Radix

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Product configuration: P625
P625: 600x600-Warm White - UGR<19-DALI

Product code
P625: 600x600-Warm White - UGR<19-DALI **Attention! Code no longer in production**

Technical description
Recessed direct emission luminaire designed to use Warm White colour 3000K LEDs and be installed in 625x625 mm modular false ceilings. 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 α≥ 65° beam, ideal for environments with video terminals. Product complete with DALI ballast.

Installation
recessed in 625x625 mm modular false ceilings

Colour
White (01)

Mounting
ceiling surface

Wiring
product complete with DALI components.

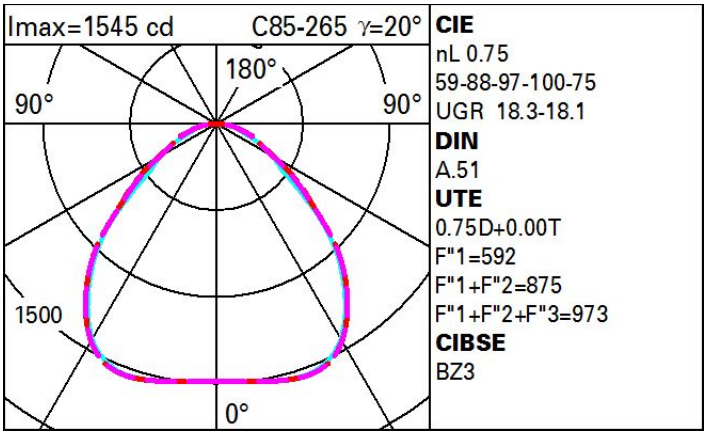
Complies with EN60598-1 and pertinent regulations

IP20 IP43 On the visible part of the product once installed

Technical data

lm system:	3712	Colour temperature [K]:	3000
W system:	33.4	MacAdam Step:	3
lm source:	4950	Life Time LED 1:	50,000h - L80 - B10 (Ta 25°C)
W source:	28	Ballast losses [W]:	5.4
Luminous efficiency (lm/W, real value):	111.1	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.) [%]:	75	Number of optical assemblies:	1
CRI:	80	Control:	DALI

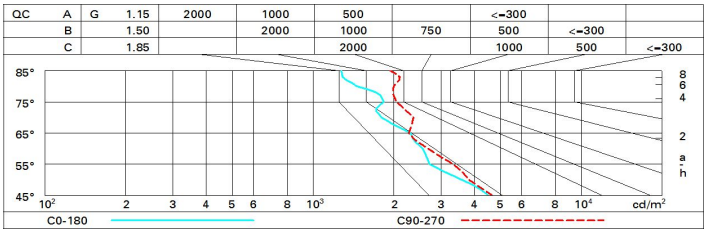
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	53	46	41	38	45	41	40	36	48
1.0	58	52	47	44	51	46	46	41	55
1.5	65	60	56	53	59	55	55	50	67
2.0	69	65	62	59	64	61	60	56	75
2.5	72	68	66	63	67	64	64	60	80
3.0	73	71	68	66	69	67	66	62	83
4.0	75	73	71	69	71	70	69	65	87
5.0	76	74	73	71	73	71	70	67	89

Luminance curve limit



UGR diagram

Corrected UGR values (at 4950 lm bare lamp luminous flux)

Riflect.: 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.		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room dim				viewed crosswise					viewed endwise		
x	y										
2H	2H	15.9	17.0	16.2	17.2	17.5	16.1	17.1	16.4	17.4	17.7
	3H	16.7	17.6	17.0	17.9	18.2	16.4	17.3	16.7	17.6	17.9
	4H	17.0	17.9	17.4	18.2	18.5	16.4	17.3	16.8	17.6	17.9
	6H	17.3	18.1	17.7	18.5	18.8	16.4	17.2	16.8	17.6	17.9
	8H	17.4	18.2	17.8	18.5	18.9	16.4	17.2	16.8	17.5	17.9
	12H	17.5	18.2	17.9	18.6	18.9	16.4	17.1	16.8	17.5	17.9
4H	2H	16.3	17.1	16.6	17.4	17.8	17.3	18.2	17.7	18.5	18.8
	3H	17.3	18.0	17.7	18.4	18.7	17.8	18.5	18.2	18.9	19.2
	4H	17.7	18.4	18.2	18.8	19.2	17.9	18.6	18.3	19.0	19.4
	6H	18.2	18.8	18.6	19.2	19.6	18.1	18.6	18.5	19.0	19.5
	8H	18.3	18.9	18.8	19.3	19.7	18.1	18.6	18.6	19.1	19.5
	12H	18.4	18.9	18.9	19.3	19.8	18.1	18.6	18.6	19.0	19.5
8H	4H	17.9	18.5	18.4	18.9	19.3	18.7	19.2	19.1	19.6	20.1
	6H	18.6	19.0	19.1	19.5	19.9	18.9	19.4	19.4	19.8	20.3
	8H	18.8	19.2	19.3	19.6	20.2	19.0	19.4	19.5	19.9	20.4
	12H	18.9	19.3	19.5	19.8	20.3	19.1	19.4	19.6	19.9	20.4
12H	4H	17.9	18.4	18.4	18.9	19.3	18.9	19.3	19.3	19.8	20.2
	6H	18.6	19.0	19.1	19.5	20.0	19.1	19.5	19.6	20.0	20.5
	8H	18.9	19.2	19.4	19.7	20.2	19.3	19.6	19.8	20.1	20.6

Variations with the observer position at spacing:

S =	1.0H	0.3 / -0.4	0.3 / -0.4
	1.5H	0.7 / -0.8	0.6 / -0.8
	2.0H	1.3 / -1.1	1.3 / -1.1