

Theia Microprismatic

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

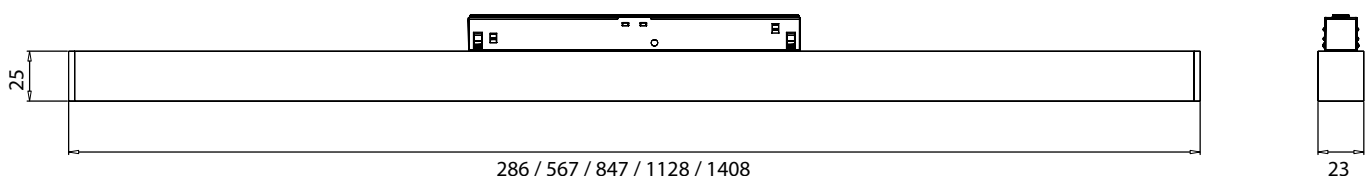
- Theia Microprismatic Non-DALI: the standard for any project in the retail sector
- **Theia Microprismatic DALI: with DALI controls for illumination adjustment**

APPLICATION

Grocery & Supermarket | Retail | Art & Exhibition | Hospitality

FEATURES & BENEFITS

- CRI > 80 as standard
- Color temperatures: 3000K and 4000K
- Long rated life: L90/B10@50.000h
- Luminaire efficiency: 93 lm/W @4000K
- Dimmable

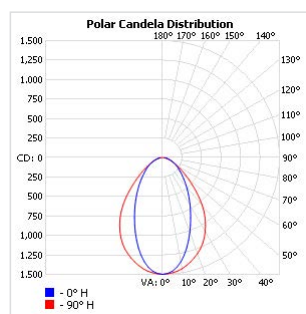


SPECIFICATIONS

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 [82°]				
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						
2C0116 Theia S-9500-L1/300/3000/6W/90/MP	286x23x25±1mm	3000	530	6W	89	OP [82°]
2C0117 Theia S-9500-L1/300/4000/6W/90/MP	286x23x25±1mm	4000	555	6W	93	OP [82°]
2C0119 Theia S-9500-L1/600/3000/12W/90/MP	567x23x25±1mm	3000	1055	12W	88	OP [82°]
2C0120 Theia S-9500-L1/600/4000/12W/90/MP	567x23x25±1mm	4000	1105	12W	93	OP [82°]
2C0122 Theia S-9500-L1/900/3000/18W/90/MP	847x23x25±1mm	3000	1580	18W	88	OP [82°]
2C0123 Theia S-9500-L1/900/4000/18W/90/MP	847x23x25±1mm	4000	1660	18W	93	OP [82°]
2C0125 Theia S-9500-L1/1200/3000/24W/90/MP	1128x23x25±1mm	3000	2080	24W	87	OP [82°]
2C0126 Theia S-9500-L1/1200/4000/24W/90/MP	1128x23x25±1mm	4000	2185	24W	92	OP [82°]
2C0128 Theia S-9500-L1/1400/3000/30W/90/MP	1408x23x25±1mm	3000	2610	30W	87	OP [82°]
2C0129 Theia S-9500-L1/1400/4000/30W/90/MP	1408x23x25±1mm	4000	2740	30W	92	OP [82°]