iGuzzini

Last information update: April 2025

Product configuration: UF20.15

UF20.15: 27 Surface Full Remote - Warm White - 48 Vdc - L=1216mm - Flood optic - 15.3W 1443lm - 2700K - Grey

Product code

UF20.15: 27 Surface Full Remote - Warm White - 48 Vdc - L=1216mm - Flood optic - 15.3W 1443lm - 2700K - 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 (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 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.

Mounting		

wall arm|wall surface|ceiling surface

Wiring

Colour

Grey (15)

Installation

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.

Weight (Kg)

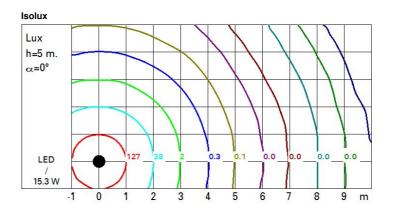
1.38

						C	complies wi	th EN60598-1 and pertinent regulations
 IK06	IP66	CE	UK	Æ03	8		1014	PEP eco PASS PORT.

Technical data					
Im system:	1443	MacAdam Step:	3		
W system:	15.3	Life Time LED 1:	100,000h - L85 - B10 (Ta 25°C)		
Im source:	2220	Life Time LED 2:	100,000h - L85 - B10 (Ta 40°C)		
W source:	12	Voltage [Vin]:	48		
Luminous efficiency (Im/W,	94.3	Lamp code:	LED		
real value):		Number of lamps for optical	1		
Im in emergency mode:	-	assembly:			
Total light flux at or above	0	ZVEI Code:	LED		
an angle of 90° [Lm]:		Number of optical	1		
Light Output Ratio (L.O.R.)	65	assemblies:			
[%]:		Intervallo temperatura	from -30°C to 50°C.		
Beam angle [°]:	34°	ambiente:			
CRI (minimum):	80	LED current [mA]:	40		
Colour temperature [K]:	2700	Control:	PWM		

Polar

lmax=4630 cd	C5-185	Lux				
90°	90°	h	d1	d2	Em	Emax
	\Box	2	1.2	1.2	891	1156
XXX	\square	4	2.4	2.4	223	289
5000	\sum	6	3.6	3.7	99	128
α=34°	$\boldsymbol{\times}$	8	4.9	4.9	56	72



