iGuzzini

Last information update: May 2025

#### Product configuration: E142+X203.04

E142: Recessed floor fitting Earth D=200 mm - Warm White - Adjustable Spot optic - DALI X203.04: Plastic casing for installation on floors + end cap - Black

### Product code

E142: Recessed floor fitting Earth D=200 mm - Warm White - Adjustable Spot optic - DALI

## Technical description

Recessed luminaire applicable to the floor or ground, designed for fitting monochrome white LED sources, for illumination, adjustable optic, with DALI dimmable incorporated electronic control gear. The round frame has a diameter D=200 mm; the body and frame are made of AISI 304 stainless steel with sodium-calcium extra clear glass, thickness 15 mm. Stainless steel body coated with black paint. The luminaire is secured to the outer casing by means of two TORX-type screws that ensure proper anchoring. Inclusive of LED circuit, methacrylate lens and black plastic cover. The luminaire is supplied with an external orientation system (patent pending), without having to open the product, inclusive of double graduated scale: 0-30° with respect to horizontal plane and ±90° with respect to vertical axis. Black plastic (PPS) external box containing the power supply unit. The product is wired using an A2 stainless steel cable gland, with type A07RNF 4x1 mm<sup>2</sup> outgoing power cord having L=1200 mm. The cable is equipped with an anti-transpiration device (IP68) consisting of a silicone seal placed on the power cable and housed inside the power supply box. The outer casing for installation can be ordered separately from the plastic optical assembly. The assembly made up of the frame, optical assembly and outer casing guarantees 5000 kg resistance to static loads. Maximum glass surface temperature is lower than 40°C.

# Installation

The product is secured to the outer casing by means of two TORX-type screws. The luminaire can be installed recessed, floorstanding, using an outer casing or on the ground.

Steel (13	Colour Steel (13)			Weight (Kg) 3.4					
Mountin Floor rec	<b>g</b> essed grour	nd recessed	ł						
with outg	nclusive of 2 oing cable.	220-240 VA	C DALI dir	nmable elec	ctronic control gear	positioned in a separate	box from th	e optical as	sembl
Notes	<i>.</i> .								
IP68 deg					0	nectors * The product is de, 3,5KV differenzial m Complies wit			
IP68 deg					n: 4KV Common mo	de, 3,5KV differenzial m Complies wit	node th EN60598-1		

t ud to 5 rive-over bv veni subjected to horizontal stresses due to acceleration, braking and / or changes of direction.

#### Accessory code

X203.04: Plastic casing for installation on floors + end cap - Black

# Technical description

Made of plastic (polypropylene). Inclusive of front cap with system for extracting the cables and double cable entry.

Installation Floor-standing (concrete)

Colour Black (04) Weight (Kg) 1 38

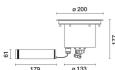
### Mounting

ground surface|Floor recessed|ground recessed

Complies with EN60598-1 and pertinent regulations



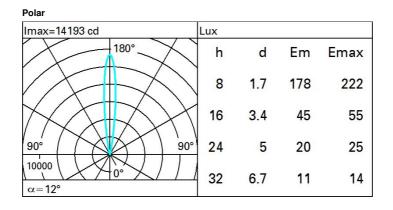




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Technical data					
Im system:	847	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)		
W system:	12.1	Lamp code:	LED		
Im source:	1540	Number of lamps for optical	1		
W source:	10	assembly:			
Luminous efficiency (Im/W,	70	ZVEI Code:	LED		
real value):		Number of optical	1		
Im in emergency mode:	-	assemblies:			
Total light flux at or above an angle of 90° [Lm]:	847	Intervallo temperatura ambiente:	from -25°C to 50°C.		
Light Output Ratio (L.O.R.)	55	Power factor:	See installation instructions		
[%]:		Inrush current:	9 A / 329 μs		
Beam angle [°]:	12°	Maximum number of			
CRI (minimum):	80	luminaires of this type per	B10A: 22 luminaires		
Colour temperature [K]:	3000	miniature circuit breaker:	B16A: 35 luminaires		
MacAdam Step:	2		C10A: 36 luminaires		
Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)		C16A: 59 luminaires		
		Minimum dimming %:	1		
		Overvoltage protection:	2kV Common mode & 1kV Differential mode		
		Control:	DALI-2		



