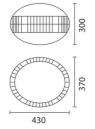
Design Paul Andreu

iGuzzini

Last information update: June 2018





up/down emission - neutral white - DALI

Product code

N310

Technical description

Luminaire consiting of two polycarbonate shells with a photoengraved surface for optimal light diffusion. The shells are closed with specific supports that the suspension cables (accessories) are connected to. The coupling between the shells is made watertight by a silicone gasket located around the edge and a M24 nickel-plated brass cable gland for the power supply cable outlet. Double reflector in microperforated aluminium for up/down emission complete with microprismatic glass covers. Product with 2 x neutral white 4,000K colour tone C.o.B. LEDs, one positioned at the top of the plate for up emission (30%) and the other at the bottom for down emission (70%)

Installation

Ceiling-mounted with suspension cables to be ordered separately

Dimension (mm)

430x370x300

Colour

Nitric (65)

Weight (Kg)

5.44

Mounting

ceiling surface

Wiring

Product complete with DALI components

Complies with EN60598-1 and pertinent regulations

IP66













Product configuration: N310

Product characteristics

Total lighting output [Lm]: 4969 Total power [W]: 50.9 Luminous efficacy [Lm/W]: 97.6

Life Time: > 50,000h - L80 - B10 (Ta 25°C)

Total luminous flux at or above an angle of 90° [Lm]: 1524

Emergency luminous flux [Lm]: / Voltage [V]: -

Number of optical assemblies: 1

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 71 Lamp code: LED

Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 45
Nominal luminous [Lm]: 7000
Lamp maximum intensity [cd]: /
Beam angle [°]: /

Number of lamps for optical assembly: 1

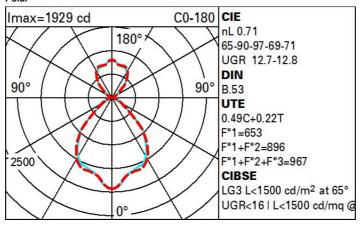
Socket: /

Ballast losses [W]: 5.9 Colour temperature [K]: 4000

CRI: 80

Wavelength [Nm]: / MacAdam Step: 2

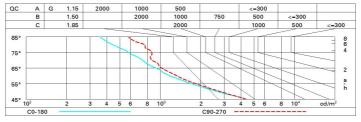
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	46	40	36	33	37	33	31	26	52
1.0	50	44	40	37	41	38	35	29	59
1.5	56	51	48	45	47	44	41	35	70
2.0	59	56	53	50	51	49	45	38	77
2.5	61	58	56	54	53	51	47	40	82
3.0	63	60	58	56	55	53	49	42	85
4.0	64	62	60	59	57	56	51	43	88
5.0	65	64	62	61	58	57	52	44	90

Luminance curve limit



UGR diagram

Riflect.: ceil/cav walls work pl. Room dim																				
		0.70 0.50 0.20	0.70 0.30 0.20	0.50 0.50 0.20 viewed	0.50 0.30 0.20	0.30 0.30 0.20	0.70 0.50 0.20	0.70 0.30 0.20	0.50 0.50 0.20	0.50 0.30 0.20	0.30 0.30 0.20									
															viewed					
												X	У	crosswise						endwise
		2H	2H	12.0	12.7	12.7	13.4	14.2	12.2	12.9	12.9	13.6	14.4							
ЗН	12.3		12.9	13.0	13.6	14.5	12.2	12.8	13.0	13.6	14.4									
4H	12.4		12.9	13.1	13.7	14.6	12.2	12.7	12.9	13.5	14.4									
бН	12.4		13.0	13.2	13.7	14.6	12.1	12.6	12.9	13.4	14.3									
нв	12.4		13.0	13.2	13.7	14.7	12.0	12.6	12.8	13.3	14.2									
12H	12.5		12.9	13.3	13.7	14.7	12.0	12.5	12.8	13.3	14.2									
4H	2H	12.0	12.6	12.7	13.3	14.2	12.7	13.3	13.5	14.1	14.9									
	ЗН	12.4	12.8	13.1	13.6	14.6	12.9	13.3	13.6	14.1	15.1									
	4H	12.5	13.0	13.3	13.7	14.7	12.9	13.3	13.7	14.1	15.1									
	бН	12.7	13.0	13.5	13.9	14.9	12.9	13.2	13.7	14.1	15.1									
	HS	12.7	13.1	13.6	13.9	14.9	12.8	13.2	13.7	14.0	15.0									
	12H	12.8	13.1	13.6	13.9	14.9	12.8	13.1	13.7	14.0	15.0									
8Н	4H	12.5	12.9	13.4	13.7	14.7	13.4	13.7	14.2	14.5	15.5									
	бН	12.7	13.0	13.6	13.9	14.9	13.5	13.7	14.3	14.6	15.6									
	нв	12.8	13.1	13.7	14.0	15.0	13.5	13.7	14.4	14.6	15.7									
	12H	12.9	13.2	13.8	14.0	15.1	13.5	13.7	14.4	14.6	15.7									
12H	4H	12.5	12.8	13.3	13.6	14.7	13.5	13.8	14.3	14.6	15.7									
	6H	12.7	13.0	13.6	13.8	14.9	13.6	13.9	14.5	14.7	15.8									
	HS	12.9	13.1	13.8	14.0	15.0	13.7	13.9	14.6	14.8	15.9									
Varia	itions wi	th the ob	server p	osition	at spacin	g:														
S =	1.0H	0.8 / -1.2					0.7 / -1.0													
	1.5H	2.0 / -2.0					1.8 / -1.6													
	2.0H	3.5 / -2.4					3.1 / -1.9													