

## 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:

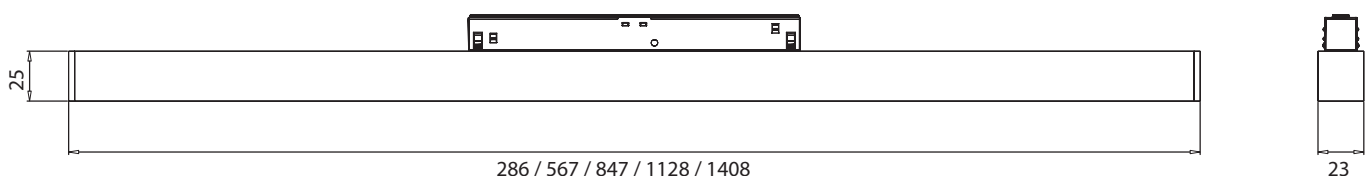
- Theia Opal Non-DALI: the standard for any project in the retail sector
- [Theia Opal DALI: with DALI controls for illumination adjustment](#)

### 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: 55 lm/w @4000K
- Dimmable



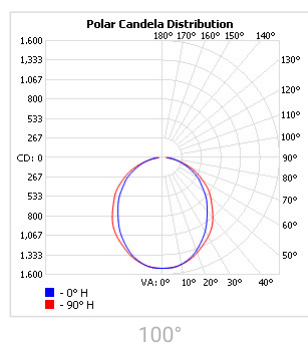
**SPECIFICATIONS**

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 [100°]				
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>						
2C0000 Theia S-9500-L1/300/2200/6W/80/OP	286x23x25±1mm	2200	270	6W	45	OP [ 100° ]
2C0001 Theia S-9500-L1/300/3000/6W/80/OP	286x23x25±1mm	3000	310	6W	52	OP [ 100° ]
2C0002 Theia S-9500-L1/300/4000/6W/80/OP	286x23x25±1mm	4000	330	6W	55	OP [ 100° ]
2C0003 Theia S-9500-L1/600/2200/12W/80/OP	567x23x25±1mm	2200	495	12W	42	OP [ 100° ]
2C0004 Theia S-9500-L1/600/3000/12W/80/OP	567x23x25±1mm	3000	575	12W	48	OP [ 100° ]
2C0005 Theia S-9500-L1/600/4000/12W/80/OP	567x23x25±1mm	4000	605	12W	51	OP [ 100° ]
2C0006 Theia S-9500-L1/900/2200/18W/80/OP	847x23x25±1mm	2200	725	18W	41	OP [ 100° ]
2C0007 Theia S-9500-L1/900/3000/18W/80/OP	847x23x25±1mm	3000	845	18W	47	OP [ 100° ]
2C0008 Theia S-9500-L1/900/4000/18W/80/OP	847x23x25±1mm	4000	890	18W	50	OP [ 100° ]
2C0009 Theia S-9500-L1/1200/2200/24W/80/OP	1128x23x25±1mm	2200	960	24W	40	OP [ 100° ]
2C0010 Theia S-9500-L1/1200/3000/24W/80/OP	1128x23x25±1mm	3000	1120	24W	47	OP [ 100° ]
2C0011 Theia S-9500-L1/1200/4000/24W/80/OP	1128x23x25±1mm	4000	1180	24W	50	OP [ 100° ]
2C0012 Theia S-9500-L1/1400/2200/32W/80/OP	1408x23x25±1mm	2200	1250	32W	40	OP [ 100° ]
2C0013 Theia S-9500-L1/1400/3000/32W/80/OP	1408x23x25±1mm	3000	1465	32W	46	OP [ 100° ]
2C0014 Theia S-9500-L1/1400/4000/32W/80/OP	1408x23x25±1mm	4000	1540	32W	49	OP [ 100° ]