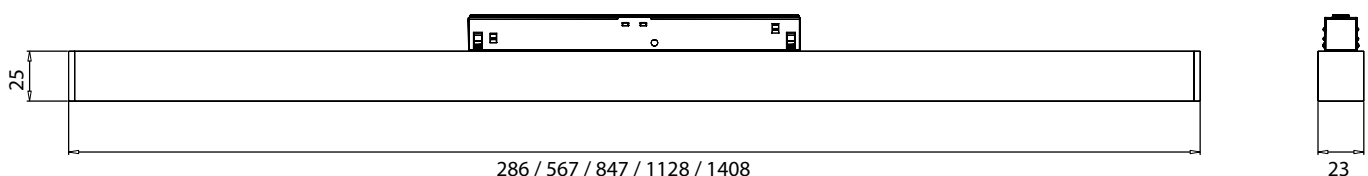
- Theia Opal Non-DALI: the standard for any project in the retail sector
- [Theia Opal DALI: with DALI controls for illumination adjustment](#)

FEATURES & BENEFITS

- CRI > 80 as standard
- Color temperatures: 3000K and 4000K
- Long rated life: L90/B10@50.000h
- Luminaire efficiency: 75 lm/W @4000K
- Dimmable

APPLICATION

Grocery & Supermarket | Retail | Art & Exhibition | Hospitality



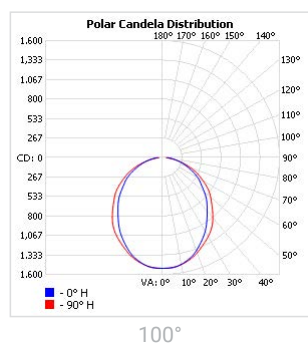
SPECIFICATIONS

Power consumption	6W	12W	18W	24W	32W
Dimensions	286x23x25±1mm	567x23x25±1mm	847x23x25±1mm	1128x23x25±1mm	1408x23x25±1mm
Weight	0.2 Kg	0.3 Kg	0.5 Kg	0.7 Kg	0.8 Kg
Housing materials	Aluminium, Polycarbonate				
IK code	IK02				
Protection class	Safety class 1				
Operating temperature [°C]	-20°C ... +45°C / -4F ... +113F				
Operating humidity [%]	10 ÷ 85				
AC Input [Vac]	48 Vdc				
Lens angle [°]	OP [100°]				
Lifespan [h]	50,000				
Housing color	○ RAL 9016 - traffic white, ● RAL 9005 - jet black				
Lumen maintenance	L90/B10@50.000h at 25°C				
IP factor	IP20				
Control optional	DALI				
Warranty [years]	5				
Storage temperature range [°C]	-20°C ... +55°C / -4F ... +131F				
Emergency option	-				

Light application	Standard
CRI	CRI 80
CCT [K]	3000K/4000K
MacAdam	3

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

LIGHT DISTRIBUTION



RISK GROUP

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.

SKU SPECIFICATIONS

Product Code	Dimensions (mm)	CCT (K)	Lumens (lm)	Power (W)	Eff. (lm/watt)	Lens Angle (°)
CRI 80						
2C0101 Theia S-9500-L1/300/3000/6W/90/OP	286x23x25±1mm	3000	425	6W	71	OP [100°]
2C0102 Theia S-9500-L1/300/4000/6W/90/OP	286x23x25±1mm	4000	445	6W	75	OP [100°]
2C0104 Theia S-9500-L1/600/3000/12W/90/OP	567x23x25±1mm	3000	845	12W	71	OP [100°]
2C0105 Theia S-9500-L1/600/4000/12W/90/OP	567x23x25±1mm	4000	885	12W	74	OP [100°]
2C0107 Theia S-9500-L1/900/3000/18W/90/OP	847x23x25±1mm	3000	1265	18W	71	OP [100°]
2C0108 Theia S-9500-L1/900/4000/18W/90/OP	847x23x25±1mm	4000	1325	18W	74	OP [100°]
2C0110 Theia S-9500-L1/1200/3000/24W/90/OP	1128x23x25±1mm	3000	1705	24W	72	OP [100°]
2C0111 Theia S-9500-L1/1200/4000/24W/90/OP	1128x23x25±1mm	4000	1790	24W	75	OP [100°]
2C0113 Theia S-9500-L1/1400/3000/30W/90/OP	1408x23x25±1mm	3000	2125	30W	71	OP [100°]
2C0114 Theia S-9500-L1/1400/4000/30W/90/OP	1408x23x25±1mm	4000	2230	30W	75	OP [100°]