UGR diagram

: / I. dim y 2H 3H 4H 6H 8H 12H 2H 3H 4H 6H 8H	0.70 0.50 0.20 -4.9 -4.8 -4.8 -4.8 -4.8 -4.8 -4.8 -4.8 -4.8	0.70 0.30 0.20 -4.4 -4.3 -4.4 -4.4 -4.4 -4.4 -4.4 -4.4	0.50 0.50 0.20 viewed crosswis -4.6 -4.5 -4.5 -4.4 -4.4 -4.4 -4.4 -4.4 -4.3		0.30 0.30 0.20 -3.9 -3.8 -3.8 -3.7 -3.7 -3.7 -3.7 -3.9 -3.7	0.70 0.50 0.20 -4.7 -4.7 -4.7 -4.8 -4.8 -4.9 -4.5 -4.4	-4.2 -4.2	0.50 0.20 viewed endwise -4.4 -4.4 -4.4 -4.5 -4.5 -4.5 -4.5 -4.2 -4.0	0.50 0.30 0.20 -4.0 -4.0 -4.1 -4.1 -4.1 -4.2 -3.8 -3.7	0.30 0.30 0.20 -3.7 -3.7 -3.7 -3.8 -3.8 -3.8 -3.8 -3.5 -3.4
dim y 2H 3H 4H 6H 12H 2H 3H 4H 6H	0.20 -4.9 -4.8 -4.8 -4.8 -4.8 -4.8 -4.8 -4.9 -4.8 -4.7 -4.7	0.20 -4.4 -4.3 -4.4 -4.4 -4.4 -4.4 -4.5 -4.4 -4.4	0.20 viewed crosswis -4.6 -4.5 -4.5 -4.4 -4.4 -4.4 -4.6 -4.4	0.20 e -4.2 -4.1 -4.1 -4.1 -4.1 -4.1 -4.2 -4.1	0.20 -3.9 -3.8 -3.8 -3.7 -3.7 -3.7 -3.9 -3.7	0.20 -4.7 -4.7 -4.7 -4.8 -4.8 -4.9 -4.5	-4.2 -4.2 -4.3 -4.4 -4.4 -4.5 -4.0	0.20 viewed endwise -4.4 -4.4 -4.5 -4.5 -4.5 -4.2	-4.0 -4.0 -4.0 -4.1 -4.1 -4.2 -3.8	0.20 -3.7 -3.7 -3.8 -3.8 -3.8 -3.8
dim y 2H 3H 4H 6H 12H 2H 3H 4H 6H	-4.9 -4.8 -4.8 -4.8 -4.8 -4.8 -4.8 -4.9 -4.8 -4.9 -4.8 -4.7 -4.7	-4.4 -4.3 -4.4 -4.4 -4.4 -4.4 -4.5 -4.4 -4.4	viewed crosswis -4.6 -4.5 -4.5 -4.4 -4.4 -4.4 -4.6 -4.6 -4.4	e -42 -4.1 -4.1 -4.1 -4.1 -4.1 -4.1 -4.2 -4.1	-3.9 -3.8 -3.8 -3.7 -3.7 -3.7 -3.9 -3.7	0.20 -4.7 -4.7 -4.7 -4.8 -4.8 -4.9 -4.5	-4.2 -4.2 -4.3 -4.4 -4.4 -4.5 -4.0	viewed endwise -4.4 -4.4 -4.5 -4.5 -4.5 -4.2	-4.0 -4.0 -4.1 -4.1 -4.2 -3.8	-3.7 -3.7 -3.7 -3.8 -3.8 -3.8 -3.8
У 2H 3H 6H 8H 12H 2H 3H 4H 6H	-4.8 -4.8 -4.8 -4.8 -4.8 -4.8 -4.9 -4.8 -4.7 -4.7	-4.4 -4.3 -4.4 -4.4 -4.4 -4.4 -4.4 -4.5 -4.4	-4.6 -4.5 -4.5 -4.4 -4.4 -4.4 -4.4 -4.6 -4.4	e -4.2 -4.1 -4.1 -4.1 -4.1 -4.1 -4.1 -4.2 -4.1	-3.8 -3.8 -3.7 -3.7 -3.7 -3.9 -3.7	-4.7 -4.7 -4.8 -4.8 -4.9 -4.5	-4.2 -4.2 -4.3 -4.4 -4.4 -4.5	endwise -4.4 -4.4 -4.5 -4.5 -4.5 -4.5 -4.5	-4.0 -4.0 -4.1 -4.1 -4.2 -3.8	-3.7 -3.7 -3.8 -3.8 -3.8
2H 3H 4H 6H 8H 12H 2H 3H 4H 6H	-4.8 -4.8 -4.8 -4.8 -4.8 -4.8 -4.9 -4.8 -4.7 -4.7	-4.4 -4.3 -4.4 -4.4 -4.4 -4.4 -4.4 -4.5 -4.4	-4.6 -4.5 -4.5 -4.4 -4.4 -4.4 -4.6 -4.4	-42 -4.1 -4.1 -4.1 -4.1 -4.1 -4.1 -4.2 -4.1	-3.8 -3.8 -3.7 -3.7 -3.7 -3.9 -3.7	-4.7 -4.7 -4.8 -4.8 -4.9 -4.5	-4.2 -4.2 -4.3 -4.4 -4.4 -4.5	-4.4 -4.4 -4.5 -4.5 -4.5 -4.5	-4.0 -4.0 -4.1 -4.1 -4.2 -3.8	-3.7 -3.7 -3.8 -3.8 -3.8
3H 4H 6H 8H 12H 2H 3H 4H 6H	-4.8 -4.8 -4.8 -4.8 -4.8 -4.8 -4.9 -4.8 -4.7 -4.7	-4.3 -4.4 -4.4 -4.4 -4.4 -4.5 -4.4 -4.4	-4.5 -4.5 -4.4 -4.4 -4.4 -4.4 -4.6 -4.4	-4.1 -4.1 -4.1 -4.1 -4.1 -4.1 -4.2 -4.1	-3.8 -3.8 -3.7 -3.7 -3.7 -3.9 -3.7	-4.7 -4.7 -4.8 -4.8 -4.9 -4.5	-4.2 -4.3 -4.4 -4.4 -4.5 -4.0	-4.4 -4.4 -4.5 -4.5 -4.5 -4.2	-4.0 -4.0 -4.1 -4.1 -4.2 -3.8	-3.7 -3.7 -3.8 -3.8 -3.8
