Radix

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Last information update: October 2023

Product configuration: P622

P622: 1200x300-Neutral White - UGR<19-DALI



Product code

P622: 1200x300-Neutral White - UGR<19-DALI Attention! Code no longer in production

Technical description

Rectangular, recessed direct emission luminaire designed to use Neutral White colour 4000K LEDs and be installed in a plasterboard ceiling using a frame to be ordered as an accessory. Optical assembly with a white painted, extruded aluminium, tapered frame and a set back microprismatic screen for controlled luminance with a UGR<19 L<3000 cd/m2 ∞ 65° beam, ideal for environments with video terminals. Product complete with DALI ballast.

Installation

recessed in plasterboard ceilings using a frame to be ordered as an accessory.

Colour

White (01)

Mounting

ceiling surface

Wiring

product complete with DALI components.

Complies with EN60598-1 and pertinent regulations



IP20

IP43

On the visible part of the product once installed

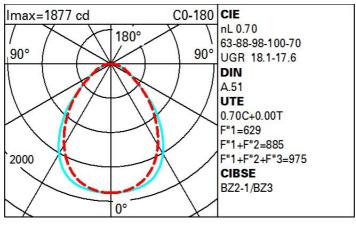




Technical data

recillical data					
Im system:	3639	Colour temperature [K]:	4000		
W system:	33.2	MacAdam Step:	3		
Im source:	5200	Life Time LED 1:	50,000h - L80 - B10 (Ta 25°C)		
W source:	28	Ballast losses [W]:	5.2		
Luminous efficiency (lm/W,	109.6	Lamp code:	LED		
real value):		Number of lamps for optical	1		
Im in emergency mode:	-	assembly:			
Total light flux at or above	0	ZVEI Code:	LED		
an angle of 90° [Lm]:		Number of optical	1		
Light Output Ratio (L.O.R.)	70	assemblies:			
[%]:		Control:	DALI		
CRI:	80				

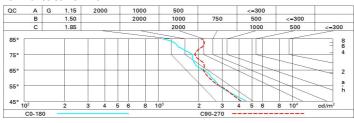
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	51	45	40	37	44	40	40	36	51
1.0	55	50	45	42	49	45	44	40	58
1.5	62	57	54	51	56	53	52	48	69
2.0	65	62	59	56	60	58	57	54	77
2.5	67	64	62	60	63	61	60	57	81
3.0	69	66	64	62	65	63	62	59	85
4.0	71	69	67	65	67	66	65	62	88
5.0	72	70	68	67	68	67	66	63	90

Luminance curve limit



Corre	ected UC	R values	s (at 520)	0 Im bar	e lamp lu	eu oni mu	flux)				
Rifle	ct.:										
ceil/cav		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
work pl. Room dim x y		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	15.7	16.7	16.0	16.9	17.2	15.4	16.3	15.7	16.6	16.
	ЗН	16.4	17.3	16.8	17.6	17.9	15.7	16.5	16.0	16.8	17.
	4H	16.8	17.6	17.2	17.9	18.3	15.7	16.6	16.1	16.9	17.
	бН	17.1	17.9	17.5	18.2	18.5	15.8	16.5	16.1	16.8	17.
	HS	17.2	17.9	17.6	18.3	18.6	15.8	16.5	16.1	16.8	17.
	12H	17.2	17.9	17.6	18.3	18.6	15.7	16.4	16.1	16.8	17.
4H	2H	16.0	16.8	16.3	17.1	17.4	16.7	17.5	17.0	17.8	18.
	ЗН	17.0	17.7	17.4	18.0	18.4	17.2	17.8	17.5	18.2	18.
	4H	17.5	18.1	17.9	18.5	18.9	17.3	18.0	17.7	18.3	18.
	6H	17.9	18.5	18.4	18.9	19.3	17.5	18.0	17.9	18.5	18.
	HS	18.1	18.6	18.5	19.0	19.4	17.6	18.1	18.0	18.5	18.
	12H	18.1	18.6	18.6	19.0	19.5	17.6	18.0	18.0	18.5	18.
нв	4H	17.7	18.2	18.2	18.6	19.1	18.2	18.7	18.7	19.1	19.
	6H	18.3	18.7	18.8	19.2	19.7	18.5	18.9	19.0	19.3	19.
	HS	18.5	18.9	19.0	19.3	19.8	18.6	18.9	19.1	19.4	19.
	12H	18.6	18.9	19.1	19.4	20.0	18.7	19.0	19.2	19.4	20.
12H	4H	17.7	18.2	18.2	18.6	19.1	18.4	18.9	18.9	19.3	19.
	бН	18.4	18.7	18.8	19.2	19.7	18.7	19.1	19.2	19.5	20.
	H8	18.6	18.9	19.1	19.4	19.9	18.8	19.1	19.3	19.6	20.
Varia	tions wi	th the ob	oserverp	osition	at spacin	g:					
S =	1.0H	0.3 / -0.4					0.2 / -0.3				
	1.5H	0.7 / -0.8					0.5 / -0.8				
	2.0H	1.4 / -1.2					1.1 / -1.0				