# UGR diagram

/ I. dim y 2H 3H 4H 6H 8H 12H 2H 3H 4H 6H	0.70 0.50 0.20 -0.3 -0.4 -0.4 -0.4 -0.4 -0.5 -0.6 -0.3 -0.5 -0.8	1.7 0.8 0.4 0.1 0.2 0.2 0.5 0.3	0.50 0.50 0.20 viewed crosswis 0.0 -0.0 -0.0 -0.1 -0.2 0.0 -0.1	e 2.0 1.1 0.7 0.4 0.5 0.6 0.8	0.30 0.30 0.20 2.3 1.4 1.1 0.8 0.8 1.0	0.70 0.50 0.20 -0.3 -0.3 -0.3 -0.4 -0.4 -0.6	1.7 0.9 0.5 0.2 0.2 0.3	0.50 0.20 viewed endwise 0.0 0.0 0.0 0.0 0.0 -0.1 -0.2	0.50 0.30 0.20 2.0 1.2 0.8 0.5 0.5 0.5	0.30 0.30 0.20 2.3 1.5 1.1 0.8 0.9 1.0
dim y 2H 3H 4H 6H 8H 12H 2H 3H 4H	0.20 -0.3 -0.4 -0.4 -0.4 -0.5 -0.6 -0.3 -0.5	0.20 1.7 0.8 0.4 0.1 0.2 0.2 0.5 0.3	0.20 viewed crosswis 0.0 -0.0 -0.0 -0.0 -0.1 -0.2 0.0	0.20 e 2.0 1.1 0.7 0.4 0.5 0.6 0.8	0.20 2.3 1.4 1.1 0.8 0.8 1.0	0.20 -0.3 -0.3 -0.4 -0.4 -0.6	0.20 1.7 0.9 0.5 0.2 0.2 0.3	0.20 viewed endwise 0.0 0.0 0.0 0.0 0.0 -0.1	0.20 2.0 1.2 0.8 0.5 0.5	0.20 2.3 1.5 1.1 0.8 0.9
dim y 2H 3H 4H 6H 8H 12H 2H 3H 4H	-0.3 -0.4 -0.4 -0.5 -0.6 -0.3 -0.5	1.7 0.8 0.4 0.1 0.2 0.2 0.5 0.3	viewed crosswisi 0.0 -0.0 -0.0 -0.0 -0.1 -0.2 0.0	e 2.0 1.1 0.7 0.4 0.5 0.6 0.8	2.3 1.4 1.1 0.8 0.8 1.0	0.20 -0.3 -0.3 -0.4 -0.4 -0.6	1.7 0.9 0.5 0.2 0.2 0.3	0.20 viewed endwise 0.0 0.0 0.0 0.0 0.0 -0.1	2.0 1.2 0.8 0.5 0.5	2.3 1.5 1.1 0.8 0.9
У 2H 3H 4H 6H 8H 12H 2H 3H 4H	-0.4 -0.4 -0.5 -0.6 -0.3 -0.5	1.7 0.8 0.4 0.1 0.2 0.2 0.5 0.3	0.0 -0.0 -0.0 -0.0 -0.0 -0.1 -0.2 0.0	e 2.0 1.1 0.7 0.4 0.5 0.6 0.8	1.4 1.1 0.8 0.8 1.0	-0.3 -0.3 -0.4 -0.4 -0.6	1.7 0.9 0.5 0.2 0.2 0.3	0.0 0.0 0.0 0.0 0.0 -0.1	2.0 1.2 0.8 0.5 0.5	1.5 1.1 0.8 0.9
2H 3H 4H 6H 8H 12H 2H 3H 4H	-0.4 -0.4 -0.5 -0.6 -0.3 -0.5	1.7 0.8 0.4 0.1 0.2 0.2 0.5 0.3	0.0 -0.0 -0.0 -0.0 -0.1 -0.2 0.0	2.0 1.1 0.7 0.4 0.5 0.6	1.4 1.1 0.8 0.8 1.0	-0.3 -0.3 -0.4 -0.4 -0.6	1.7 0.9 0.5 0.2 0.2 0.3	0.0 0.0 0.0 0.0 -0.1	2.0 1.2 0.8 0.5 0.5	1.5 1.1 0.8 0.9
3H 4H 6H 8H 12H 2H 3H 4H	-0.4 -0.4 -0.5 -0.6 -0.3 -0.5	0.8 0.4 0.1 0.2 0.2 0.5 0.3	-0.0 -0.0 -0.0 -0.1 -0.2	1.1 0.7 0.4 0.5 0.6	1.4 1.1 0.8 0.8 1.0	-0.3 -0.3 -0.4 -0.4 -0.6	0.9 0.5 0.2 0.2 0.3	0.0 0.0 0.0 -0.1	1.2 0.8 0.5 0.5	1.5 1.1 0.8 0.9
