



CRI AL

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.

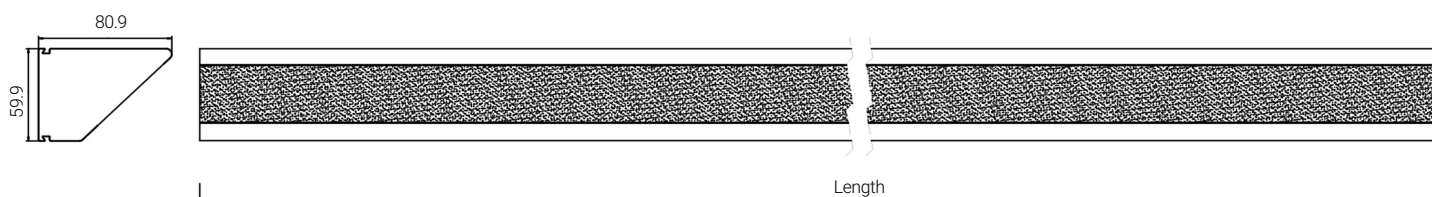
The long luminaires are mounted on the inside part of the shelves and illuminate the shelf from a perspective that's invisible to the customer.

FEATURES & BENEFITS

- CRI 80 as standard
- 4 color temperatures: 3000K, 4000K, 5000K, 6500K
- Long rated life: L90/B10@50.000h
- Luminaire efficiency: 116 lm/w @4000K

APPLICATION

Grocery & Supermarket | Retail | DIY



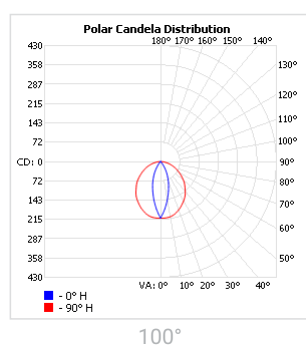
SPECIFICATIONS

Power consumption	11W, 13W, 16W	20W, 25W, 26W	30W, 37W, 43W
Dimensions	600 x 80.9 x 59.90 ± 1mm	1204 x 80.9 x 59.90 ± 1mm	1796 x 80.9 x 59.90 ± 1mm
Weight	1.0Kg	1.8Kg	2.6Kg
Housing materials	Aluminum & 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 [°]	100°		
Lifespan [h]	50,000		
Housing color	● Anodised 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, 5000K, 6500K
MacAdam	4

