



Linea SM

LINEA SM | DALI SERIES

LINEA SM Individual Lens is a versatile luminaire, creates a mellow ambient, pleasant light, appropriate for office environments in particular.

Linea SM Individual Lens has several series, determined by various add-on and controls:

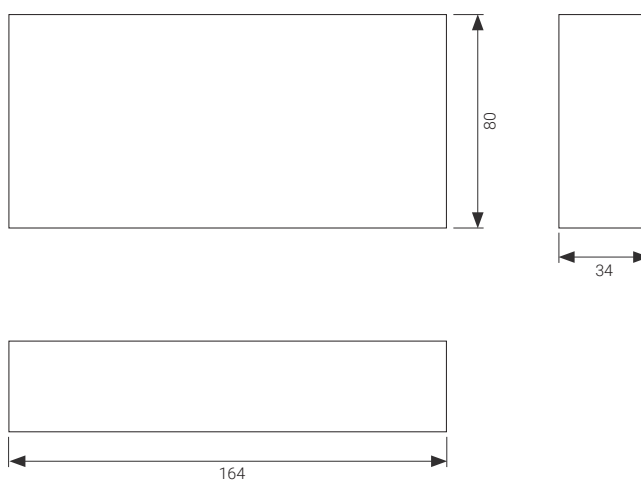
- Linea SM Individual Lens Non-DALI: the standard for any project in the retail sector
- Linea SM Individual Lens DALI: with DALI controls for illumination adjustments

FEATURES & BENEFITS

- CRI 90 as standard
- Color temperatures: 3000K and 4000K
- Angle: 15°, 24°, 38° and 55°

APPLICATION

Grocery & Supermarket | Retail | Art & Exhibition



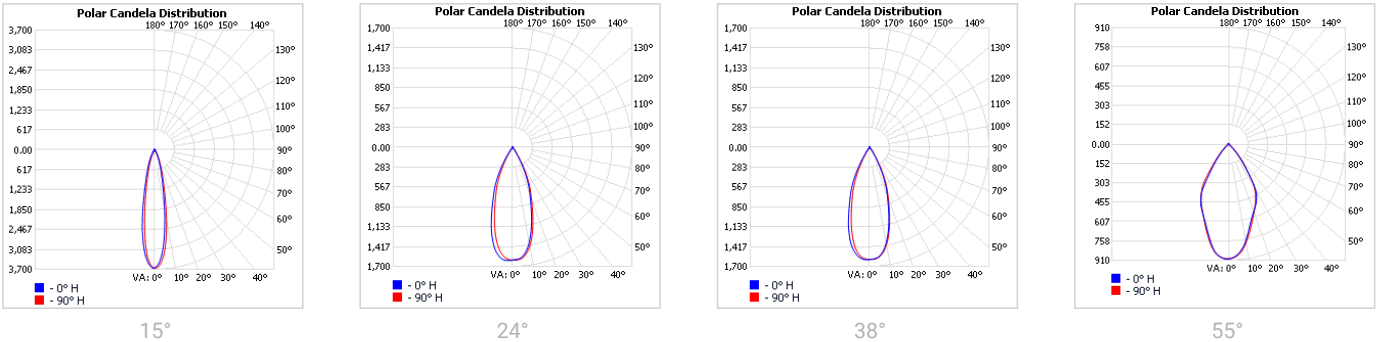
SPECIFICATIONS

Power consumption	10W
Dimensions	164x80x34±1mm
Weight	0.5 Kg
Housing materials	Aluminium, glass
IK code	IK02
THD (at 230V, 50Hz, Full load)	≤ 15
Protection class	Safety class 1
AC Input [Vac]	220 - 240 VAC
Power factor	≥ 0.95
Current ripple	≤ 5
Lens angle [°]	15°, 24°, 38°, 55°
Lifespan [h]	50.000
Housing color	○ RAL 9003 - Signal white, ● RAL 9005 - Jet Black, ● RAL 9006 - White Aluminium
Lumen maintenance	L90/B10@50.000h at 25°C
Operating temperature [°C]	-20°C ... +45°C / -4F ... +113F
Storage temperature range [°C]	-10°C ... +45°C / +14F ... +113F
Operating humidity [%]	10 ÷ 85
IP factor	IP20
Control optional	DALI
Warranty [years]	5

Application	Standard
CRI	CRI 90
CCT [K]	3000K/4000K
MacAdam	3

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

LIGHT DISTRIBUTION



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	
		16	10	16	10
10W	DALI	112	70	200	125

RISK GROUP

Standard (CRI80)	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.
FOOD (BVF, FBS, FSM)	RG1	
FOOD ≤35W (FZM, FSH)	RG1	
FOOD >35W (FZM, FSH)	RG2	
FAS	RG1	
AMB2200	RG1	
ART	RG1	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.
AGI	RG1	
CRI90	RG1	
CRI95	RG1	
ENT	RG1	

SKU SPECIFICATIONS

Product Code	Dimensions (mm)	CCT (K)	Lumens (lm)	Power (W)	Eff. (lm/watt)	Lens Angle (°)
CRI 90						
2G7000 Linea SM C3-1106/3000/10W/90/A15	164x80x34±1mm	3000K	625	10W	63	15°
2G7001 Linea SM C3-1106/4000/10W/90/A15	164x80x34±1mm	4000K	625	10W	63	15°
2G7002 Linea SM C3-1106/3000/10W/90/A24	164x80x34±1mm	3000K	725	10W	73	24°
2G7003 Linea SM C3-1106/4000/10W/90/A24	164x80x34±1mm	4000K	725	10W	73	24°
2G7004 Linea SM C3-1106/3000/10W/90/A38	164x80x34±1mm	3000K	725	10W	73	38°
2G7005 Linea SM C3-1106/4000/10W/90/A38	164x80x34±1mm	4000K	725	10W	73	38°
2G7006 Linea SM C3-1106/3000/10W/90/A55	164x80x34±1mm	3000K	715	10W	72	55°
2G7007 Linea SM C3-1106/4000/10W/90/A55	164x80x34±1mm	4000K	715	10W	72	55°