4H 6H 8H 12H 2H 3H 4H	-0.4 -0.4 -0.5 -0.6 -0.3 -0.5	0.4 0.1 0.2 0.2 0.5 0.3	-0.0 -0.0 -0.1 -0.2	0.7 0.4 0.5 0.6	1.1 0.8 0.8 1.0	-0.3 -0.4 -0.4 -0.6	0.5 0.2 0.2 0.3	0.0 0.0 -0.1	0.8 0.5 0.5	1.1 0.8 0.9
6H 8H 12H 2H 3H 4H	-0.4 -0.5 -0.6 -0.3 -0.5	0.1 0.2 0.2 0.5 0.3	-0.0 -0.1 -0.2	0.4 0.5 0.6 0.8	0.8 0.8 1.0	-0.4 -0.4 -0.6	0.2 0.2 0.3	0.0	0.5 0.5	8.0 9.0
8H 12H 2H 3H 4H	-0.5 -0.6 -0.3 -0.5	0.2 0.2 0.5 0.3	-0.1 -0.2 0.0	0.5 0.6 0.8	0.8 1.0	-0.4 -0.6	0.2 0.3	-0.1	0.5	0.9
12H 2H 3H 4H	-0.6 -0.3 -0.5	0.2 0.5 0.3	-0.2 0.0	0.6 0.8	1.0	-0.6	0.3			
2H 3H 4H	-0.3 -0.5	0.5 0.3	0.0	8.0			(99)	-0.2	0.6	1.0
3H 4H	-0.5	0.3			1.1	0.4				
4H	1.25		-0.1			-0.4	0.4	-0.0	0.7	1.1
-	-0.8			0.7	1.0	-0.5	0.3	-0.1	0.7	1.0
6H		0.5	-0.3	0.9	1.3	8.0-	0.5	-0.3	0.9	1.3
	-1.1	0.7	-0.6	1.2	1.7	-1.1	0.7	-0.6	1.2	1.7
H8	-1.2	0.7	-0.7	1.2	1.7	-1.2	0.7	-0.7	1.2	1.7
12H	-1.2	0.6	-0.7	1.1	1.6	-1.3	0.6	8.0-	1.1	1.0
4H	-1.2	0.7	-0.7	1.2	1.7	-1.2	0.7	-0.7	1.2	1.7
6H	-1.2	0.4	-0.7	8.0	1.4	-1.2	0.4	-0.7	0.9	1.4
8H	-1.1	0.0	-0.6	0.5	1.0	-1.1	0.0	-0.6	0.5	1.0
12H	- <mark>1.</mark> 0	-0.3	-0.4	0.2	0.7	-1.0	-0.3	-0.5	0.2	0.7
4H	-1.3	0.6	8.0 <mark>-</mark>	1.1	1.6	-1.2	0.6	-0.7	1.1	1.6
6H	-1.1	0.0	-0.6	0.5	1.0	-1.1	0.0	-0.6	0.5	1.1
8H	-1.0	-0.3	-0.5	0.2	0.7	-1.0	-0.3	-0.4	0.2	0.7
ons wi	th the ol	bserverp	osition a	at spacir	ig:	0.0				
1.0H		2	.6 / -4	.1			2	.6 / -4.	1	
1.5H		5	.0 / -9	9			5	.0 / -9.	9	
1	6H 8H 12H 4H 6H 8H .0H	6H -1.2   8H -1.1   12H -1.0   4H -1.3   6H -1.1   8H -1.0   ns with the ol   .0H   .5H	6H -1.2 0.4   8H -1.1 0.0   12H -1.0 -0.3   4H -1.3 0.6   6H -1.1 0.0   8H -1.3 0.6   6H -1.1 0.0   8H -1.0 -0.3   ns with the observer p .0H 2   .0H 2 .5H 5	6H -1.2 0.4 -0.7   8H -1.1 0.0 -0.6   12H -1.0 -0.3 -0.4   4H -1.3 0.6 -0.8   6H -1.1 0.0 -0.6   8H -1.1 0.0 -0.6   8H -1.1 0.0 -0.6   8H -1.0 -0.3 -0.5   ns with the observer position .0H 2.6 / -4   .0H 2.6 / -4 .5H 5.0 / -9	6H -1.2 0.4 -0.7 0.8   8H -1.1 0.0 -0.6 0.5   12H -1.0 -0.3 -0.4 0.2   4H -1.3 