



Light Blade

TRACK LINEAR | TW 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.

Tunable white - Light color temperature can be adjusted to reflect the need or mood of the user. The light provided by the luminaires can be changed from warm to cold, in a range between 2700K - 6500K.

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

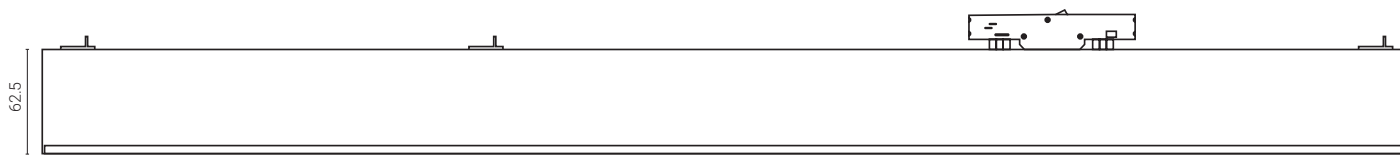
- Light Blade Non-DALI: the standard for office spaces
- Light blade DALI: with DALI controls for illumination adjustments
- Light Blade TW - the tunable white system with adjustable colour temperature

APPLICATION

Office | Healthcare | Hospitality | DIY

FEATURES & BENEFITS

- CRI 90
- Color temperature: Tunable White
- Long rated life: L70/B10@50.000h
- Luminaire efficiency: 69lm/w @4000K



585 / 1146 / 1426

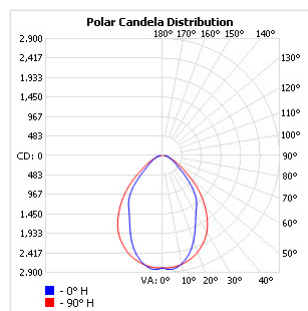
SPECIFICATIONS

Power consumption	19W , 25W , 34W	19W , 25W , 34W , 39W	19W , 25W , 34W , 39W
Dimensions	585 x 32 x 62.5 ± 1mm	1146 x 32 x 62.5 ± 1mm	1426 x 32 x 62.5 ± 1mm
Weight	1 Kg	1.6 Kg	1.9 Kg
Housing materials	Aluminum & Polycarbonate		
IK code	IK04		
THD (at 230V, 50Hz, Full load)	<10%		
Protection class	Safety class 1		
Operating temperature [°C]	-25°C ... +55°C / -13F ... +131F		
Operating humidity [%]	10 ÷ 85		
Power factor	≥0.89		
AC Input [Vac]	220 - 240 VAC		
Lens angle [°]	70°		
Lifespan [h]	50,000		
Housing color	○ RAL9010 - White ● RAL9005 - Black		
Lumen maintenance	L70/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	-		

#	Standard
CRI	CRI90
CCT [K]	Tunable White
MacAdam	3

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

LIGHT DISTRIBUTION



70°

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
< 50W	Non-DALI	38	30	19	62	51	31
≥ 50W	Non-DALI	38	30	19	62	51	31
< 80W	DALI	27	21	13	45	35	21

RISK GROUP

Standard (CRI80) RG1

FOOD (BVF, FBS, FSM) RG1

FOOD ≤35W (FZM, FSH) RG2 (dthr=1.8m)

FOOD >35W (FZM, FSH) RG2 (dthr=2.2m)

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.

SKU SPECIFICATIONS

Product Code	Dimensions (mm)	CCT (K)	Lumens (lm)	Power (W)	Eff. (lm/watt)	Lens Angle (°)
CRI 80						
298036 LightBlade 60/TW/19W/90/MP	585 x 32 x 62.5 ± 1mm	TW	1125	19W	60	70°
298037 LightBlade 60/TW/25W/90/MP	585 x 32 x 62.5 ± 1mm	TW	1540	25W	62	70°
298038 LightBlade 60/TW/34W/90/MP	585 x 32 x 62.5 ± 1mm	TW	1970	34W	58	70°
298039 LightBlade 120/TW/19W/90/MP	1146 x 32 x 62.5 ± 1mm	TW	1215	19W	64	70°
298040 LightBlade 120/TW/25W/90/MP	1146 x 32 x 62.5 ± 1mm	TW	1680	25W	68	70°
298041 LightBlade 120/TW/34W/90/MP	1146 x 32 x 62.5 ± 1mm	TW	2260	34W	67	70°
298042 LightBlade 120/TW/39W/90/MP	1146 x 32 x 62.5 ± 1mm	TW	2540	39W	66	70°
298043 LightBlade 150/TW/19W/90/MP	1426 x 32 x 62.5 ± 1mm	TW	1235	19W	65	70°
298044 LightBlade 150/TW/25W/90/MP	1426 x 32 x 62.5 ± 1mm	TW	1715	25W	69	70°
298045 LightBlade 150/TW/34W/90/MP	1426 x 32 x 62.5 ± 1mm	TW	2325	34W	69	70°
298046 LightBlade 150/TW/39W/90/MP	1426 x 32 x 62.5 ± 1mm	TW	2620	39W	68	70°