

Last information update: May 2024

**Product configuration: ME92+9689.15**

ME92: iplan - 300 x 1200 mm h 26 mm - neutral white LED - electronic control gear - general light optic

9689.15: Adapter for installation in plasterboard false ceilings - Grey

**Product code**

ME92: iplan - 300 x 1200 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. 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 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**

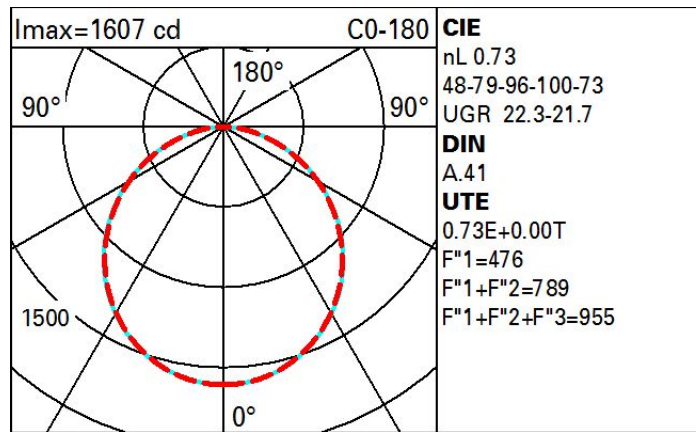
Only for 296x1196 rectangular versions

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	4490	CRI (minimum):	80
W system:	40.3	Colour temperature [K]:	4000
Im source:	6150	MacAdam Step:	3
W source:	35	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (Im/W, real value):	111.4	Lamp code:	LED
Im 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.) [%]:	73	Number of optical assemblies:	1

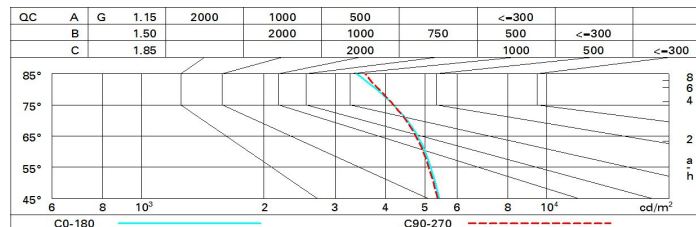
# Polar



## 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	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)											
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
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
		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	18.4	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						