iPlan

Design iGuzzini **iGuzzini**

Last information update: May 2024

Product configuration: ME84+9695.15
ME84: iplan - 596 x 596 mm h 26 mm - neutral white LED - electronic control gear - general light optic
9695.15: Adapter for installation in plasterboard false ceilings - Grey

Product code
ME84: iplan - 596 x 596 mm h 26 mm - neutral white LED - electronic control gear - general light optic **Attention! Code no longer in production**

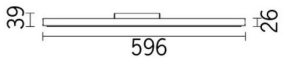
Technical description
Direct emission recessed or ceiling-mounted luminaire designed to use neutral white 4000K high colour rendering LEDs. The optical assembly consists of an anodised extruded frame, a methacrylate diffuser screen for general light emission and a painted sheet metal rear closing base. 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, in modular false ceilings (even 625 x 625 mm using accessory adapter); possibility of ceiling-mounting using kit to be ordered separately as an accessory

Colour
Grey (15)

Weight (Kg)
7

Mounting
ceiling pendant



Wiring
product complete with electronic components

Complies with EN60598-1 and pertinent regulations

IP20 IP43 On the visible part of the product once installed

Accessory code
9695.15: Adapter for installation in plasterboard false ceilings - Grey

Technical description
Accessory for installation in plasterboard false ceiling for square versions

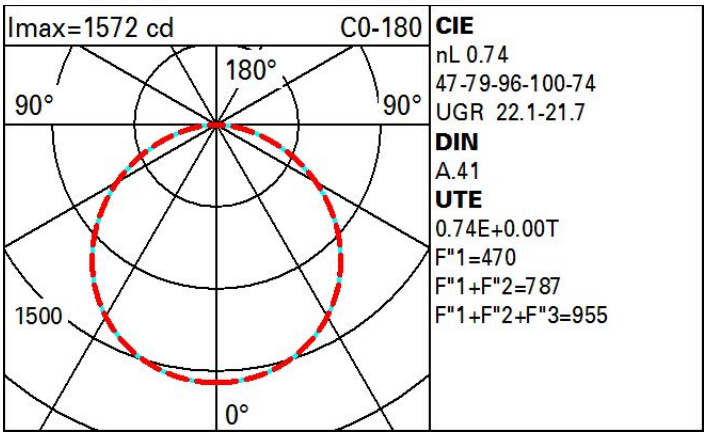
Colour
Aluminium (12)

Complies with EN60598-1 and pertinent regulations

Technical data

lm system:	4551	CRI (minimum):	80
W system:	40.3	Colour temperature [K]:	4000
lm source:	6150	MacAdam Step:	3
W source:	35	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	112.9	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.) [%]:	74	Number of optical assemblies:	1

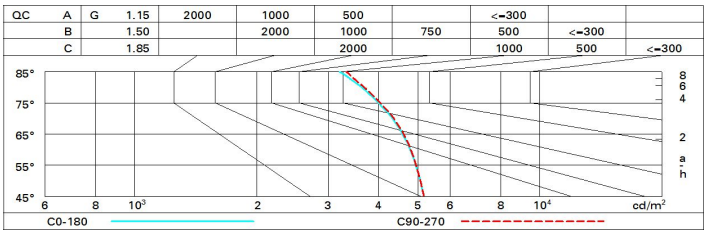
Polar



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	41	36	45	40	39	34	46
1.5	61	55	50	46	54	49	49	44	59
2.0	66	61	57	53	59	56	55	50	68
2.5	68	64	61	58	63	60	59	55	74
3.0	70	67	64	61	65	63	61	58	78
4.0	73	70	67	65	68	66	65	61	83
5.0	74	72	70	68	70	68	67	64	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	18.3	19.5	18.6	19.7	20.0	18.3	19.5	18.6	19.8	20.0
	3H	19.8	20.9	20.2	21.2	21.5	18.8	19.9	19.1	20.2	20.5
	4H	20.4	21.4	20.8	21.7	22.1	18.9	20.0	19.3	20.3	20.6
	6H	20.9	21.8	21.2	22.2	22.5	19.0	20.0	19.4	20.3	20.7
	8H	21.0	21.9	21.4	22.3	22.6	19.0	20.0	19.4	20.3	20.7
	12H	21.1	22.0	21.5	22.4	22.7	19.0	19.9	19.4	20.2	20.6
4H	2H	18.9	20.0	19.3	20.3	20.6	20.4	21.5	20.8	21.8	22.1
	3H	20.7	21.5	21.1	21.9	22.3	21.1	22.0	21.5	22.3	22.7
	4H	21.4	22.2	21.8	22.5	22.9	21.4	22.2	21.8	22.6	23.0
	6H	21.9	22.6	22.4	23.0	23.5	21.6	22.3	22.1	22.7	23.2
	8H	22.1	22.8	22.6	23.2	23.7	21.7	22.3	22.1	22.7	23.2
	12H	22.3	22.9	22.7	23.3	23.8	21.7	22.3	22.2	22.7	23.2
8H	4H	21.6	22.3	22.1	22.7	23.2	22.2	22.8	22.6	23.3	23.7
	6H	22.4	22.9	22.8	23.3	23.8	22.5	23.1	23.0	23.5	24.0
	8H	22.6	23.1	23.1	23.6	24.1	22.7	23.1	23.2	23.6	24.1
	12H	22.9	23.3	23.4	23.7	24.3	22.8	23.2	23.3	23.7	24.2
12H	4H	21.7	22.2	22.1	22.7	23.1	22.3	22.9	22.8	23.4	23.8
	6H	22.4	22.9	22.9	23.4	23.9	22.7	23.2	23.2	23.7	24.2
	8H	22.7	23.1	23.2	23.6	24.1	22.9	23.3	23.4	23.8	24.3

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