

Last information update: May 2024

Product configuration: ME95+9689.15

ME95: iplan - 300 x 1200 mm h 26 mm - warm white LED - DALI control gear - general light optic

9689.15: Adapter for installation in plasterboard false ceilings - Grey

**Product code**ME95: iplan - 300 x 1200 mm h 26 mm - warm white LED - DALI control gear - general light optic **Attention! Code no longer in production****Technical description**

Direct emission recessed or ceiling-mounted luminaire designed to use warm white 3000K high colour rendering LEDs. The optical assembly consists of an anodised extruded frame, a methacrylate diffuser screen for general light emission and a painted sheet metal rear closing base. The LEDs are arranged inside the perimeter and the driver is housed in the product.

Installation

Recessed in plasterboard false ceilings (using accessory frame), in false ceilings with frame. Possibility of ceiling-mounting using kit to be ordered separately as an accessory

Colour

Grey (15)

Weight (Kg)

7.2

Mounting

ceiling pendant

Wiring

product complete with DALI electronic components

Complies with EN60598-1 and pertinent regulations



IP20

IP43

On the visible part of the product once installed

**Accessory code**

9689.15: Adapter for installation in plasterboard false ceilings - Grey

Technical description

Adapter for installation in plasterboard false ceilings

Colour

Aluminium (12)

Notes

Only for 296x1196 rectangular versions

Complies with EN60598-1 and pertinent regulations

Technical data

Im system:	4198	Colour temperature [K]:	3000
W system:	39.3	MacAdam Step:	3
Im source:	5750	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
W source:	35	Lamp code:	LED
Luminous efficiency (Im/W, real value):	106.8	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	73	Control:	DALI
CRI (minimum):	80		

Imax=1502 cd C0-180

90° 180° 90°

1500

0°

CIE
 nL 0.73
 48-79-96-100-73
 UGR 22.1-21.5

DIN
 A.41

UTE
 0.73E+0.00T
 F"1=476
 F"1+F"2=789
 F"1+F"2+F"3=955

	R	77	75	73	71	55	53	33	00	DRR
K0.8	48	40	35	31	39	34	34	29	39	
1.0	53	46	40	36	44	40	39	34	47	
1.5	60	54	50	46	53	49	48	43	60	
2.0	65	60	56	53	59	55	54	50	68	
2.5	68	64	60	57	62	59	58	54	74	
3.0	69	66	63	60	64	62	61	57	78	
4.0	72	69	67	64	67	65	64	61	83	
5.0	73	71	69	67	69	67	66	63	86	

QC	A	G	1.15	2000	1000	500	<~300	<~300	<~300
B	1.50			2000		750	500	<~300	
C	1.85				2000		1000	500	<~300

85°
75°
65°
55°
45°

6 8 10² 2 3 4 5 6 8 10⁴ cd/m²

C0-180 C90-270

UGR diagram

Corrected UGR values (at 5750 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	0.30
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30	0.30
		0.20	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	18.2	19.3	18.5	19.6	19.9	18.1	19.3	18.4	19.5	19.8	
	3H	19.7	20.8	20.1	21.1	21.4	18.6	19.6	18.9	19.9	20.2	
	4H	20.3	21.3	20.7	21.6	21.9	18.8	19.8	19.1	20.1	20.4	
	6H	20.8	21.7	21.1	22.0	22.4	18.9	19.8	19.2	20.1	20.5	
	8H	20.9	21.8	21.3	22.2	22.5	18.9	19.7	19.3	20.1	20.5	
	12H	21.0	21.9	21.4	22.2	22.6	18.8	19.7	19.2	20.0	20.4	
4H	2H	18.8	19.8	19.2	20.1	20.5	20.3	21.2	20.6	21.6	21.9	
	3H	20.6	21.4	21.0	21.8	22.1	20.9	21.8	21.3	22.1	22.5	
	4H	21.3	22.0	21.7	22.4	22.8	21.2	22.0	21.6	22.4	22.8	
	6H	21.9	22.5	22.3	22.9	23.4	21.5	22.1	21.9	22.5	23.0	
	8H	22.1	22.7	22.5	23.1	23.5	21.5	22.1	22.0	22.5	23.0	
	12H	22.2	22.8	22.7	23.2	23.7	21.5	22.1	22.0	22.5	23.0	
8H	4H	21.5	22.2	22.0	22.6	23.0	22.0	22.6	22.5	23.1	23.5	
	6H	22.3	22.8	22.7	23.2	23.7	22.4	22.9	22.9	23.4	23.8	
	8H	22.5	23.0	23.0	23.5	24.0	22.5	23.0	23.0	23.5	24.0	
	12H	22.8	23.2	23.3	23.6	24.2	22.6	23.0	23.1	23.5	24.0	
12H	4H	21.6	22.1	22.0	22.6	23.0	22.2	22.7	22.7	23.2	23.7	
	6H	22.3	22.8	22.8	23.2	23.7	22.6	23.0	23.1	23.5	24.0	
	8H	22.6	23.0	23.2	23.5	24.0	22.8	23.2	23.3	23.6	24.2	
Variations with the observer position at spacing:												
S =		1.0H	0.1 / -0.1		0.1 / -0.1							
		1.5H	0.3 / -0.4		0.3 / -0.3							
		2.0H	0.4 / -0.5		0.4 / -0.5							