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# Estrella 125

LED Downlight



## Estrella 125

Engineered for perfect illumination, precision and durability. Featuring an asymmetrical 60° beam for targeted illumination, this fitting comes with an IP65 or IP20 rating, ensuring reliable performance even in challenging environments. Crafted from robust die-cast aluminum, its sleek reflector is available with a pure aluminum reflector, adding a touch of sophistication. With CCT options ranging from 2700K to 6500K and a CRI of  $Ra \geq 80$  or  $Ra \geq 90$ , it delivers exceptional colour accuracy and adaptability.





## High efficiency and energy saving



The Estrella 125 is a versatile recessed LED downlight designed to perform reliably in diverse environments with an operating temperature range of  $-20^{\circ}\text{C}$  to  $45^{\circ}\text{C}$ . and IP Rating of 65 where required.



The Estrella 125 recessed LED downlight, featuring a wide  $60^{\circ}$  beam angle, is designed for broader coverage, evenly illuminating larger areas. It reduces harsh shadows providing a more uniform and comfortable lighting effect.

## Intelligent lighting control options



All versions of the Estrella 125 can be installed with either DALI or 1-10v Dimming Smart integration with building management systems ensures energy optimization, while app-based controls offer convenience and remote access.

## Glare controlled downlights



High-quality illumination with glare-controlled downlights, designed to reduce visual discomfort and enhance focus.

These fittings utilize advanced optics and low Unified Glare Rating (UGR) designs to ensure even light distribution and minimize harsh reflections. Ideal for offices, retail spaces, and hospitality environments, glare-controlled downlights provide a balance of brightness and comfort, promoting productivity and creating an inviting ambiance



**MODEL** Estrella 125

**WATTAGE** 18W | 28W | 38W | 48W

**CRI** 80/90

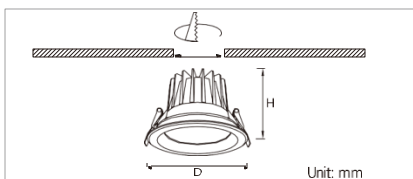
**CCT** 2700K | 3000K | 3500K | 4000K | 5000K | 5700K | 6500K

**BEAM ANGLE** 60°

**MATERIAL** Matt white or black trim  
Die-casting alu. trim and heatsink, Glass.

**DRIVER** Constant current remote LED driver included

**APPLICATION** Residential lighting, hotel and villas, bars, restaurants, etc.



Model	Watts	DxH(mm)	Cutout(mm)	Lumen(lm/w)
D125CT115	18W	ø134xH97	115	100-120
D125CT140	28W	ø160xH110	140	100-120
D125CT170	38W	ø188xH129	170	100-120
D125CT200	48W	ø227xH100	200	100-120
D125CT220	48W	ø250xH149	220	100-120

### Fixed



### OPTICAL DATA

Light Source	SMD 3030 Osram/Sanan
Correlated Colour Temperature (CCT)	2700K ~ 6500K
Colour Rendering Index (CRI)	>70 standard; >80 optional
SDCM	<3
Beam Angle	60°
UGR	<17

### PERFORMANCE

System Wattage	18W   28W   38W   48W
Luminous Flux(±10%)	lm
Luminaire Efficacy	100 - 120lm/W

### ELECTRICAL DATA

Protection Class	Class 1
Nominal Voltage	AC100-240V   50-60 Hz
Power Factor	>0.95
Surge Protection (Kv)	-
Control Protocol	Triac, DALI, 1-10V
Sensor	-
Emergency	-
Power Supply	Lifud   Eaglerise   OEM
Driver Type	Constant Current (CC)
Total Harmonic Distortion (THD)	IEC 61000-3-2 Class C <20%
Inrush Current	-
Driver Lifetime	>50,000hrs
Electromagnetic Compatibility (EMC)	EN 55015:2019/A11:2020, EN 61000 3-2:2019, EN 61000-3-3:2013, EN 61547:2009, EN 62493:2015

### OPERATING CONDITIONS

Operating Temperature (Ta)	-30° to +45°C
Mounting Options	Recessed

### TECHNICAL DATA

Certifications	ENEC/CB/SA/TUV-CE/ROHS
Warranty	3 Year
Documentation	LM-79 / LM-80 / ISTMT / TM-21
Testing Standard	LM-79-19 (all measurements in ISO17025 accredited laboratory)

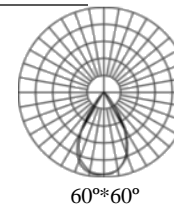
### HOUSING & FINISH

Housing Material	Die-cast aluminum
Reflector	Aluminium
Optic Material	Glass
Housing Finish	Powder Coating
Finish Colour	Matt white or black trim
Weight (Kg)	-
IP Rating	IP20   IP65
IK Rating	IK

### LIFETIME OF THE LEDS @ TA 25°C

Lifetime @L70 (Tm-21)	>102,000hrs
Lifetime @L80 (Tm-21)	>50,000hrs
Lifetime @L90 (Tm-21)	>50,000hrs
Switching Cycles	<100,000hrs

### PHOTOMETRIC DATA



### ORDERING INFORMATION

Example: D125-N-28-30-60-R-200

Model	Dimming	Wattage	CCT	Beam	Reflector	Cutout
D125	N	28W	30	60°	R	200
D125	N NonDim	18W	27 2700K	60°	R Reflector	115
	T Triac Dim	28W	30 3000K		L Lens	140
	V 0/1-10V Dim	38W	35 3500K			170
	D DALI Dim	48W	40 4000K			200
			50 5000K			220
			57 5700K			
			65 6500K			

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