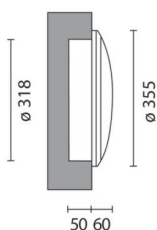
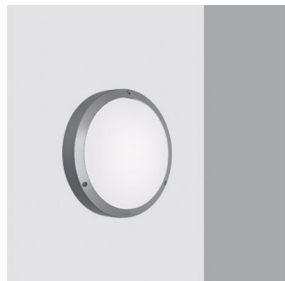


Last information update: February 2023

Product configuration: B554+1686

B554: Recessed full

**Product code**B554: Recessed full **Attention! Code no longer in production****Technical description**

Wall and ceiling luminaire for public residential areas using 26/32/42W TC-TEL compact fluorescent lamps. The body and the frame are made of die-cast aluminium. Complete with the diffuser in textured glass with internal paint finish. Polycarbonate component-holding box with polycarbonate cover. Stainless steel screws with hexagonal head. EPDM perimetral seal for through wiring by means of PG11 cable-clamp.

Installation

The fitting can be fixed to the ceiling or recessed into the wall. Hole diameter 318 mm, depth 50 mm. A polystyrene body moulding cover (code 0043) is placed in the formwork to either create the housing for the luminaire in the concrete or to finish the housing in the wall.

Colour

White (01) | Grey (15)

Mounting

wall recessed

Wiring

Wiring contained in the body of the fitting: 230V 50Hz low loss electronic ballasts, 3-pole fast coupling terminal boards, possibility of separate starting for each lamp, silicone cables, radio interference filter.

Complies with EN60598-1 and pertinent regulations



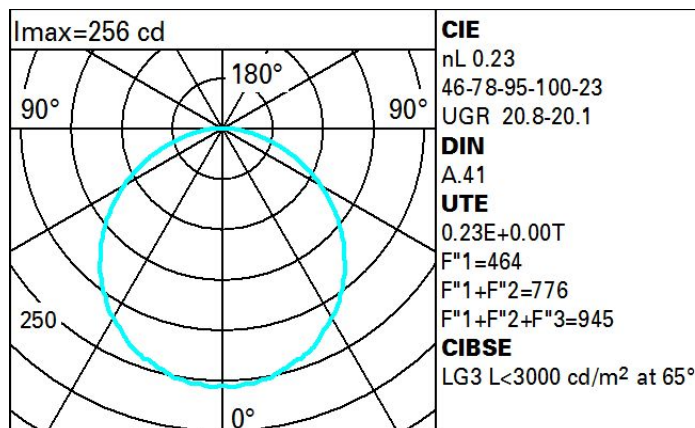
850°C

IK04

IP66

**Technical data**

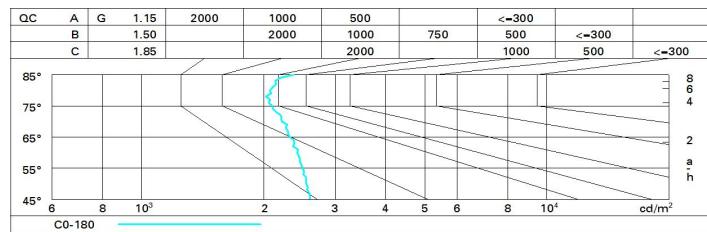
Im system:	742	Colour temperature [K]:	2700
W system:	46	Ballast losses [W]:	4
Im source:	3200	Voltage [Vin]:	230
W source:	42	Lamp code:	1686
Luminous efficiency (Im/W, real value):	16.1	Socket:	GX24q-4
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	TC-TEL
Light Output Ratio (L.O.R.) [%]:	23	Number of optical assemblies:	1
CRI:	90	Intervallum temperatura ambiente:	from -20°C to +35°C.

Polar

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	15	13	11	10	12	11	11	9	39
1.0	17	14	13	11	14	12	12	11	46
1.5	19	17	16	14	17	15	15	14	58
2.0	20	19	18	17	18	17	17	16	67
2.5	21	20	19	18	20	19	18	17	73
3.0	22	21	20	19	20	19	19	18	77
4.0	23	22	21	20	21	21	20	19	82
5.0	23	22	22	21	22	21	21	20	85

Luminance curve limit



UGR diagram

Corrected UGR values (at 2500 lm bare lamp luminous flux)											
Reflect.: ceil/cav 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
		0.50	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
		viewed crosswise					viewed endwise				
2H	2H	16.6	17.8	16.9	18.1	18.4	16.6	17.8	16.9	18.1	18.4
	3H	18.2	19.3	18.6	19.6	19.9	17.1	18.2	17.5	18.5	18.8
	4H	18.8	19.9	19.2	20.2	20.5	17.3	18.4	17.7	18.7	19.0
	6H	19.4	20.3	19.7	20.7	21.0	17.4	18.4	17.8	18.7	19.0
	8H	19.6	20.5	20.0	20.9	21.2	17.4	18.3	17.8	18.7	19.0
	12H	19.8	20.7	20.2	21.0	21.4	17.4	18.3	17.8	18.6	19.0
4H	2H	17.3	18.4	17.7	18.7	19.0	18.8	19.9	19.2	20.2	20.5
	3H	19.1	20.0	19.5	20.3	20.7	19.5	20.4	19.9	20.8	21.2
	4H	19.8	20.6	20.2	21.0	21.4	19.8	20.6	20.2	21.0	21.4
	6H	20.5	21.2	20.9	21.6	22.1	20.1	20.8	20.5	21.2	21.6
	8H	20.8	21.4	21.2	21.9	22.3	20.1	20.8	20.6	21.2	21.7
	12H	21.0	21.6	21.5	22.1	22.5	20.2	20.8	20.6	21.2	21.7
8H	4H	20.1	20.8	20.6	21.2	21.7	20.8	21.4	21.2	21.9	22.3
	6H	21.0	21.5	21.5	22.0	22.5	21.2	21.7	21.7	22.2	22.7
	8H	21.4	21.8	21.9	22.3	22.8	21.4	21.8	21.9	22.3	22.8
	12H	21.7	22.2	22.3	22.6	23.2	21.5	21.9	22.0	22.4	22.9
12H	4H	20.2	20.8	20.6	21.2	21.7	21.0	21.6	21.5	22.1	22.5
	6H	21.1	21.5	21.6	22.0	22.5	21.5	22.0	22.0	22.5	23.0
	8H	21.5	21.9	22.0	22.4	22.9	21.7	22.2	22.3	22.6	23.2
Variations with the observer position at spacing:											
S =	1.0H	0.1 / -0.1					0.1 / -0.1				
	1.5H	0.3 / -0.3					0.3 / -0.3				
	2.0H	0.3 / -0.5					0.3 / -0.5				