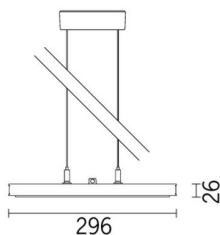


Last information update: May 2024

Product configuration: ME76

ME76: iplan - 300 x 1200 mm h 26 mm - neutral white LED- electronic control gear - general light optic

**Product code**ME76: 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 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

Aluminium (12)

Weight (Kg)

9.4

Mounting

ceiling pendant

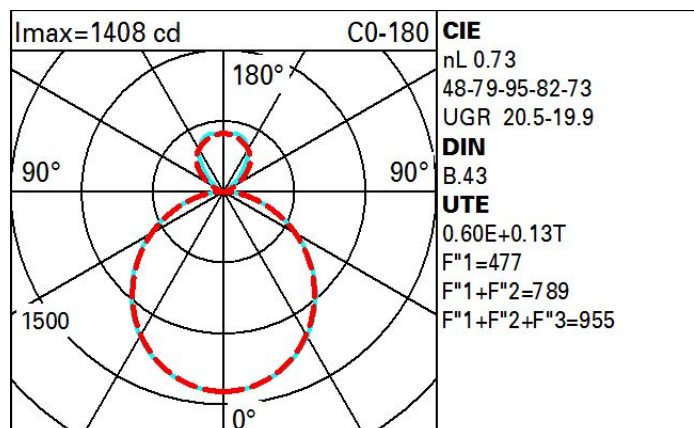
Wiring

product complete with electronic components

Complies with EN60598-1 and pertinent regulations

**Technical data**

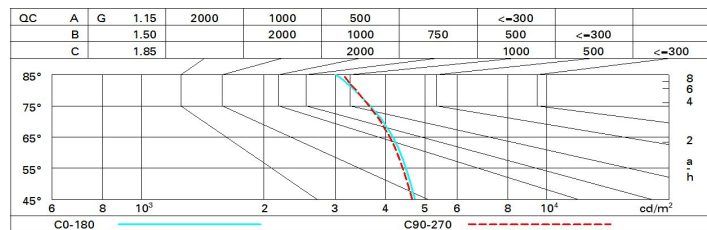
lm system:	4782	CRI (minimum):	80
W system:	42.4	Colour temperature [K]:	4000
lm source:	6550	MacAdam Step:	3
W source:	37	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	112.8	Lamp code:	LED
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	874	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	45	38	32	29	35	31	29	24	40
1.0	50	43	38	34	40	36	34	28	47
1.5	57	51	47	43	48	44	42	36	60
2.0	61	56	53	49	53	50	47	41	68
2.5	64	60	56	54	56	53	50	44	74
3.0	65	62	59	57	58	56	53	47	78
4.0	68	65	63	60	61	59	56	50	83
5.0	69	67	65	63	63	61	58	51	86

Luminance curve limit



UGR diagram

Corrected UGR values (at 6550 lm bare lamp luminous flux)											
Riflect.: ceil/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	16.7	17.6	17.3	18.2	18.8	16.6	17.6	17.2	18.1	18.8
	3H	18.2	19.1	18.8	19.7	20.3	17.1	17.9	17.7	18.5	19.2
	4H	18.8	19.6	19.4	20.2	20.9	17.3	18.0	17.9	18.6	19.3
	6H	19.3	20.0	19.9	20.6	21.3	17.3	18.0	18.0	18.7	19.4
	8H	19.4	20.1	20.1	20.7	21.5	17.3	18.0	18.0	18.6	19.4
	12H	19.5	20.2	20.2	20.8	21.6	17.3	17.9	17.9	18.6	19.3
4H	2H	17.3	18.1	17.9	18.7	19.4	18.7	19.5	19.4	20.1	20.8
	3H	19.0	19.7	19.7	20.3	21.0	19.4	20.0	20.0	20.7	21.4
	4H	19.7	20.3	20.4	21.0	21.7	19.7	20.2	20.3	20.9	21.7
	6H	20.3	20.8	21.0	21.5	22.3	19.9	20.4	20.5	21.0	21.8
	8H	20.5	20.9	21.2	21.6	22.5	19.9	20.4	20.6	21.1	21.9
	12H	20.6	21.0	21.3	21.7	22.6	19.9	20.3	20.6	21.0	21.9
8H	4H	19.9	20.4	20.7	21.1	21.9	20.4	20.9	21.1	21.6	22.4
	6H	20.7	21.0	21.4	21.8	22.6	20.8	21.2	21.5	21.9	22.7
	8H	20.9	21.3	21.7	22.0	22.9	20.9	21.2	21.7	22.0	22.8
	12H	21.1	21.4	21.9	22.2	23.1	21.0	21.3	21.8	22.0	22.9
12H	4H	19.9	20.4	20.7	21.1	21.9	20.6	21.0	21.3	21.7	22.6
	6H	20.7	21.0	21.4	21.8	22.6	21.0	21.3	21.7	22.0	22.9
	8H	21.0	21.3	21.8	22.1	22.9	21.1	21.4	21.9	22.2	23.1
Variations with the observer position at spacing:											
S =	1.0H	0.1 / -0.1					0.1 / -0.1				
	1.5H	0.3 / -0.3					0.3 / -0.4				
	2.0H	0.4 / -0.5					0.4 / -0.5				