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

LIGHT DISTRIBUTION



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 (°)
CRI 80						
137000 CRI AL 600mm/3000/11W/80	600 x 80.9 x 59.90 ± 1mm	3000	1210	11W	110	100°
137001 CRI AL 600mm/4000/11W/80	600 x 80.9 x 59.90 ± 1mm	4000	1265	11W	115	100°
137002 CRI AL 600mm/5000/11W/80	600 x 80.9 x 59.90 ± 1mm	5000	1300	11W	118	100°
137003 CRI AL 600mm/6500/11W/80	600 x 80.9 x 59.90 ± 1mm	6500	1265	11W	115	100°
137004 CRI AL 600mm/3000/13W/80	600 x 80.9 x 59.90 ± 1mm	3000	1390	13W	107	100°
137005 CRI AL 600mm/4000/13W/80	600 x 80.9 x 59.90 ± 1mm	4000	1455	13W	112	100°
137006 CRI AL 600mm/5000/13W/80	600 x 80.9 x 59.90 ± 1mm	5000	1495	13W	115	100°
137007 CRI AL 600mm/6500/13W/80	600 x 80.9 x 59.90 ± 1mm	6500	1455	13W	112	100°
137008 CRI AL 600mm/3000/16W/80	600 x 80.9 x 59.90 ± 1mm	3000	1650	16W	103	100°
137009 CRI AL 600mm/4000/16W/80	600 x 80.9 x 59.90 ± 1mm	4000	1730	16W	108	100°
137010 CRI AL 600mm/5000/16W/80	600 x 80.9 x 59.90 ± 1mm	5000	1775	16W	111	100°
137011 CRI AL 600mm/6500/16W/80	600 x 80.9 x 59.90 ± 1mm	6500	1730	16W	108	100°
137036 CRI AL 1200mm/3000/17W/80	1204 x 80.9 x 59.90 ± 1mm	3000	1910	17W	113	100°
137037 CRI AL 1200mm/4000/17W/80	1204 x 80.9 x 59.90 ± 1mm	4000	1990	17W	117	100°
137038 CRI AL 1200mm/5000/17W/80	1204 x 80.9 x 59.90 ± 1mm	5000	2045	17W	121	100°
137039 CRI AL 1200mm/6500/17W/80	1204 x 80.9 x 59.90 ± 1mm	6500	1990	17W	117	100°
137012 CRI AL 1200mm/3000/20W/80	1204 x 80.9 x 59.90 ± 1mm	3000	2220	20W	111	100°
137013 CRI AL 1200mm/4000/20W/80	1204 x 80.9 x 59.90 ± 1mm	4000	2315	20W	116	100°
137014 CRI AL 1200mm/5000/20W/80	1204 x 80.9 x 59.90 ± 1mm	5000	2380	20W	119	100°
137015 CRI AL 1200mm/6500/20W/80	1204 x 80.9 x 59.90 ± 1mm	6500	2315	20W	116	100°
137016 CRI AL 1200mm/3000/25W/80	1204 x 80.9 x 59.90 ± 1mm	3000	2695	25W	108	100°
137017 CRI AL 1200mm/4000/25W/80	1204 x 80.9 x 59.90 ± 1mm	4000	2810	25W	113	100°
137018 CRI AL 1200mm/5000/25W/80	1204 x 80.9 x 59.90 ± 1mm	5000	2885	25W	116	100°
137019 CRI AL 1200mm/6500/25W/80	1204 x 80.9 x 59.90 ± 1mm	6500	2810	25W	113	100°
137020 CRI AL 1200mm/3000/28W/80	1204 x 80.9 x 59.90 ± 1mm	3000	2910	28W	104	100°
137021 CRI AL 1200mm/4000/28W/80	1204 x 80.9 x 59.90 ± 1mm	4000	3035	28W	109	100°
137022 CRI AL 1200mm/5000/28W/80	1204 x 80.9 x 59.90 ± 1mm	5000	3115	28W	112	100°
137023 CRI AL 1200mm/6500/28W/80	1204 x 80.9 x 59.90 ± 1mm	6500	3035	28W	109	100°
137040 CRI AL 1800mm/3000/25W/80	1796 x 80.9 x 59.90 ± 1mm	3000	2805	25W	113	100°
137041 CRI AL 1800mm/4000/25W/80	1796 x 80.9 x 59.90 ± 1mm	4000	2925	25W	117	100°
137042 CRI AL 1800mm/5000/25W/80	1796 x 80.9 x 59.90 ± 1mm	5000	3005	25W	121	100°
137043 CRI AL 1800mm/6500/25W/80	1796 x 80.9 x 59.90 ± 1mm	6500	2925	25W	117	100°
137024 CRI AL 1800mm/3000/30W/80	1796 x 80.9 x 59.90 ± 1mm	3000	3300	30W	110	100°
137025 CRI AL 1800mm/4000/30W/80	1796 x 80.9 x 59.90 ± 1mm	4000	3450	30W	115	100°
137026 CRI AL 1800mm/5000/30W/80	1796 x 80.9 x 59.90 ± 1mm	5000	3535	30W	118	100°
137027 CRI AL 1800mm/6500/30W/80	1796 x 80.9 x 59.90 ± 1mm	6500	3450	30W	115	100°
137028 CRI AL 1800mm/3000/37W/80	1796 x 80.9 x 59.90 ± 1mm	3000	3960	37W	107	100°
137029 CRI AL 1800mm/4000/37W/80	1796 x 80.9 x 59.90 ± 1mm	4000	4140	37W	112	100°
137030 CRI AL 1800mm/5000/37W/80	1796 x 80.9 x 59.90 ± 1mm	5000	4250	37W	115	100°
137031 CRI AL 1800mm/6500/37W/80	1796 x 80.9 x 59.90 ± 1mm	6500	4140	37W	112	100°
137032 CRI AL 1800mm/3000/43W/80	1796 x 80.9 x 59.90 ± 1mm	3000	4430	43W	103	100°
137033 CRI AL 1800mm/4000/43W/80	1796 x 80.9 x 59.90 ± 1mm	4000	4645	43W	108	100°
137034 CRI AL 1800mm/5000/43W/80	1796 x 80.9 x 59.90 ± 1mm	5000	4770	43W	111	100°
137035 CRI AL 1800mm/6500/43W/80	1796 x 80.9 x 59.90 ± 1mm	6500	4645	43W	108	100°