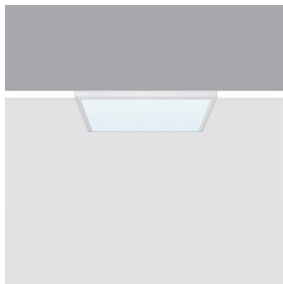


Last information update: May 2024

Product configuration: P612

P612: 300 X 300 mm - neutral white LED - electronic control gear - general light optic opaline screen

**Product code**P612: 300 X 300 mm - neutral white LED - electronic control gear - general light optic opaline screen **Attention! Code no longer in production****Technical description**

Direct emission recessed or ceiling-mounted luminaire (with an installation accessory ordered separately) designed to use neutral white 4000K high CRI LEDs. The optical assembly consists of a painted aluminium frame, a satin methacrylate diffuser screen for general light emission and a sheet metal rear closing base. The LEDs are arranged inside the perimeter and the driver is housed in the upper part of the product.

Installation

Recessed in plasterboard suspended ceilings (with an accessory frame), pendant mounted using a kit to be ordered separately.

Colour

White (01)

Mounting

ceiling recessed|wall surface|ceiling surface

Wiring

product complete with electronic components

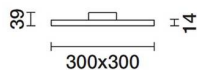
Complies with EN60598-1 and pertinent regulations



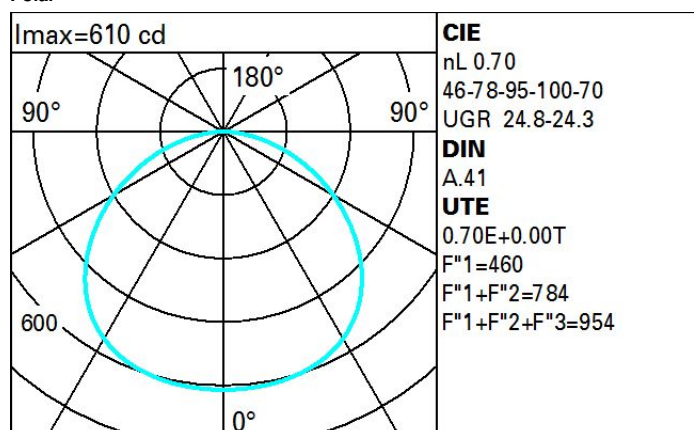
IP20

IP40

On the visible part of the product once installed

**Technical data**

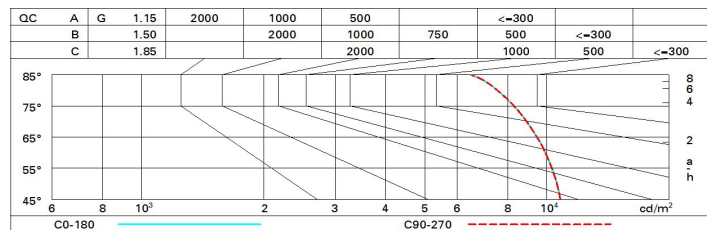
lm system:	1925	CRI:	80
W system:	16.4	Colour temperature [K]:	4000
lm source:	2750	MacAdam Step:	3
W source:	14	Life Time LED 1:	50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	117.4	Lamp code:	LED
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	70	Number of optical assemblies:	1

Polar

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	45	38	33	29	37	32	32	27	38
1.0	50	43	38	34	42	37	37	32	46
1.5	58	52	47	43	50	46	46	41	59
2.0	62	57	53	50	56	52	51	47	67
2.5	65	61	57	54	59	56	55	51	73
3.0	66	63	60	58	61	59	58	54	77
4.0	69	66	64	61	64	62	61	58	83
5.0	70	68	66	64	66	64	63	60	86

Luminance curve limit



UGR diagram

Corrected UGR values (at 2750 lm bare lamp luminous flux)											
Reflect.: ceiling walls work pl. Room dim x y		viewed crosswise					viewed endwise				
2H	2H	20.9	22.1	21.2	22.3	22.0	20.9	22.1	21.2	22.3	22.0
	3H	22.4	23.5	22.7	23.8	24.1	21.4	22.4	21.7	22.7	23.0
	4H	23.0	24.0	23.4	24.3	24.6	21.5	22.6	21.9	22.9	23.2
	6H	23.5	24.4	23.8	24.7	25.1	21.6	22.6	22.0	22.9	23.2
	8H	23.6	24.5	24.0	24.9	25.2	21.6	22.5	22.0	22.9	23.2
	12H	23.7	24.6	24.1	24.9	25.3	21.6	22.5	22.0	22.8	23.2
4H	2H	21.5	22.6	21.9	22.9	23.2	23.0	24.0	23.4	24.3	24.6
	3H	23.3	24.1	23.7	24.5	24.8	23.7	24.5	24.1	24.9	25.3
	4H	24.0	24.7	24.4	25.1	25.5	24.0	24.7	24.4	25.1	25.5
	6H	24.6	25.2	25.0	25.6	26.1	24.2	24.9	24.6	25.3	25.7
	8H	24.8	25.4	25.2	25.8	26.2	24.3	24.9	24.7	25.3	25.7
	12H	24.9	25.5	25.4	25.9	26.4	24.3	24.8	24.7	25.3	25.7
8H	4H	24.3	24.9	24.7	25.3	25.7	24.8	25.4	25.2	25.8	26.2
	6H	25.0	25.5	25.5	25.9	26.4	25.1	25.6	25.6	26.1	26.6
	8H	25.3	25.7	25.8	26.2	26.7	25.3	25.7	25.8	26.2	26.7
	12H	25.5	25.9	26.0	26.3	26.9	25.4	25.7	25.9	26.2	26.8
12H	4H	24.3	24.8	24.7	25.3	25.7	24.9	25.5	25.4	25.9	26.4
	6H	25.0	25.5	25.5	26.0	26.5	25.3	25.7	25.8	26.2	26.7
	8H	25.4	25.7	25.9	26.2	26.8	25.5	25.9	26.0	26.3	26.9
Variations with the observer position at spacing:											
S =		1.0H					0.1 / -0.1				
		1.5H					0.3 / -0.4				
		2.0H					0.4 / -0.5				