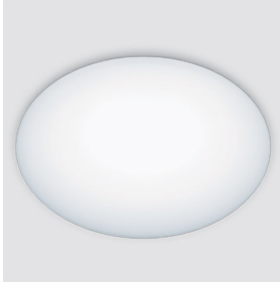


Last information update: May 2025

Product configuration: QN59

QN59: Surface-mounted luminaire - Warm white Low Flux - DALI - diffused light

**Product code**QN59: Surface-mounted luminaire - Warm white Low Flux - DALI - diffused light **Attention! Code no longer in production****Technical description**

Diffused light ceiling- / wall-mounted luminaire. LED lamps. Fixing plate made of shaped sheet steel which is painted white. Aluminium LED support acts as a heat sink. Opal PMMA diffuser screen - the shape and finish give uniform, comfortable light emission. Warm white high efficiency LED

Installation

Ceiling- or wall-mounted. Plate is fixed to surface using screws and screw anchors (not supplied). LED unit removable using easy-lock system. Thermoplastic screen manually fixed on plate with rotation springs.

Colour

White (01)

Weight (Kg)

2.18

Mounting

wall surface|ceiling surface

Wiring

quick-coupling terminal block on fixing plate; set up for pass-through wiring between two or more luminaires; quick-connector links control gear box and removable LED unit.

Complies with EN60598-1 and pertinent regulations

**Technical data**

lm system:	3698	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
W system:	30.2	Lamp code:	LED
lm source:	4300	Number of lamps for optical assembly:	1
W source:	27	ZVEI Code:	LED
Luminous efficiency (lm/W, real value):	122.5	Number of optical assemblies:	1
lm in emergency mode:	-	Power factor:	See installation instructions
Total light flux at or above an angle of 90° [Lm]:	257	Inrush current:	28 A / 165 µs
Light Output Ratio (L.O.R.) [%]:	86	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 17 luminaires B16A: 28 luminaires C10A: 29 luminaires C16A: 47 luminaires
CRI (minimum):	80	Minimum dimming %:	1
Colour temperature [K]:	3000	Overvoltage protection:	2kV Common mode & 1kV Differential mode
MacAdam Step:	3	Control:	DALI-2

Polar

Imax=1085 cd		CIE nL 0.86 43-72-91-93-86 DIN A.31 UTE 0.80G+0.06T F*1=427 F*1+F*2=725 F*1+F*2+F*3=907 CIBSE LG3 L<1500 cd/m² at 65°	Lux			
90°	180°		h	d	Em	E _{max}
1000	0°		1	3.3	610	1085
			2	6.5	152	271
			3	9.8	68	121
			4	13.1	38	68

α = 117°

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	53	44	37	32	42	36	35	28	36
1.0	59	50	43	38	48	42	41	34	42
1.5	67	60	54	49	57	52	50	44	55
2.0	73	66	61	57	63	59	57	51	63
2.5	76	70	66	62	68	64	62	55	69
3.0	78	73	69	66	70	67	65	59	73
4.0	81	77	74	71	74	71	69	63	79
5.0	83	79	76	74	76	74	71	66	82
