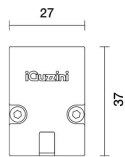


Last information update: November 2025

Product configuration: UE85.15

UE85.15: 27 Surface Full Remote - Warm White - 48 Vdc - L=920mm - Flood optic - 11.5W 1118lm - 3000K - Grey

**Product code**

UE85.15: 27 Surface Full Remote - Warm White - 48 Vdc - L=920mm - Flood optic - 11.5W 1118lm - 3000K - Grey

Technical description

Direct light linear luminaire, designed to use monochrome LED lamps. The product can be installed using pairs of arms, ceiling/ground/wall-mounting bases, stakes, and pendant rods and cables (to be ordered separately). The body is made of extruded aluminium and includes die-cast aluminium end caps with 50/60 Shore A silicone seals. It is subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The top of the optical assembly is closed by a 5mm thick transparent glass screen, fixed with silicone. Complete with Warm White multi-LED circuit. Both the 48Vdc control card (available in a DMX version and a DALI version) and the power supply must be purchased separately. Supplied with a connector with an IP68 threaded locknut. The products have a double connector (male/female) to allow pass-through wiring and continuous line applications. The product is supplied with a closure cover (UV-resistant) that covers the cables and protects against dirt and UV rays. Fitted with an Opti Beam Reflector optical system with a Flood optic. All external screws used are made of A2 stainless steel.

Installation

Installation accessories can be purchased separately, including arms for wall installations at a height of less than 3m, arms for wall installations at a height of more than 3m, bases for ceiling or wall-mounted installations, stakes, and pendant rods and cables.

Colour

Grey (15)

Weight (Kg)

1.12

Mounting

wall arm|wall surface|ceiling surface

Wiring

Ceiling, wall, surface, stake and pendant installation.

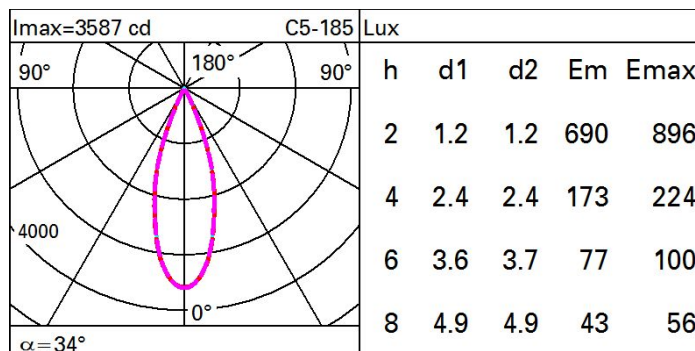
Notes

Supplied with a connector with an IP68 threaded locknut. The products have a double connector (male/female) to allow pass-through wiring and continuous line applications. Both the control card and power supply are remote and must be purchased separately.

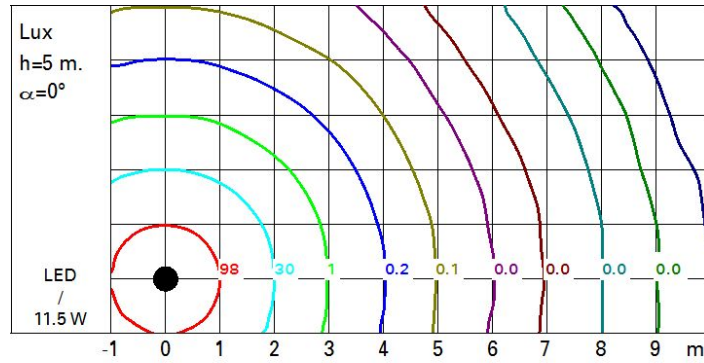
Complies with EN60598-1 and pertinent regulations

**Technical data**

lm system:	1118	Colour temperature [K]:	3000
W system:	11.5	MacAdam Step:	3
lm source:	1720	Life Time LED 1:	100,000h - L85 - B10 (Ta 25°C)
W source:	8.9	Life Time LED 2:	100,000h - L85 - B10 (Ta 40°C)
Luminous efficiency (lm/W, real value):	97.2	Voltage [Vin]:	48
lm in emergency mode:	-	Lamp code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of lamps for optical assembly:	1
Light Output Ratio (L.O.R.) [%]:	65	ZVEI Code:	LED
Beam angle [°]:	34°	Number of optical assemblies:	1
CRI (minimum):	80	Operating ambient temperature range:	from -30°C to 50°C.
Rf (Colour Fidelity Index):	87	LED current [mA]:	40
Rg (Gamut Index):	95	Control:	PWM, PWM

Polar

Isolux



UGR diagram

Corrected UGR values (at 1720 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
		viewed crosswise					viewed endwise				
2H	2H	-4.8	-4.3	-4.5	-4.1	-3.8	-4.6	-4.1	-4.3	-3.9	-3.6
	3H	-4.7	-4.2	-4.4	-4.0	-3.7	-4.6	-4.1	-4.3	-3.9	-3.6
	4H	-4.7	-4.3	-4.4	-4.0	-3.7	-4.6	-4.2	-4.3	-3.9	-3.6
	6H	-4.7	-4.3	-4.3	-4.0	-3.6	-4.7	-4.3	-4.4	-4.0	-3.7
	8H	-4.7	-4.3	-4.3	-4.0	-3.6	-4.7	-4.4	-4.4	-4.0	-3.7
	12H	-4.7	-4.3	-4.3	-4.0	-3.6	-4.8	-4.4	-4.4	-4.1	-3.7
4H	2H	-4.8	-4.4	-4.5	-4.1	-3.8	-4.4	-3.9	-4.1	-3.7	-3.4
	3H	-4.7	-4.3	-4.3	-4.0	-3.6	-4.3	-3.9	-3.9	-3.6	-3.3
	4H	-4.6	-4.3	-4.2	-4.0	-3.6	-4.3	-4.0	-3.9	-3.6	-3.2
	6H	-4.6	-4.3	-4.2	-3.9	-3.5	-4.4	-4.1	-3.9	-3.7	-3.2
	8H	-4.6	-4.3	-4.1	-3.9	-3.5	-4.4	-4.1	-3.9	-3.7	-3.3
	12H	-4.6	-4.4	-4.1	-3.9	-3.5	-4.4	-4.2	-4.0	-3.8	-3.3
8H	4H	-4.7	-4.4	-4.3	-4.0	-3.6	-4.1	-3.8	-3.7	-3.4	-3.0
	6H	-4.6	-4.4	-4.2	-4.0	-3.5	-4.1	-3.9	-3.6	-3.4	-3.0
	8H	-4.6	-4.4	-4.1	-3.9	-3.4	-4.1	-3.9	-3.6	-3.5	-3.0
	12H	-4.6	-4.4	-4.1	-3.9	-3.4	-4.1	-3.9	-3.6	-3.5	-2.9
12H	4H	-4.7	-4.5	-4.3	-4.1	-3.6	-4.1	-3.8	-3.6	-3.4	-2.9
	6H	-4.7	-4.5	-4.2	-4.0	-3.5	-4.0	-3.9	-3.6	-3.4	-2.9
	8H	-4.6	-4.4	-4.1	-3.9	-3.4	-4.0	-3.9	-3.5	-3.4	-2.9
Variations with the observer position at spacing:											
S =		1.0H	4.0 / -2.7				3.9 / -2.3				
		1.5H	6.5 / -3.7				6.3 / -3.3				
		2.0H	8.4 / -4.4				8.2 / -3.9				