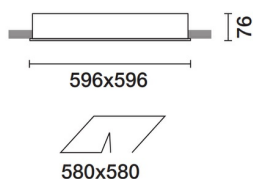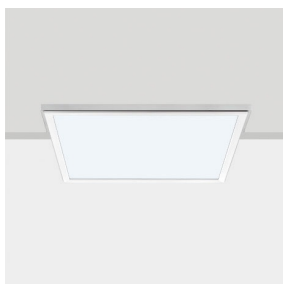# Wide

Last information update: May 2018

625x625 - Warm White - general light - DALI

Product code
P201

Technical description
Recessed direct emission luminaire designed to use Warm White colour 3000K LEDs and be installed in 625x625 mm modular false ceilings. The optical assembly is made of a thermoplastic material with a satin methacrylate diffuser screen for general light emission. Product complete with DALI components.

Installation
recessed for installation in 625x625 mm modular false ceilings.

Dimension (mm)
625x625

596x596 | 76

580x580

Colour
White (01)

Weight (Kg)
3.7

Mounting
ceiling recessed|wall 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

CE   EHI   A++

Product configuration: P201

Product characteristics

Total lighting output [Lm]: 3439.6	Total luminous flux at or above an angle of 90° [Lm]: 0
Total power [W]: 32.4	Emergency luminous flux [Lm]: /
Luminous efficacy [Lm/W]: 106.2	Voltage [V]: -
Life Time: 50,000h - L80 - B10 (Ta 25°C)	Number of optical assemblies: 1

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 80	Number of lamps for optical assembly: 1
Lamp code: LED	Socket: /
ZVEI Code: LED	Ballast losses [W]: 5.4
Nominal power [W]: 27	Colour temperature [K]: 3000
Nominal luminous [Lm]: 4300	CRI: 80
Lamp maximum intensity [cd]: /	Wavelength [Nm]: /
Beam angle [°]: /	MacAdam Step: 3

Polar

Imax=1200 cd		**CIE**
		nL 0.80
90° 180° 90°		47-78-95-100-80
		UGR 21.5-20.9
		DIN
		A.41
		UTE
		0.80E+0.00T
1000		F"1=468
		F"1+F"2=783
		F"1+F"2+F"3=954
		CIBSE
0°		BZ5
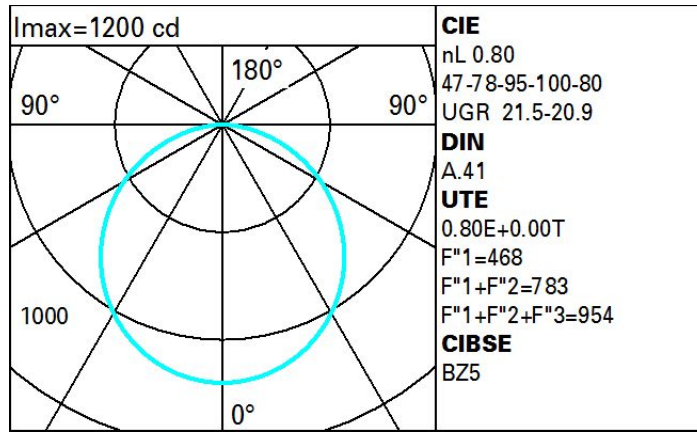
Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	52	44	38	33	42	37	36	31	39
1.0	58	50	44	39	48	43	42	37	46
1.5	66	59	54	50	58	53	52	47	59
2.0	71	65	61	57	64	60	59	54	68
2.5	74	69	66	62	68	64	63	59	73
3.0	76	72	69	66	70	68	66	62	78
4.0	79	75	73	70	74	71	70	66	83
5.0	80	77	75	73	76	74	72	69	86

Luminance curve limit

QC	A	G	1.15	2000	1000	500		<=300		
	B		1.50		2000	1000	750	500	<=300	
	C		1.85			2000		1000	500	<=300

C0-180 ——— C90-270 - - - - - - -
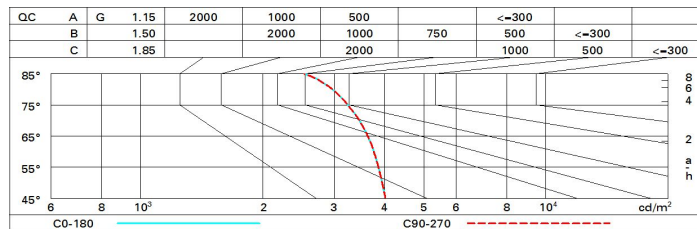
UGR diagram

Corrected UGR values (at 4300 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 x	y			viewed crosswise					viewed endwise		
2H	2H	17.4	18.6	17.7	18.9	19.2	17.4	18.6	17.7	18.9	19.2
	3H	19.0	20.1	19.4	20.4	20.7	17.9	19.0	18.3	19.3	19.6
	4H	19.6	20.7	20.0	21.0	21.3	18.1	19.1	18.5	19.5	19.8
	6H	20.1	21.1	20.5	21.4	21.8	18.2	19.1	18.6	19.5	19.8
	8H	20.3	21.2	20.7	21.6	21.9	18.2	19.1	18.6	19.5	19.8
	12H	20.4	21.3	20.8	21.6	22.0	18.2	19.1	18.6	19.4	19.8
4H	2H	18.1	19.1	18.5	19.5	19.8	19.6	20.7	20.0	21.0	21.3
	3H	19.9	20.8	20.3	21.1	21.5	20.3	21.2	20.7	21.6	21.9
	4H	20.6	21.4	21.0	21.8	22.2	20.6	21.4	21.0	21.8	22.2
	6H	21.2	21.9	21.7	22.3	22.8	20.9	21.6	21.3	22.0	22.4
	8H	21.5	22.1	21.9	22.5	23.0	20.9	21.6	21.4	22.0	22.4
	12H	21.6	22.2	22.1	22.6	23.1	20.9	21.5	21.4	22.0	22.4
8H	4H	20.9	21.6	21.4	22.0	22.4	21.5	22.1	21.9	22.5	23.0
	6H	21.7	22.2	22.2	22.7	23.2	21.8	22.4	22.3	22.8	23.3
	8H	22.0	22.4	22.5	22.9	23.4	22.0	22.4	22.5	22.9	23.4
	12H	22.2	22.6	22.7	23.1	23.6	22.1	22.5	22.6	23.0	23.5
12H	4H	20.9	21.5	21.4	22.0	22.4	21.6	22.2	22.1	22.6	23.1
	6H	21.7	22.2	22.2	22.7	23.2	22.0	22.5	22.5	22.9	23.4
	8H	22.1	22.5	22.6	23.0	23.5	22.2	22.6	22.7	23.1	23.6

Variations with the observer position at spacing:

S =	1.0H	0.1 / -0.1	0.1 / -0.1
	1.5H	0.2 / -0.3	0.2 / -0.3
	2.0H	0.4 / -0.5	0.4 / -0.5