

## 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:

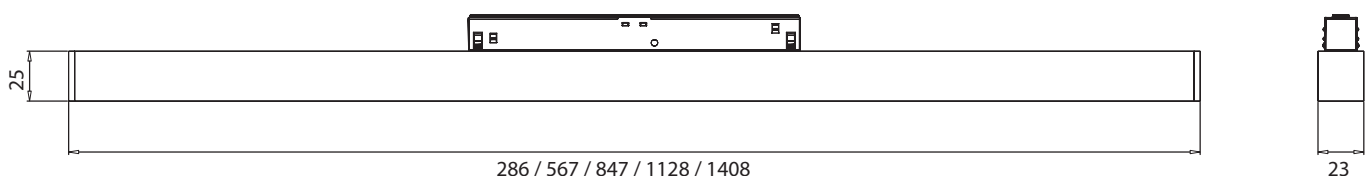
- Theia Microprismatic Non-DALI: the standard for any project in the retail sector
- **Theia Microprismatic DALI: with DALI controls for illumination adjustment**

### APPLICATION

Grocery & Supermarket | Retail | Art & Exhibition | Hospitality

### FEATURES & BENEFITS

- CRI > 80 as standard
- Color temperatures: 2200K, 3000K and 4000K
- Long rated life: L90/B10@50.000h
- Luminaire efficiency: 63 lm/w @4000K
- Dimmable



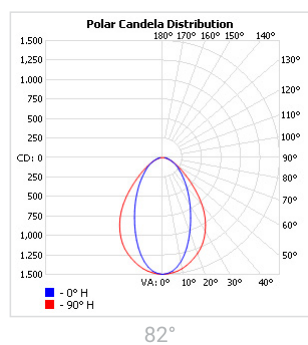
**SPECIFICATIONS**

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 9003 - signal 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]	2200K/3000K/4000K
MacAdam	3

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

**LIGHT DISTRIBUTION**



**RISK GROUP**

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**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 (°)
<b>CRI 80</b>						
2C0020 Theia S-9500-L1/300/2200/6W/80/MP	286x23x25±1mm	2200	335	6W	56	OP [ 82° ]
2C0021 Theia S-9500-L1/300/3000/6W/80/MP	286x23x25±1mm	3000	360	6W	60	OP [ 82° ]
2C0022 Theia S-9500-L1/300/4000/6W/80/MP	286x23x25±1mm	4000	375	6W	63	OP [ 82° ]
2C0023 Theia S-9500-L1/600/2200/12W/80/MP	567x23x25±1mm	2200	615	12W	52	OP [ 82° ]
2C0024 Theia S-9500-L1/600/3000/12W/80/MP	567x23x25±1mm	3000	715	12W	60	OP [ 82° ]
2C0025 Theia S-9500-L1/600/4000/12W/80/MP	567x23x25±1mm	4000	750	12W	63	OP [ 82° ]
2C0026 Theia S-9500-L1/900/2200/18W/80/MP	847x23x25±1mm	2200	900	18W	50	OP [ 82° ]
2C0027 Theia S-9500-L1/900/3000/18W/80/MP	847x23x25±1mm	3000	1065	18W	60	OP [ 82° ]
2C0028 Theia S-9500-L1/900/4000/18W/80/MP	847x23x25±1mm	4000	1125	18W	63	OP [ 82° ]
2C0029 Theia S-9500-L1/1200/2200/24W/80/MP	1128x23x25±1mm	2200	1195	24W	50	OP [ 82° ]
2C0030 Theia S-9500-L1/1200/3000/24W/80/MP	1128x23x25±1mm	3000	1425	24W	60	OP [ 82° ]
2C0031 Theia S-9500-L1/1200/4000/24W/80/MP	1128x23x25±1mm	4000	1500	24W	63	OP [ 82° ]
2C0032 Theia S-9500-L1/1400/2200/32W/80/MP	1408x23x25±1mm	2200	1560	32W	49	OP [ 82° ]
2C0033 Theia S-9500-L1/1400/3000/32W/80/MP	1408x23x25±1mm	3000	1885	32W	59	OP [ 82° ]
2C0034 Theia S-9500-L1/1400/4000/32W/80/MP	1408x23x25±1mm	4000	1985	32W	63	OP [ 82° ]