



Ledomero

RECESSED DIRECTIONAL SPOTLIGHTS | ECO-DALI SERIES

Highly flexible recessed spotlight with narrow adjustable angle mechanism for precise lighting. Direct light emission targets modern spaces that need to illuminate a wide range of display products like shops, showrooms, art galleries.

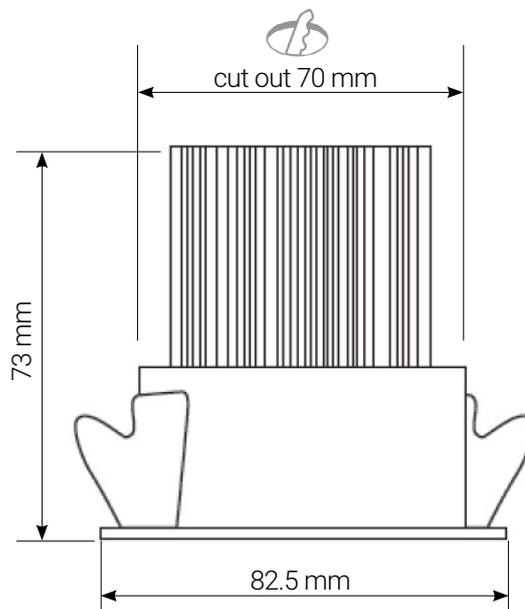
Minimalist housing comes in two colors - signal white and jet black - for a perfect blend with the environment.

Features & Benefits

- CRI > 80 as standard for commercial spaces
- 3 available color temperatures (2200K, 3000K, 4000K)
- Narrow beam for precise lighting: 30°
- Long rated life: L90/B10@50.000h

Applications & Referencest

Grocery & Supermarket | Retail | Office | Healthcare | Hospitality | DIY



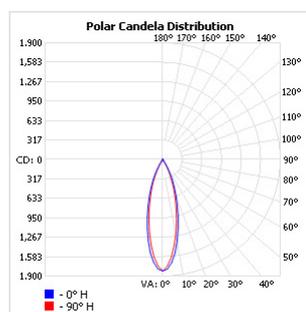
Specifications

Power consumption	8W, 10W, 12W
Dimensions	D82,5 x H73 ±1mm - cut out 70 ±1mm
Weight	0,4Kg
Housing materials	Aluminium, Glass
IK code	IK02
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 [°]	30°
Lifespan [h]	50,000
Housing color	○ RAL9003 - Signal white ● RAL9003 - Jet black
Lumen maintenance	L90/B10@50.000h at 25°C
IP factor	IP20
Control optional	For more information please see LEDOMERO ECO-DALI datasheet
Warranty [years]	5
Storage temperature range [°C]	-20...+55°C / -4F ... +131F
Emergency option	-

Light application	Standard	Asistență medicală
CRI	CRI 80	CRI 80
CCT [K]	3000K/4000K	AMB2200
MacAdam	3	3

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

Light Distribution



A30

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						
214001 Ledomero /DSA/3000/8W/80	D82,5 x H73 ±1mm	3000K	565	8W	71	30°
214002 Ledomero /DSA/4000/8W/80	D82,5 x H73 ±1mm	4000K	595	8W	75	30°
214005 Ledomero /DSA/3000/10W/80	D82,5 x H73 ±1mm	3000K	645	10W	65	30°
214006 Ledomero /DSA/4000/10W/80	D82,5 x H73 ±1mm	4000K	675	10W	68	30°
214009 Ledomero /DSA/3000/12W/80	D82,5 x H73 ±1mm	3000K	730	12W	61	30°
214010 Ledomero /DSA/4000/12W/80	D82,5 x H73 ±1mm	4000K	765	12W	64	30°
214024 Ledomero /DSA/AMB2200/12W/80	D82,5 x H73 ±1mm	AMB2200	740	12W	62	30°