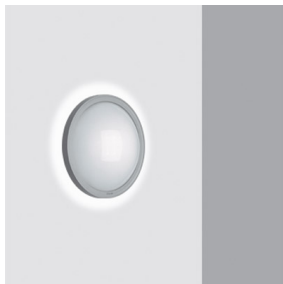


Last information update: February 2023

Product configuration: B831+1725

B831: Wall-/ceiling-mounting with halo - ø 280

**Product code**B831: Wall-/ceiling-mounting with halo - ø 280 **Attention! Code no longer in production****Technical description**

Luminaire for diffused lighting with halo, for use with 20W TC-TSE 60W A60 fluorescent lamps. Fitting has a component compartment, frame, and diffusing screen. The polycarbonate compartment houses quick-connecting terminals and a PG11 cable clamp. Lamp-holder plate made of white painted and pre-coated zinc iron. Isolating disk for lamp holder made of black plastic. Transparent silicone gasket. The exterior frame is made of polycarbonate and secured to the body via a bayonet system and a stainless steel sunken hexagonal screw. The diffusing screen is made of moulded polycarbonate printed with an interior texture. All screws are A2 stainless steel.

Installation

Wall and Ceiling.

Colour

White (01) | Grey (15)

Mounting

wall arm|wall surface|ceiling surface

Wiring

This product does not have a transformer.

Complies with EN60598-1 and pertinent regulations



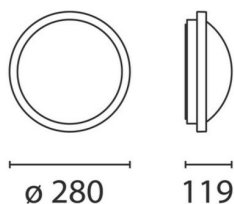
850°C

IK09

IP66



pending

**Technical data**

lm system:	430.6	Colour temperature [K]:	2800
W system:	60	Ballast losses [W]:	0
lm source:	730	Voltage [Vin]:	230
W source:	60	Lamp code:	1725
Luminous efficiency (lm/W, real value):	7.2	Socket:	E27
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	30	ZVEI Code:	A 60
Light Output Ratio (L.O.R.) [%]:	59	Number of optical assemblies:	1
CRI:	100	Intervallum temperatura ambiente:	from -20°C to +35°C.

Polar

Imax=112 cd		C135-315		Lux	
h	d1	d2	Em	Emax	
1	4.1	4.2	59	112	
2	8.2	8.4	15	28	
3	12.3	12.6	7	12	
4	16.4	16.8	4	7	

 $\alpha = 128^\circ / 129^\circ$

UGR diagram

Corrected UGR values (at 730 lm bare lamp luminous flux)												
Reflect.: ceiling walls work pl. Room dim x y		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30	0.30
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30	0.30
		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
		viewed crosswise					viewed endwise					
2H	2H	12.8	14.0	13.2	14.4	14.9	13.3	14.5	13.7	14.9	15.4	
	3H	14.6	15.8	15.1	16.2	16.7	13.8	14.9	14.2	15.3	15.8	
	4H	15.5	16.6	16.0	17.0	17.5	14.0	15.0	14.4	15.5	16.0	
	6H	16.3	17.3	16.8	17.8	18.3	14.1	15.0	14.6	15.5	16.0	
	8H	16.7	17.7	17.2	18.2	18.7	14.1	15.0	14.6	15.5	16.0	
	12H	17.1	18.0	17.6	18.5	19.0	14.1	15.0	14.6	15.5	16.0	
4H	2H	13.5	14.6	14.0	15.0	15.5	16.2	17.2	16.7	17.7	18.2	
	3H	15.5	16.5	16.1	17.0	17.5	16.9	17.8	17.4	18.3	18.8	
	4H	16.5	17.4	17.1	17.9	18.5	17.2	18.0	17.7	18.5	19.1	
	6H	17.5	18.3	18.1	18.8	19.4	17.4	18.2	18.0	18.7	19.3	
	8H	18.0	18.7	18.6	19.2	19.8	17.5	18.2	18.1	18.8	19.4	
	12H	18.4	19.1	19.0	19.6	20.2	17.6	18.2	18.2	18.8	19.4	
8H	4H	17.0	17.6	17.5	18.2	18.8	18.8	19.4	19.3	20.0	20.6	
	6H	18.1	18.7	18.7	19.3	19.9	19.2	19.8	19.8	20.4	21.0	
	8H	18.7	19.2	19.3	19.8	20.5	19.4	19.9	20.0	20.5	21.2	
	12H	19.3	19.7	19.9	20.3	21.0	19.6	20.1	20.2	20.7	21.4	
12H	4H	17.0	17.6	17.6	18.2	18.8	19.2	19.9	19.8	20.4	21.1	
	6H	18.3	18.8	18.9	19.4	20.0	19.8	20.3	20.4	20.9	21.6	
	8H	18.9	19.4	19.5	20.0	20.7	20.1	20.5	20.7	21.1	21.8	
Variations with the observer position at spacing:												
S =	1.0H	0.1 / -0.1					0.1 / -0.1					
	1.5H	0.2 / -0.2					0.2 / -0.2					
	2.0H	0.2 / -0.3					0.2 / -0.3					