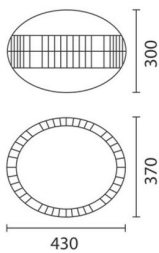


Last information update: April 2024

Product configuration: N308

N308: downlight emission - neutral white - DALI

**Product code**N308: downlight emission - neutral white - DALI **Attention! Code no longer in production****Technical description**

Luminaire consisting 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. The superpure microperforated aluminium surface of the reflector is protected by a microprismatic glass cover. Product complete with neutral white 4,000K colour tone C.o.B. LEDs positioned on the support plate of the two shells.

Installation

Ceiling-mounted with suspension cables to be ordered separately.

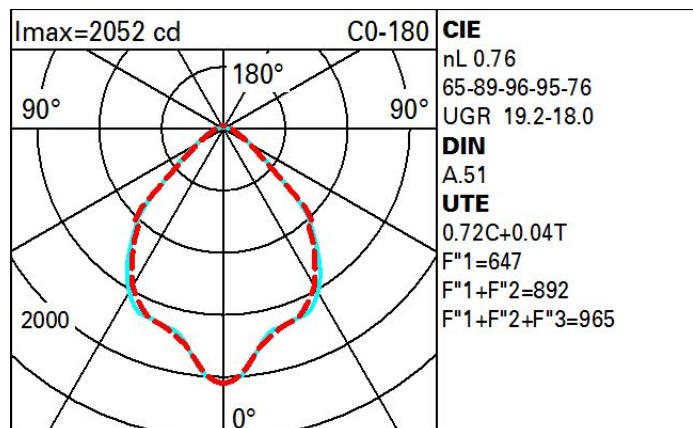
Colour
Nitric (65)**Weight (Kg)**
5.44**Mounting**
ceiling surface**Wiring**

Product complete with DALI components

Complies with EN60598-1 and pertinent regulations

**Technical data**

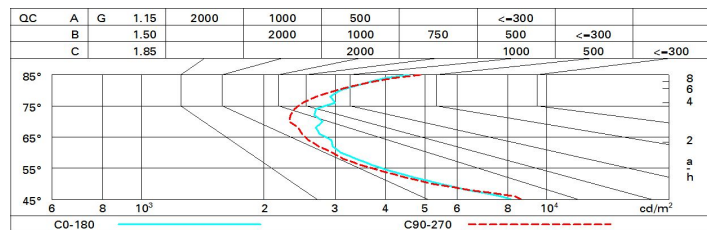
lm system:	3799	Colour temperature [K]:	4000
W system:	34.1	MacAdam Step:	2
lm source:	5000	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
W source:	31	Lamp code:	LED
Luminous efficiency (lm/W, real value):	111.4	Number of lamps for optical assembly:	1
lm in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	196	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	76	Control:	DALI
CRI:	80		

Polar

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	55	48	44	40	47	43	42	37	52
1.0	59	53	49	46	52	48	47	42	59
1.5	66	61	57	54	59	56	55	50	70
2.0	70	66	63	60	64	61	60	55	77
2.5	72	69	66	64	67	64	63	59	81
3.0	73	71	68	66	69	67	65	61	85
4.0	75	73	71	69	71	69	67	63	88
5.0	76	74	73	71	72	71	69	65	90

Luminance curve limit



UGR diagram

Corrected UGR values (at 5000 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
2H	2H	16.6	17.5	17.0	17.8	18.2	16.4	17.3	16.8	17.7	18.0
	3H	17.2	18.0	17.6	18.4	18.8	16.6	17.4	17.0	17.7	18.1
	4H	17.6	18.3	18.0	18.7	19.2	16.6	17.3	17.0	17.7	18.2
	6H	18.0	18.7	18.4	19.1	19.6	16.6	17.3	17.0	17.7	18.2
	8H	18.2	18.9	18.7	19.3	19.8	16.6	17.3	17.0	17.7	18.1
	12H	18.5	19.1	18.9	19.6	20.0	16.6	17.2	17.0	17.6	18.1
4H	2H	16.7	17.5	17.2	17.9	18.3	17.2	18.0	17.7	18.4	18.8
	3H	17.6	18.3	18.1	18.7	19.2	17.6	18.3	18.1	18.7	19.2
	4H	18.2	18.8	18.7	19.3	19.8	17.8	18.4	18.3	18.8	19.3
	6H	18.8	19.3	19.4	19.8	20.4	18.0	18.5	18.5	19.0	19.5
	8H	19.2	19.6	19.7	20.1	20.7	18.0	18.5	18.6	19.0	19.6
	12H	19.5	20.0	20.1	20.5	21.1	18.1	18.5	18.6	19.0	19.6
8H	4H	18.5	18.9	19.0	19.4	20.0	18.7	19.2	19.3	19.7	20.3
	6H	19.3	19.7	19.9	20.3	20.9	19.1	19.5	19.7	20.0	20.6
	8H	19.9	20.2	20.4	20.8	21.4	19.3	19.7	19.9	20.2	20.8
	12H	20.4	20.7	21.0	21.3	21.9	19.6	19.9	20.2	20.4	21.1
12H	4H	18.5	18.9	19.0	19.4	20.0	19.2	19.6	19.7	20.1	20.7
	6H	19.5	19.8	20.0	20.3	21.0	19.7	20.0	20.2	20.6	21.2
	8H	20.1	20.4	20.7	21.0	21.6	20.0	20.3	20.6	20.8	21.5
Variations with the observer position at spacing:											
S =	1.0H	0.4 / -0.4					0.5 / -0.5				
	1.5H	0.8 / -0.7					0.9 / -0.9				
	2.0H	1.5 / -1.0					1.6 / -1.1				