

Last information update: June 2018

**iPlan - 300 x 1200 mm h 26 mm - neutral white LED - electronic control gear - general light optic****Product code**

ME92

**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

**Dimension (mm)**

1200x300x26

**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



pending

**Product configuration: ME92****Product characteristics**

Total lighting output [Lm]: 4453  
 Total power [W]: 41.8  
 Luminous efficacy [Lm/W]: 106.5  
 Life Time: > 50,000h - L80 - B10 (Ta 25°C)

Total luminous flux at or above an angle of 90° [Lm]: 0  
 Emergency luminous flux [Lm]: /  
 Voltage [V]: -  
 Number of optical assemblies: 1

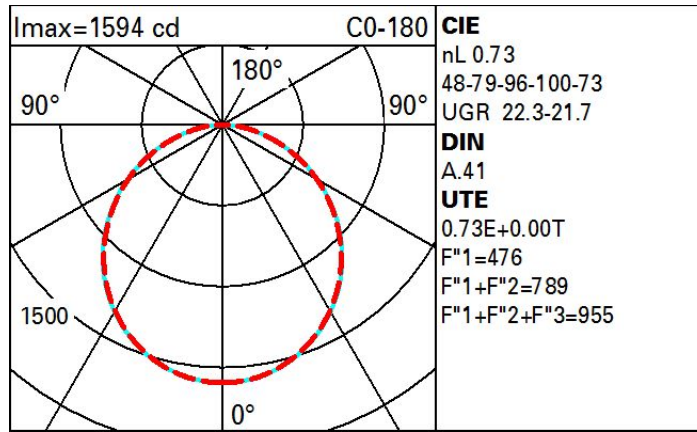
**Optical assembly Characteristics Type 1**

Light Output Ratio (L.O.R.) [%]: 73  
 Lamp code: LED  
 ZVEI Code: LED  
 Nominal power [W]: 36  
 Nominal luminous [Lm]: 6100  
 Lamp maximum intensity [cd]: /  
 Beam angle [°]: /

Number of lamps for optical assembly: 1  
 Socket: /  
 Ballast losses [W]: 5.8  
 Colour temperature [K]: 4000  
 CRI: 80  
 Wavelength [Nm]: /  
 MacAdam Step: 3



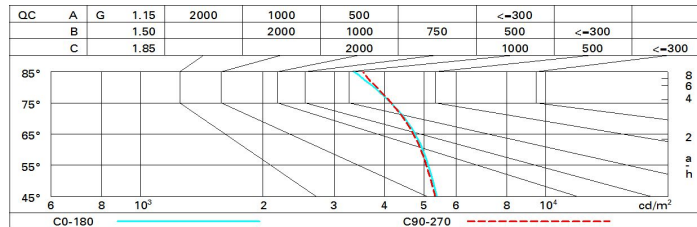
**Polar**



**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 6100 lm bare lamp luminous flux)											
Reflect.:		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
ceiling/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 crosswise					viewed endwise				
x	y										
2H	2H	18.4	19.5	18.7	19.8	20.1	18.3	19.5	18.6	19.7	20.0
	3H	19.9	21.0	20.3	21.3	21.6	18.8	19.9	19.1	20.1	20.5
	4H	20.5	21.5	20.9	21.8	22.1	19.0	20.0	19.3	20.3	20.6
	6H	21.0	21.9	21.4	22.2	22.6	19.1	20.0	19.4	20.3	20.7
	8H	21.1	22.0	21.5	22.4	22.7	19.1	20.0	19.5	20.3	20.7
	12H	21.2	22.1	21.6	22.4	22.8	19.1	19.9	19.4	20.2	20.6
4H	2H	19.0	20.0	19.4	20.3	20.7	20.5	21.4	20.8	21.8	22.1
	3H	20.8	21.6	21.2	22.0	22.3	21.1	22.0	21.5	22.3	22.7
	4H	21.5	22.2	21.9	22.6	23.0	21.4	22.2	21.9	22.6	23.0
	6H	22.1	22.7	22.5	23.1	23.6	21.7	22.3	22.1	22.7	23.2
	8H	22.3	22.9	22.7	23.3	23.7	21.7	22.3	22.2	22.8	23.2
	12H	22.4	23.0	22.9	23.4	23.9	21.7	22.3	22.2	22.7	23.2
8H	4H	21.8	22.4	22.2	22.8	23.2	22.2	22.9	22.7	23.3	23.7
	6H	22.5	23.0	23.0	23.4	23.9	22.6	23.1	23.1	23.6	24.0
	8H	22.8	23.2	23.2	23.7	24.2	22.7	23.2	23.2	23.7	24.2
	12H	23.0	23.4	23.5	23.8	24.4	22.8	23.2	23.3	23.7	24.2
12H	4H	21.8	22.3	22.2	22.8	23.2	22.4	23.0	22.9	23.4	23.9
	6H	22.5	23.0	23.0	23.4	23.9	22.8	23.2	23.3	23.7	24.2
	8H	22.9	23.2	23.4	23.7	24.2	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				