

Last information update: May 2025

Product configuration: UF55.15

UF55.15: 27 Surface Full Remote - Warm White - 48 Vdc - L=1511mm - Flood optic - 19.1W 1579.5lm - 2200K - Grey



Product code

UF55.15: 27 Surface Full Remote - Warm White - 48 Vdc - L=1511mm - Flood optic - 19.1W 1579.5lm - 2200K - 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)

1.71

Mounting

wall arm|wall surface|ceiling surface

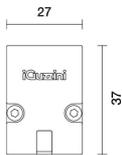
Wiring

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

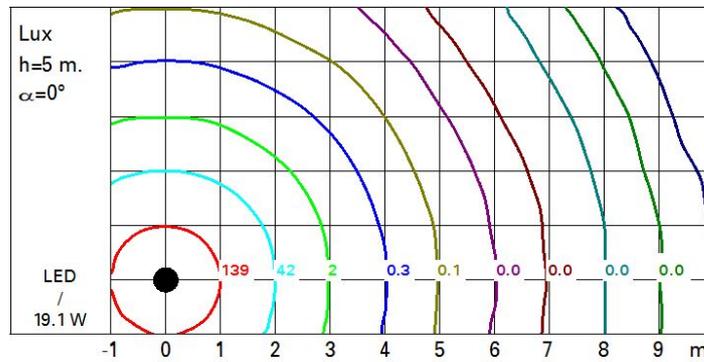
lm system:	1580	MacAdam Step:	3
W system:	19.1	Life Time LED 1:	100,000h - L85 - B10 (Ta 25°C)
lm source:	2430	Life Time LED 2:	100,000h - L85 - B10 (Ta 40°C)
W source:	15	Voltage [Vin]:	48
Luminous efficiency (lm/W, real value):	82.7	Lamp code:	LED
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	65	Number of optical assemblies:	1
Beam angle [°]:	34°	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	LED current [mA]:	40
Colour temperature [K]:	2200	Control:	PWM

Polar

Imax=5068 cd		C5-185		Lux			
90°	180°	90°	h	d1	d2	Em	Emax
			2	1.2	1.2	975	1266
			4	2.4	2.4	244	316
			6	3.6	3.7	108	141
			8	4.9	4.9	61	79

$\alpha = 34^\circ$

Isolux



UGR diagram

Corrected UGR values (at 2430 lm bare lamp luminous flux)											
Reflect.:		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
ceiling/cav											
walls											
work pl.											
Room dim		viewed crosswise					viewed endwise				
x	y										
2H	2H	-5.4	-4.8	-5.1	-4.6	-4.4	-5.2	-4.6	-4.9	-4.4	-4.2
	3H	-5.3	-4.8	-5.0	-4.5	-4.3	-5.2	-4.7	-4.9	-4.4	-4.2
	4H	-5.2	-4.8	-4.9	-4.5	-4.2	-5.2	-4.8	-4.9	-4.5	-4.2
	6H	-5.2	-4.8	-4.9	-4.5	-4.2	-5.3	-4.9	-4.9	-4.5	-4.2
	8H	-5.2	-4.8	-4.9	-4.5	-4.2	-5.3	-4.9	-4.9	-4.6	-4.2
	12H	-5.2	-4.9	-4.9	-4.5	-4.2	-5.3	-5.0	-5.0	-4.6	-4.3
4H	2H	-5.4	-5.0	-5.1	-4.7	-4.4	-4.9	-4.5	-4.6	-4.2	-3.9
	3H	-5.2	-4.9	-4.9	-4.5	-4.2	-4.9	-4.5	-4.5	-4.2	-3.8
	4H	-5.2	-4.9	-4.8	-4.5	-4.1	-4.9	-4.5	-4.5	-4.2	-3.8
	6H	-5.2	-4.9	-4.7	-4.5	-4.1	-4.9	-4.6	-4.5	-4.2	-3.8
	8H	-5.1	-4.9	-4.7	-4.5	-4.0	-4.9	-4.7	-4.5	-4.2	-3.8
	12H	-5.1	-4.9	-4.7	-4.5	-4.0	-5.0	-4.7	-4.5	-4.3	-3.8
8H	4H	-5.2	-5.0	-4.8	-4.6	-4.1	-4.7	-4.4	-4.2	-4.0	-3.5
	6H	-5.2	-5.0	-4.7	-4.5	-4.0	-4.6	-4.4	-4.2	-4.0	-3.5
	8H	-5.1	-4.9	-4.6	-4.5	-4.0	-4.7	-4.5	-4.2	-4.0	-3.5
	12H	-5.1	-4.9	-4.6	-4.5	-3.9	-4.7	-4.5	-4.2	-4.0	-3.5
12H	4H	-5.3	-5.0	-4.8	-4.6	-4.2	-4.6	-4.4	-4.2	-4.0	-3.5
	6H	-5.2	-5.0	-4.7	-4.5	-4.0	-4.6	-4.4	-4.1	-3.9	-3.4
	8H	-5.1	-5.0	-4.6	-4.5	-4.0	-4.6	-4.4	-4.1	-3.9	-3.4
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					