0.6 -0.8 1.1   6H -1.1 0.0 -0.6 0.5   8H -1.1 0.0 -0.6 0.5   8H -1.1 0.0 -0.6 0.5   8H -1.0 -0.3 -0.5 0.2   ns with the observer position at spacin .0H 2.6 / -4.1 .0H   .0H 2.6 / -9.9 -9.9 .0H .0H	6H -1.2 0.4 -0.7 0.8 1.4   8H -1.1 0.0 -0.6 0.5 1.0   12H -1.0 -0.3 -0.4 0.2 0.7   4H -1.3 0.6 -0.8 1.1 1.6   6H -1.1 0.0 -0.6 0.5 1.0   8H -1.1 0.0 -0.6 0.5 1.0   8H -1.1 0.0 -0.6 0.5 1.0   8H -1.0 -0.3 -0.5 0.2 0.7	6H -1.2 0.4 -0.7 0.8 1.4 -1.2   8H -1.1 0.0 -0.6 0.5 1.0 -1.1   12H -1.0 -0.3 -0.4 0.2 0.7 -1.0   4H -1.3 0.6 -0.8 1.1 1.6 -1.2   6H -1.1 0.0 -0.6 0.5 1.0 -1.1   8H -1.0 -0.3 -0.6 0.5 1.0 -1.1   8H -1.0 -0.3 -0.5 0.2 0.7 -1.0   9H -1.1 0.0 -0.6 0.5 1.0 -1.1   8H -1.0 -0.3 -0.5 0.2 0.7 -1.0   9H -1.0 -0.3 -0.5 0.2 0.7 -1.0	0H -1.2 0.4 -0.7 0.8 1.4 -1.2 0.4   8H -1.1 0.0 -0.6 0.5 1.0 -1.1 0.0   12H -1.0 -0.3 -0.4 0.2 0.7 -1.0 -0.3   4H -1.3 0.6 -0.8 1.1 1.6 -1.2 0.6   6H -1.1 0.0 -0.5 0.5 1.0 -1.0 -0.3   4H -1.3 0.6 -0.8 1.1 1.6 -1.2 0.6   6H -1.1 0.0 -0.5 0.5 1.0 -1.1 0.0   8H -1.0 -0.3 -0.5 0.2 0.7 -1.0 -0.3   ns with the observer position at spacing:    2.6 / -4.1 2   .0H 2.6 / -4.1 2  5.0 / -9.9 5	0H -1.2 0.4 -0.7 0.8 1.4 -1.2 0.4 -0.7   8H -1.1 0.0 -0.6 0.5 1.0 -1.1 0.0 -0.6   12H -1.0 -0.3 -0.4 0.2 0.7 -1.0 -0.3 -0.5   4H -1.3 0.6 -0.8 1.1 1.6 -1.2 0.6 -0.7   6H -1.1 0.0 -0.6 0.5 1.0 -1.1 0.0 -0.6   8H -1.0 -0.3 -0.5 0.2 0.7 -1.0 -0.3 -0.5   8H -1.0 -0.3 -0.5 0.2 0.7 -1.0 -0.3 -0.4   ns with the observer position at spacing: .0H 2.6 / -4.1 2.6 / -4.1 2.6 / -4.1   .5H 5.0 / -9.9 5.0 / -9.5 5.0 / -9.5 .50 / -9.5 .50 / -9.5	0H -1.2 0.4 -0.7 0.8 1.4 -1.2 0.4 -0.7 0.9   8H -1.1 0.0 -0.6 0.5 1.0 -1.1 0.0 -0.6 0.5   12H -1.0 -0.3 -0.4 0.2 0.7 -1.0 -0.3 -0.5 0.2   4H -1.3 0.6 -0.8 1.1 1.6 -1.2 0.6 -0.7 1.1   6H -1.1 0.0 -0.6 0.5 1.0 -1.1 0.0 -0.6 0.5   8H -1.0 -0.3 -0.5 0.2 0.7 -1.0 -0.3 -0.5 0.2   9H -1.1 0.0 -0.6 0.5 1.0 -1.1 0.0 -0.6 0.5   8H -1.0 -0.3 -0.5 0.2 0.7 -1.0 -0.3 -0.4 0.2   ns with the observer position at spacing:   2.6 / -4.1  2.6 / -4.1