iGuzzini

Last information update: May 2024

Product configuration: P180

P180: 625X625 mm - neutral white LED - DALI control gear - controlled luminance optic UGR<19



625x625

EZI

Product code

P180: 625X625 mm - neutral white LED - DALI control gear - controlled luminance optic UGR<19 Attention! Code no longer in production

Technical description

Recessed direct emission luminaire designed to use Neutral White 4,000K high colour rendering LEDs and be installed in modular false ceilings with a 625 x 625 mm step. The optical assembly consists of a white extruded frame, a satin methacrylate diffuser screen for controlled luminance L<3000 cd/m2 for ∞65° emission, ideal for environments with video terminals and a sheet metal rear closing base. The LEDs are arranged inside the perimeter and the DALI driver is housed in the upper part of the product.

Installation

Recessed in modular false ceilings with a 625x625 mm step

Colour

White (01)

Mounting

ceiling recessed|wall surface|ceiling surface

Wiring

product complete with DALI components



14

IP20 IP43

On the visible part of the product once installed





EHC

Complies with EN60598-1 and pertinent regulations

Technical data	
Im system:	3404
W system:	38
Im source:	4600
W source:	32
Luminous efficiency (lm/W, real value):	89.6
Im in emergency mode:	-
Total light flux at or above an angle of 90° [Lm]:	0
Light Output Ratio (L.O.R.) [%]:	74
CRI:	80

Colour temperature [K]: 4000

MacAdam Step: 3

Life Time LED 1: 50,000h - L70 - B10 (Ta 25°C)

Lamp code: LED

Number of lamps for optical 1

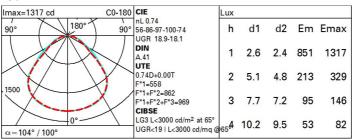
assembly:

ZVEI Code: LED

Number of optical 1

assemblies: DALI

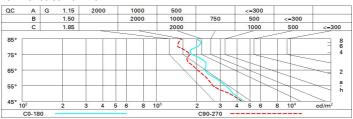
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	51	44	39	35	43	39	38	34	45
1.0	56	50	45	41	49	44	44	39	53
1.5	64	58	54	51	57	53	53	48	65
2.0	68	64	60	57	62	59	58	54	73
2.5	70	67	64	61	65	63	62	58	78
3.0	72	69	66	64	67	65	64	61	82
4.0	74	71	69	67	70	68	67	64	86
5.0	75	73	71	70	71	70	69	65	88

Luminance curve limit



Corre	ected UC	R values	at 460	0 Im bar	e lamp lu	eu oni mu	flux)				
Rifled	ct.:										
ce il/c	av	0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls work pl. Room dim		0.50	0.30	0.50 0.20	0.30	0.30	0.50 0.20	0.30	0.50	0.30 0.20	0.30
											0.20
		viewed					viewed				
х у		crosswise					endwise				
2H	2H	16.2	17.3	16.5	17.5	17.8	16.0	17.1	16.3	17.3	17.
	ЗН	17.1	18.0	17.4	18.3	18.6	16.3	17.3	16.6	17.6	17.
	4H	17.5	18.4	17.8	18.7	19.0	16.4	17.3	16.7	17.6	17.
	бН	17.9	18.7	18.2	19.0	19.4	16.4	17.2	16.7	17.5	17.
	нв	18.1	18.9	18.4	19.2	19.6	16.4	17.2	16.7	17.5	17.
	12H	18.2	19.0	18.6	19.3	19.7	16.3	17.1	16.7	17.5	17.
4H	2H	16.5	17.5	16.9	17.8	18.1	17.1	18.0	17.5	18.3	18.
	ЗН	17.6	18.4	18.0	18.7	19.1	17.6	18.4	18.0	18.8	19.
	4H	18.1	18.8	18.5	19.1	19.5	17.9	18.5	18.3	18.9	19.
	бН	18.6	19.2	19.1	19.6	20.1	18.0	18.6	18.5	19.0	19.
	HS	18.9	19.4	19.3	19.9	20.3	18.1	18.6	18.5	19.0	19.
	12H	19.1	19.6	19.5	20.0	20.5	18.1	18.6	18.5	19.0	19.
вн	4H	18.3	18.8	18.7	19.3	19.7	18.5	19.1	18.9	19.5	19.
	6H	19.0	19.4	19.4	19.9	20.4	18.9	19.3	19.3	19.8	20.
	HS	19.3	19.7	19.8	20.1	20.6	19.0	19.4	19.5	19.9	20.
	12H	19.5	19.9	20.0	20.4	20.9	19.1	19.5	19.6	20.0	20.
12H	4H	18.3	18.8	18.8	19.2	19.7	18.6	19.1	19.1	19.6	20.
	6H	19.0	19.4	19.5	19.9	20.4	19.0	19.4	19.5	19.9	20.
	HS	19.4	19.7	19.9	20.2	20.7	19.3	19.6	19.8	20.1	20.
Varia	tions wi	th the ob	server p	noitieo	at spacin	g:					
S =	1.0H	0.3 / -0.3				0.3 / -0.3					
	1.5H	0.5 / -0.8				0.6 / -0.7					