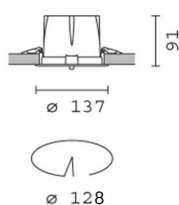


Last information update: May 2024

**Product configuration: Q185**

Q185: recessed luminaire Ø 137 - warm white passive dissipation integrated electronic control gear - flood

**Product code**Q185: recessed luminaire Ø 137 - warm white passive dissipation integrated electronic control gear - flood **Attention! Code no longer in production****Technical description**

recessed adjustable removable luminaire for LED lamp with passive heat dissipation system. Structure with die-cast aluminium frame and main body; shaped surface with high level radiant effect for effectively reducing the temperature and keeping the long-term LED lamp performance unchanged. Steel rotation hinge, chrome-plated aluminium body closing ring. Reflector with high efficiency super-pure aluminium optic - flood beam angle. Body adjusted using manually operated device: internal 45° - external 75° - rotation about axis 355°. Supplied with electronic control gear connected to the luminaire. Warm white high efficiency LED

**Installation**

recessed using special steel springs in false ceilings with thicknesses starting at 1 mm; preparation hole Ø 125

**Colour**

White / Aluminium (39) | Grey/Aluminium (78)

**Weight (Kg)**

1.02

**Mounting**

ceiling recessed

**Wiring**

on control gear box with quick-coupling connections

Complies with EN60598-1 and pertinent regulations

**Technical data**

lm system:	2367	CRI:	80
W system:	25.5	Colour temperature [K]:	3000
lm source:	3000	MacAdam Step:	2
W source:	22	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	92.8	Lamp code:	LED
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	79	Number of optical assemblies:	1
Beam angle [°]:	42°		

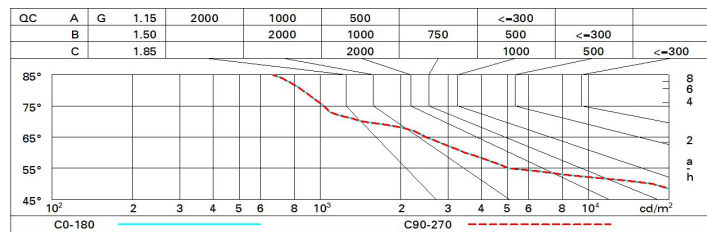
**Polar**

Imax=4072 cd		CIE nL 0.79 97-100-100-100-79 UGR 20.2-20.2 DIN A.61 UTE 0.79A+0.00T F*1=968 F*1+F*2=998 F*1+F*2+F*3=1000 CIBSE LG3 L<3000 cd/m² at 65°	Lux			
90°	180°		h	d	Em	Emax
			2	1.5	789	1018
			4	3.1	197	255
			6	4.6	88	113
			8	6.1	49	64
α=42°						

# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	70	66	64	61	66	63	63	60	76
1.0	73	70	67	66	69	67	67	64	81
1.5	77	75	73	71	74	72	71	69	87
2.0	80	78	77	75	77	76	75	72	92
2.5	82	80	79	78	79	78	77	75	95
3.0	83	82	81	80	80	79	78	76	97
4.0	84	83	82	82	81	81	80	78	99
5.0	84	84	83	83	82	82	80	79	100

# Luminance curve limit



# UGR diagram

Corrected UGR values (at 3000 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
2H	2H	20.8	21.5	21.1	21.7	21.9	20.8	21.5	21.1	21.7	21.9
	3H	20.7	21.3	21.0	21.5	21.8	20.7	21.3	21.0	21.5	21.8
	4H	20.6	21.1	20.9	21.4	21.7	20.6	21.1	20.9	21.4	21.7
	6H	20.5	21.0	20.9	21.3	21.7	20.5	21.0	20.9	21.3	21.7
	8H	20.5	21.0	20.8	21.3	21.6	20.5	21.0	20.8	21.3	21.6
	12H	20.4	20.9	20.8	21.2	21.6	20.4	20.9	20.8	21.2	21.6
4H	2H	20.6	21.1	20.9	21.4	21.7	20.6	21.1	20.9	21.4	21.7
	3H	20.4	20.9	20.8	21.2	21.6	20.4	20.9	20.8	21.2	21.6
	4H	20.3	20.8	20.7	21.1	21.5	20.3	20.8	20.7	21.1	21.5
	6H	20.3	20.6	20.7	21.0	21.4	20.3	20.6	20.7	21.0	21.4
	8H	20.2	20.6	20.7	21.0	21.4	20.2	20.5	20.7	21.0	21.4
	12H	20.2	20.5	20.6	20.9	21.4	20.2	20.5	20.6	20.9	21.4
8H	4H	20.2	20.5	20.7	21.0	21.4	20.2	20.6	20.7	21.0	21.4
	6H	20.1	20.4	20.6	20.8	21.3	20.1	20.4	20.6	20.8	21.3
	8H	20.1	20.3	20.6	20.8	21.3	20.1	20.3	20.6	20.8	21.3
	12H	20.0	20.2	20.5	20.7	21.2	20.0	20.2	20.5	20.7	21.2
12H	4H	20.2	20.5	20.6	20.9	21.4	20.2	20.5	20.6	20.9	21.4
	6H	20.1	20.3	20.6	20.8	21.3	20.1	20.3	20.6	20.8	21.3
	8H	20.0	20.2	20.5	20.7	21.2	20.0	20.2	20.5	20.7	21.2
Variations with the observer position at spacing:											
S =		1.0H					5.1 / -14.3				
		1.5H					7.9 / -16.4				
		2.0H					9.9 / -17.8				