

Last information update: June 2018

**iPlan - neutral white - UGR<19 with L<3,000 cd/m2 for $\alpha \geq 65^\circ$ - DALI****Product code**

N267

Technical description

Direct emission recessed or ceiling-mounted luminaire designed to use neutral white 4000K high colour rendering LEDs. Anodised aluminium perimeter profile. The micro-prismatic diffuser screen, combined with an inner screen and diffusing film, allows optimum diffusion of the direct light and controlled luminance UGR<19 with L<3,000 cd/m2 for $\alpha \geq 65^\circ$ ideal for environments where video monitors are used. The LEDs are arranged inside the perimeter and the DALI driver is housed in the product.

Installation

Recessed in plasterboard false ceilings (using accessory frame), in false ceilings with frame, in modular false ceilings (even 625 x 625 mm using accessory adapter); possibility of ceiling-mounting using kit to be ordered separately as an accessory

Dimension (mm)

600x600x26

Colour

Aluminium (12)

Weight (Kg)

7.8

Mounting

ceiling pendant

Wiring

Product complete with DALI electronic components

Complies with EN60598-1 and pertinent regulations



IP20



IP43

On the visible part of the product once installed



pending

Product configuration: N267**Product characteristics**

Total lighting output [Lm]: 4209
Total power [W]: 40.5
Luminous efficacy [Lm/W]: 103.9
Life Time: > 50,000h - L80 - B10 (Ta 25°C)

Total luminous flux at or above an angle of 90° [Lm]: 0
Emergency luminous flux [Lm]: /
Voltage [V]: -
Number of optical assemblies: 1

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 69
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 36
Nominal luminous [Lm]: 6100
Lamp maximum intensity [cd]: /
Beam angle [$^\circ$]: /

Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 4.5
Colour temperature [K]: 4000
CRI: 80
Wavelength [Nm]: /
MacAdam Step: 3

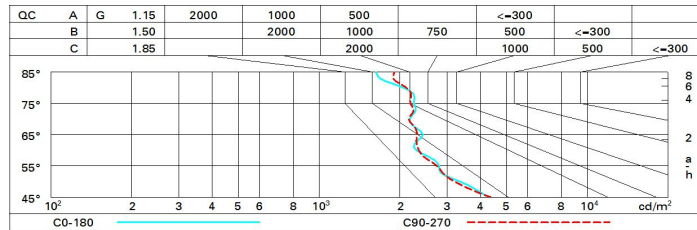
Polar

Imax=2015 cd		C35-215		CIE		Lux			
90°	180°	90°		nL 0.69	h	d1	d2	Em	Emax
				65-89-97-100-69	2	3.9	3.9	349	504
				UGR 18.3-17.7	4	7.7	7.7	87	126
				DIN	6	11.6	11.6	39	56
				A.51	8	15.5	15.5	22	31
				UTE					
				0.69C+0.00T					
				F*1=648					
				F*1+F*2=886					
				F*1+F*2+F*3=971					
				CIBSE					
				LG3 L<3000 cd/m ² at 65°					
				UGR<19 L<3000 cd/mq @65°					
$\alpha = 88^\circ$									

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	51	45	41	38	44	40	40	36	52
1.0	55	50	46	43	49	45	45	41	59
1.5	61	57	53	50	56	53	52	48	70
2.0	65	61	58	56	60	57	56	53	77
2.5	67	64	61	59	62	60	60	56	82
3.0	68	66	64	62	64	62	61	59	85
4.0	70	68	66	65	66	65	64	61	88
5.0	71	69	68	66	68	66	65	63	91

Luminance curve limit



UGR diagram

Corrected UGR values (at ϕ 100 lm bare lamp luminous flux)											
Reflect.:		viewed crosswise					viewed endwise				
ceiling/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	15.5	16.5	15.8	16.7	17.0	15.5	16.5	15.8	16.7	17.0
	3H	16.4	17.3	16.7	17.6	17.9	15.7	16.6	16.0	16.9	17.2
	4H	16.9	17.7	17.2	18.0	18.3	15.8	16.6	16.1	16.9	17.2
	6H	17.3	18.1	17.7	18.4	18.7	15.8	16.5	16.2	16.9	17.2
	8H	17.5	18.2	17.8	18.5	18.9	15.8	16.5	16.2	16.8	17.2
	12H	17.6	18.3	17.9	18.6	19.0	15.8	16.4	16.1	16.8	17.2
4H	2H	15.8	16.6	16.1	16.9	17.2	16.9	17.7	17.2	18.0	18.3
	3H	16.9	17.6	17.3	17.9	18.3	17.3	18.0	17.7	18.3	18.7
	4H	17.5	18.1	17.9	18.5	18.9	17.5	18.1	17.9	18.5	18.9
	6H	18.1	18.6	18.5	19.0	19.5	17.7	18.2	18.1	18.6	19.1
	8H	18.3	18.8	18.7	19.2	19.7	17.7	18.2	18.2	18.7	19.1
	12H	18.4	18.9	18.9	19.3	19.8	17.8	18.2	18.2	18.7	19.1
8H	4H	17.7	18.2	18.2	18.7	19.1	18.3	18.8	18.8	19.2	19.7
	6H	18.5	18.9	19.0	19.4	19.9	18.7	19.1	19.2	19.5	20.0
	8H	18.8	19.2	19.3	19.7	20.2	18.9	19.2	19.3	19.7	20.2
	12H	19.1	19.4	19.6	19.9	20.4	19.0	19.3	19.5	19.8	20.3
	12H	19.1	19.4	19.6	19.9	20.4	19.0	19.3	19.5	19.8	20.3
12H	4H	17.8	18.2	18.2	18.7	19.1	18.5	18.9	19.0	19.4	19.8
	6H	18.6	19.0	19.1	19.4	19.9	18.9	19.3	19.4	19.7	20.2
	8H	19.0	19.3	19.5	19.8	20.3	19.1	19.4	19.6	19.9	20.5
Variations with the observer position at spacing:											
S =	1.0H	0.4 / -0.3					0.4 / -0.3				
	1.5H	1.0 / -0.7					1.0 / -0.7				
	2.0H	1.8 / -1.0					1.8 / -1.0				