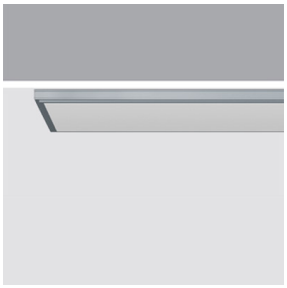
iPlan

Design iGuzzini **iGuzzini**

Last information update: May 2024

Product configuration: ME94+9689.15
ME94: iplan - 300 x 1200 mm h 26 mm - neutral white LED - DALI control gear - general light optic
9689.15: Adapter for installation in plasterboard false ceilings - Grey



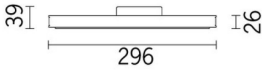
Product code
ME94: iplan - 300 x 1200 mm h 26 mm - neutral white LED - DALI control gear - general light optic **Attention! Code no longer in production**

Technical description
Direct emission recessed or ceiling-mounted luminaire designed to use neutral white 4000K 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	**Weight (Kg)**
Grey (15)	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)

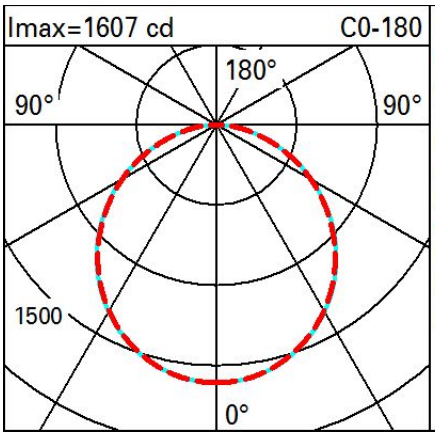
Notes
Only for 296x1196 rectangular versions

Complies with EN60598-1 and pertinent regulations

Technical data

lm system:	4490	Colour temperature [K]:	4000
W system:	39.3	MacAdam Step:	3
lm source:	6150	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
W source:	35	Lamp code:	LED
Luminous efficiency (lm/W, real value):	114.2	Number of lamps for optical assembly:	1
lm 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		

Polar

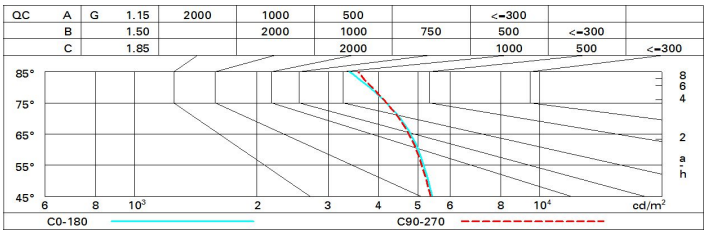


CIE
nL 0.73
48-79-96-100-73
UGR 22.3-21.7
DIN
A.41
UTE
0.73E+0.00T
F"1=476
F"1+F"2=789
F"1+F"2+F"3=955

Utilisation factors

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

Luminance curve limit



UGR diagram

Corrected UGR values (at 6150 lm bare lamp luminous flux)

Riflect.: ceil/cav		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
work pl.		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room dim				viewed					viewed		
x	y			crosswise					endwise		
2H	2H	18.4	19.6	18.7	19.8	20.1	18.3	19.5	18.6	19.8	20.0
	3H	19.9	21.0	20.3	21.3	21.6	18.8	19.9	19.2	20.2	20.5
	4H	20.5	21.5	20.9	21.8	22.2	19.0	20.0	19.4	20.3	20.6
	6H	21.0	21.9	21.4	22.2	22.6	19.1	20.0	19.5	20.3	20.7
	8H	21.2	22.0	21.5	22.4	22.7	19.1	20.0	19.5	20.3	20.7
	12H	21.3	22.1	21.7	22.5	22.8	19.1	19.9	19.5	20.3	20.6
4H	2H	19.1	20.0	19.4	20.4	20.7	20.5	21.5	20.9	21.8	22.1
	3H	20.8	21.6	21.2	22.0	22.4	21.2	22.0	21.6	22.4	22.7
	4H	21.5	22.3	21.9	22.6	23.0	21.5	22.2	21.9	22.6	23.0
	6H	22.1	22.7	22.5	23.2	23.6	21.7	22.3	22.1	22.8	23.2
	8H	22.3	22.9	22.7	23.3	23.8	21.7	22.4	22.2	22.8	23.2
	12H	22.4	23.0	22.9	23.4	23.9	21.8	22.3	22.2	22.8	23.2
8H	4H	21.8	22.4	22.2	22.8	23.3	22.3	22.9	22.7	23.3	23.8
	6H	22.5	23.0	23.0	23.5	23.9	22.6	23.1	23.1	23.6	24.1
	8H	22.8	23.2	23.3	23.7	24.2	22.8	23.2	23.3	23.7	24.2
	12H	23.0	23.4	23.5	23.9	24.4	22.9	23.3	23.4	23.7	24.3
12H	4H	21.8	22.4	22.3	22.8	23.3	22.4	23.0	22.9	23.4	23.9
	6H	22.6	23.0	23.1	23.5	24.0	22.8	23.3	23.3	23.7	24.2
	8H	22.9	23.3	23.4	23.8	24.3	23.0	23.4	23.5	23.9	24.4

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