

Last information update: April 2024

Product configuration: ME68

ME68: iplan - 596 x 596 mm h 26 mm - neutral white LED- electronic control gear - general light optic

**Product code**ME68: 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 and indirect emission pendant luminaire designed to use neutral white 4000K high colour rendering LEDs. Extruded anodised aluminium perimeter profile. The down light LEDs are arranged inside the perimeter, while the up light LEDs are positioned in the upper section. The opal diffuser screen, together with an inner screen and diffusing film, allows optimum diffusion of the direct light. Luminaire set up for simultaneous switch on of both up/down light emission. Product complete with driver, L=1500 mm supporting cables and special power supply base.

Installation

Pendant. System complete with power supply base and L= 1500 mm cables

Colour

Grey (15)

Weight (Kg)

9.2

Mounting

ceiling pendant

Wiring

product complete with electronic components

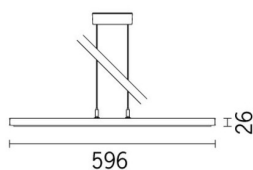
Complies with EN60598-1 and pertinent regulations



IP20



pending

**Technical data**

lm system: 4651

W system: 42.4

lm source: 6550

W source: 37

Luminous efficiency (lm/W, 109.7

real value):

lm in emergency mode: -

Total light flux at or above

an angle of 90° [Lm]: 756

Light Output Ratio (L.O.R.) 71

[%]:

CRI (minimum): 80

Colour temperature [K]: 4000

MacAdam Step: 3

Life Time LED 1: > 50,000h - L80 - B10 (Ta 25°C)

Lamp code: LED

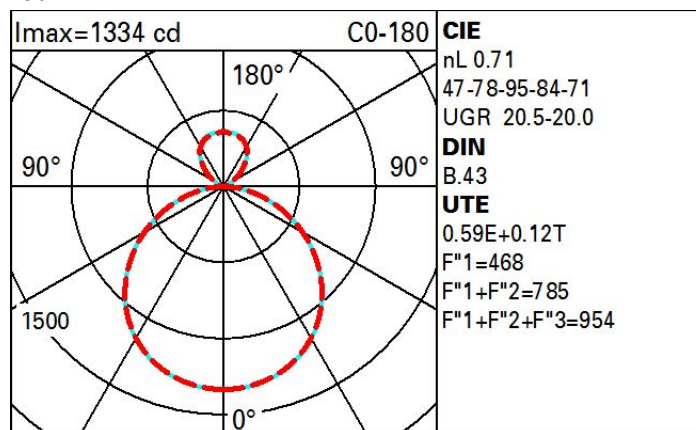
Number of lamps for optical

assembly: 1

ZVEI Code: LED

Number of optical

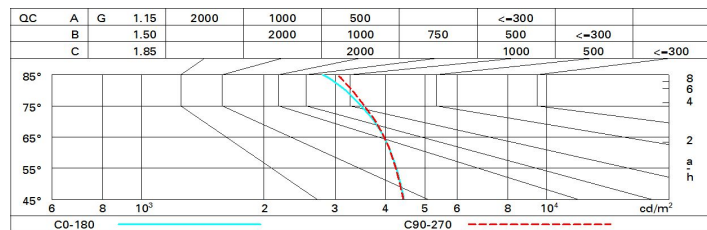
assemblies: 1

Polar

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	44	37	31	28	34	30	29	23	39
1.0	48	42	37	33	39	35	33	27	46
1.5	55	50	45	42	47	43	41	35	59
2.0	60	55	51	48	52	49	46	40	68
2.5	62	58	55	52	55	52	50	44	74
3.0	64	61	58	55	57	55	52	46	78
4.0	66	63	61	59	60	58	55	49	83
5.0	67	65	63	62	62	60	57	51	86

Luminance curve limit



UGR diagram

Corrected UGR values (at 6550 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
2H	2H	10.7	17.7	17.2	18.2	18.8	10.7	17.7	17.2	18.2	18.8
	3H	18.2	19.1	18.8	19.7	20.3	17.2	18.1	17.7	18.6	19.3
	4H	18.8	19.6	19.4	20.2	20.9	17.3	18.2	17.9	18.7	19.4
	6H	19.2	20.0	19.8	20.6	21.3	17.4	18.2	18.0	18.8	19.4
	8H	19.4	20.1	20.0	20.7	21.4	17.4	18.1	18.0	18.7	19.4
	12H	19.5	20.2	20.1	20.8	21.5	17.3	18.1	18.0	18.7	19.4
4H	2H	17.3	18.1	17.9	18.7	19.4	18.9	19.7	19.5	20.3	20.9
	3H	19.0	19.7	19.6	20.3	21.0	19.5	20.2	20.1	20.8	21.5
	4H	19.7	20.3	20.3	21.0	21.7	19.8	20.4	20.4	21.0	21.8
	6H	20.3	20.8	20.9	21.5	22.2	20.0	20.5	20.6	21.2	21.9
	8H	20.5	21.0	21.1	21.6	22.4	20.0	20.5	20.7	21.2	22.0
	12H	20.6	21.0	21.3	21.7	22.5	20.0	20.5	20.7	21.2	22.0
8H	4H	19.9	20.5	20.6	21.1	21.9	20.6	21.1	21.3	21.8	22.5
	6H	20.7	21.1	21.4	21.8	22.6	20.9	21.3	21.6	22.0	22.8
	8H	20.9	21.3	21.6	22.0	22.8	21.0	21.4	21.8	22.1	23.0
	12H	21.1	21.4	21.9	22.2	23.0	21.1	21.4	21.9	22.2	23.0
12H	4H	20.0	20.4	20.6	21.1	21.9	20.7	21.2	21.4	21.9	22.7
	6H	20.7	21.1	21.4	21.8	22.6	21.1	21.5	21.8	22.2	23.0
	8H	21.0	21.3	21.7	22.1	22.9	21.3	21.6	22.0	22.3	23.2
Variations with the observer position at spacing:											
S =		1.0H					0.1 / -0.1				
		1.5H					0.3 / -0.3				
		2.0H					0.4 / -0.5				