4H 6H 8H 12H 2H 3H 4H 6H	-4.8 -4.8 -4.8 -4.8 -4.9 -4.9 -4.8 -4.7 -4.7	-4.4 -4.4 -4.4 -4.5 -4.5 -4.4 -4.4	-4.5 -4.4 -4.4 -4.4 -4.6 -4.4	-4.1 -4.1 -4.1 -4.1 -4.2 -4.1	-3.8 -3.7 -3.7 -3.7 -3.7 -3.9 -3.7	-4.7 -4.8 -4.8 -4.9 -4.5	-4.3 -4.4 -4.4 -4.5 -4.0	-4.4 -4.5 -4.5 -4.5 -4.2	-4.0 -4.1 -4.1 -4.2 -3.8	-3.7 -3.8 -3.8 -3.8 -3.8
6H 8H 12H 2H 3H 4H 6H	-4.8 -4.8 -4.8 -4.9 -4.8 -4.7 -4.7	-4.4 -4.4 -4.4 -4.5 -4.4 -4.4	-4.4 -4.4 -4.4 -4.6 -4.4	-4.1 -4.1 -4.1 -4.2 -4.1	-3.7 -3.7 -3.7 -3.9 -3.7	-4.8 -4.8 -4.9 -4.5	-4.4 -4.4 -4.5 -4.0	-4.5 -4.5 -4.5	-4.1 -4.1 -4.2 -3.8	-3.8 -3.8 -3.8
8H 12H 2H 3H 4H 6H	-4.8 -4.8 -4.9 -4.8 -4.7 -4.7	-4.4 -4.4 -4.5 -4.4 -4.4	-4.4 -4.4 -4.6 -4.4	-4.1 -4.1 -4.2 -4.1	-3.7 -3.7 -3.9 -3.7	-4.8 -4.9 -4.5	-4.4 -4.5 -4.0	-4.5 -4.5 -4.2	-4.1 -4.2 -3.8	-3.8 -3.8 -3.5
12H 2H 3H 4H 6H	-4.8 -4.9 -4.8 -4.7 -4.7	-4.4 -4.5 -4.4 -4.4	-4.4 -4.6 -4.4	-4.1 -4.2 -4.1	-3.7 -3.9 -3.7	-4.9 -4.5	-4.5 -4.0	-4.5 -4.2	-4.2 -3.8	-3.8 -3.5
2H 3H 4H 6H	-4.9 -4.8 -4.7 -4.7	-4.5 -4.4 -4.4	-4.6 -4.4	-4.2 -4.1	-3.9 -3.7	-4.5	-4.0	-4.2	-3.8	-3.5
3H 4H 6H	-4.8 -4.7 -4.7	-4.4 -4.4	-4.4	-4.1	-3.7					
4H 6H	-4.7 -4.7	-4.4				-4.4	-4.0	-4.0	-3.7	-34
6H	-4.7	10000 000	-4.3	-40						-0.4
		11		-4.0	-3.7	-4.4	-4.1	-4.0	-3.7	-3.3
H8		-4.4	-4.3	-4.0	-3.6	-4.4	-4.2	-4.0	-3.8	-3.3
	-4.7	-4.4	-4.2	-4.0	-3.6	-4.5	-4.2	-4.0	-3.8	-3.4
12H	-4.7	-4.4	-4.2	-4.0	-3.6	-4.5	-4.3	-4.1	-3.8	-3.4
4H	-4.8	-4.5	-4.4	-4.1	-3.7	-4.2	-3.9	-3.8	-3.5	-3.1
6H	-4.7	-4.5	-4.3	-4.1	-3.6	-4.2	-4.0	-3.7	-3.5	-3.1
8H	-4.7	-4.5	-4.2	-4.0	-3.5	-4.2	-4.0	-3.7	-3.5	-3.1
12H	-4.7	-4.5	-4.2	-4.0	-3.5	-4.2	-4.0	-3.7	-3.6	-3.0
4H	-4.8	-4.6	-4.4	-4.2	-3.7	-4.2	-3.9	-3.7	-3.5	-3.0
6H	-4.8	-4.6	-4.3			-4.1			-3.5	-3.0
8H	-4.7	-4.5	-4.2	-4.0	-3.5	-4.1	-4.0	-3.6	-3.5	-3.0
ons wi	th the ol	pserverp	osition	at spacir	ng:	0.0				
1.0H		4	4.0 / -2	.7			3	.9 / -2.	3	
		6	3.5 / -3	.7			6	.3 / -3.	.3	
6 8 9 0 1.0	H H B Wi	H -4.8 H -4.7 S with the of H	H -4.8 -4.6 H -4.7 -4.5 a with the observer p H -4 H -6	H -4.8 -4.6 -4.3 H -4.7 -45 -4.2 S with the observer position H 4.0 / -2 H 0.5 / -3	H -4.8 -4.6 -4.3 -4.1 H -4.7 -45 -42 -4.0 B with the observer position at spacin H 4.0 / -2.7 H 6.5 / -3.7	H -4.8 -4.6 -4.3 -4.1 -3.6 H -4.7 -4.5 -4.2 -4.0 -3.5 B with the observer position at spacing: H 4.0 / -2.7 H 6.5 / -3.7	H -4.8 -4.6 -4.3 -4.1 -3.6 -4.1 H -4.7 -4.5 -4.2 -4.0 -3.5 -4.1 e with the observer position at spacing: H 4.0 / -2.7 H 6.5 / -3.7	H -4.8 -4.0 -4.3 -4.1 -3.0 -4.1 -3.9 H -4.7 -4.5 -4.2 -4.0 -3.5 -4.1 -4.0 with the observer position at spacing: H 4.0 / -2.7 3 H 0.5 / -3.7 0	H -4.8 -4.0 -4.3 -4.1 -3.0 -4.1 -3.9 -3.7 H -4.7 -4.5 -4.2 -4.0 -3.5 -4.1 -4.0 -3.6 with the observer position at spacing: H 4.0 / -2.7 3.9 / -2. H 0.5 / -3.7 0.3 / -3.	H -4.8 -4.0 -4.3 -4.1 -3.0 -4.1 -3.9 -3.7 -3.5 H -4.7 -4.5 -4.2 -4.0 -3.5 -4.1 -4.0 -3.6 -3.5 With the observer position at spacing: IH 4.0 / -2.7 3.9 / -2.3 3.9 / -2.3 IH 0.5 / -3.7 0.3 / -3.3 -3.5