



## CRI CML

### SHELF LUMINAIRES | TEC SERIES

CRI is a special customized luminaire created for high shelves where dry-food and beverages are stored in the grocery & supermarkets and other retail applications.

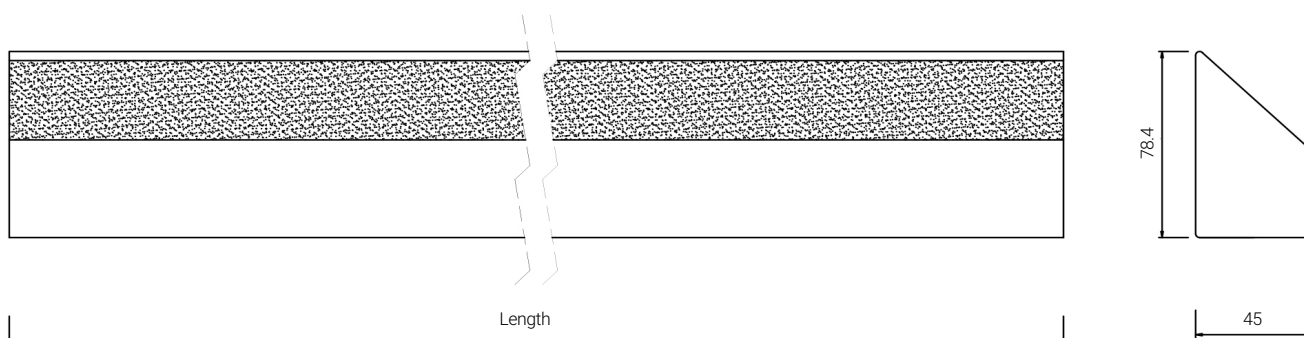
The long luminaires are mounted on the inside part of the shelves and illuminate the shelf from a perspective that's invisible to the customer.

### FEATURES & BENEFITS

- CRI 80 as standard
- 4 color temperatures: 3000K, 4000K
- Long rated life: L90/B10@50.000h
- Luminaire efficiency: 113 lm/w @4000K

### APPLICATION

Grocery & Supermarket | Retail | DIY



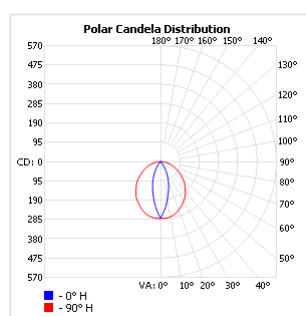
## SPECIFICATIONS

Power consumption	13W	25W
Dimensions	600.8 x 78.4 x 45 ± 1mm	1200.8 x 78.4 x 45 ± 1mm
Weight	1.8Kg	2.5Kg
Housing materials	Steel & Polycarbonate	
IK code	IK04	
THD (at 230V, 50Hz, Full load)	<8%	
Protection class	Safety class 1	
Operating temperature [°C]	-20 ... +45 °C / -4F ... +113F	
Operating humidity [%]	10 ÷ 85	
Power factor	≥0.95	
AC Input [Vac]	220 - 240 VAC	
Lens angle [°]	Asymmetric	
Lifespan [h]	50,000	
Housing color	● Grey	
Lumen maintenance	L90/B10@50.000h at 25°C	
IP factor	IP20	
Control optional	-	
Warranty [years]	5	
Storage temperature range [°C]	-20...+55°C / -4F ... +131F	
Emergency option	-	

Light application	Standard
CRI	CRI 80
CCT [K]	3000K/4000K
MacAdam	4

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

## LIGHT DISTRIBUTION



Asymmetric

**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.

**TOLERANCES**

**Luminous flux tolerances:** -/+ 5%

**Consumption tolerance:** -/+ 5% for TEC | -/+ 10% for TEC & KIT EM | -/+ 10% for ECO-DALI | -/+ 15% for ECO-DALI & KIT EM

**BATTERY WARRANTY**

**TEC EM & ECO EM:** 12 months warranty

**TEC & ECO:** -

**MAXIMUM NO. OF LUMINAIRES ON A CIRCUIT**

Power	Driver type	Control type	Circuit Breaker Type						
			Amperage	B			C		
				20	16	10	20	16	10
< 50W		TEC		37	30	18	62	51	31
≥ 50W		TEC		37	30	18	62	51	31
< 80W		ECO		27	21	13	45	35	21

## SKU SPECIFICATIONS

Product Code	Dimensions (mm)	CCT (K)	Lumens (lm)	Power (W)	Eff. (lm/watt)	Lens Angle (°)
<b>CRI 80</b>						
CRI CML GT1 /60/PC/4000/13W	600.8 x 78.4 x 45 ± 1mm	4000	1455	13W	112	Asymmetric
CRI CML GT1 /120/PC/3000/25W	1200.8 x 78.4 x 45 ± 1mm	3000	2695	25W	108	Asymmetric
CRI CML GT1 /120/PC/4000/25W	1200.8 x 78.4 x 45 ± 1mm	4000	2810	25W	113	Asymmetric