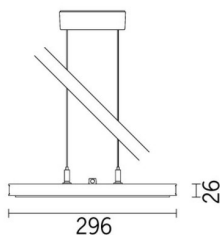


Last information update: June 2023

**Product configuration: ME77**

ME77: iplan - 300 x 1200 mm h 26 mm - warm white LED- electronic control gear - general light optic

**Product code**ME77: iplan - 300 x 1200 mm h 26 mm - warm 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 warm white 3000K 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



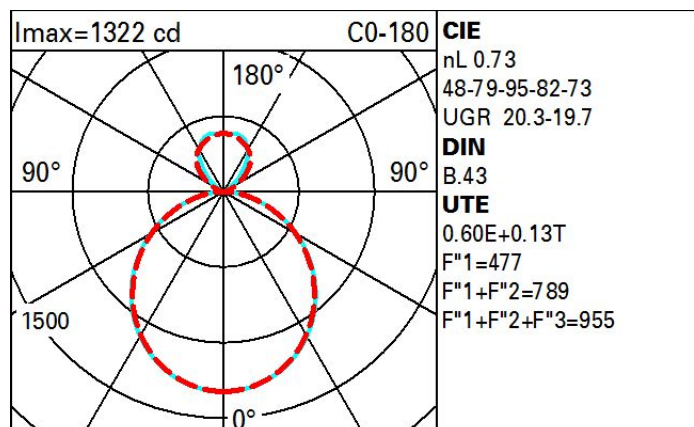
IP20



pending

**Technical data**

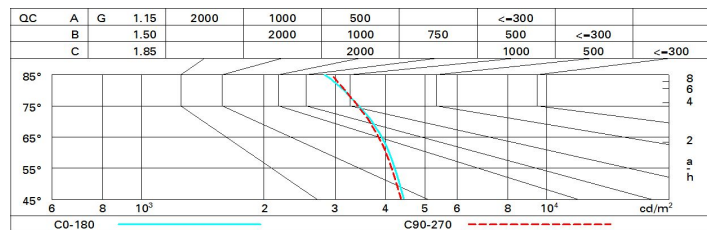
lm system:	4490	Colour temperature [K]:	3000
W system:	42.4	MacAdam Step:	3
lm source:	6150	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
W source:	37	Ballast losses [W]:	5.4
Luminous efficiency (lm/W, real value):	105.9	Lamp code:	LED
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	820	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	73	Number of optical assemblies:	1
CRI (minimum):	80		

**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 6150 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
		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
2H	2H	16.5	17.4	17.1	18.0	18.6	16.4	17.4	17.0	17.9	18.5
	3H	18.0	18.8	18.6	19.4	20.1	16.9	17.7	17.5	18.3	19.0
	4H	18.6	19.4	19.2	20.0	20.7	17.0	17.8	17.7	18.4	19.1
	6H	19.0	19.8	19.7	20.4	21.1	17.1	17.8	17.7	18.4	19.2
	8H	19.2	19.9	19.8	20.5	21.2	17.1	17.8	17.7	18.4	19.1
	12H	19.3	20.0	19.9	20.6	21.3	17.1	17.7	17.7	18.4	19.1
4H	2H	17.1	17.9	17.7	18.5	19.2	18.5	19.3	19.1	19.9	20.6
	3H	18.8	19.4	19.4	20.1	20.8	19.2	19.8	19.8	20.5	21.2
	4H	19.5	20.1	20.2	20.7	21.5	19.4	20.0	20.1	20.7	21.4
	6H	20.1	20.6	20.7	21.3	22.0	19.6	20.1	20.3	20.8	21.6
	8H	20.3	20.7	21.0	21.4	22.2	19.7	20.2	20.4	20.8	21.7
	12H	20.4	20.8	21.1	21.5	22.4	19.7	20.1	20.4	20.8	21.6
8H	4H	19.7	20.2	20.4	20.9	21.7	20.2	20.7	20.9	21.4	22.2
	6H	20.4	20.8	21.2	21.6	22.4	20.6	20.9	21.3	21.7	22.5
	8H	20.7	21.1	21.5	21.8	22.7	20.7	21.0	21.4	21.8	22.6
	12H	20.9	21.2	21.7	22.0	22.9	20.8	21.1	21.5	21.8	22.7
12H	4H	19.7	20.2	20.4	20.9	21.7	20.4	20.8	21.1	21.5	22.3
	6H	20.5	20.8	21.2	21.6	22.4	20.7	21.1	21.5	21.8	22.7
	8H	20.8	21.1	21.6	21.8	22.7	20.9	21.2	21.7	22.0	22.8
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				