

## Pixel Pro

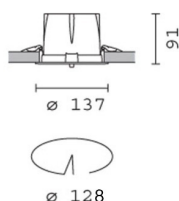
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### Product configuration: Q195

Q195: recessed luminaire Ø 137 - warm white passive dissipation LED - integrated DALI control gear - spot



### Product code

Q195: recessed luminaire Ø 137 - warm white passive dissipation LED - integrated DALI control gear - spot **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 - spot beam angle. Body adjusted using manually operated device: internal 30° - external 75° - rotation about axis 355°. Supplied with DALI dimmable control gear connected to the luminaire. Warm white high colour rendering index LED CRI (Ra) > 90.

### Installation

recessed using 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:	1925	CRI:	90
W system:	23.8	Colour temperature [K]:	3000
lm source:	2500	MacAdam Step:	2
W source:	21	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	80.9	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.) [%]:	77	Number of optical assemblies:	1
Beam angle [°]:	18°	Control:	DALI

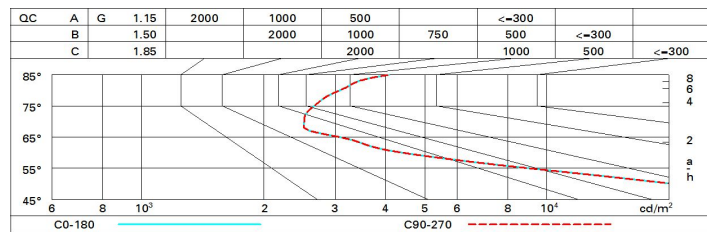
### Polar

 $\alpha = 18^\circ$	CIE nL 0.77 94-100-100-100-77 UGR 21.1-21.1 DIN A.61 UTE 0.77A+0.00T F*1=941 F*1+F*2=995 F*1+F*2+F*3=999				Lux			
	h	d	Em	Emax				
	2	0.6	1229	1542				
	4	1.3	307	385				
	6	1.9	137	171				
	8	2.5	77	96				

# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	68	63	61	58	63	60	60	57	74
1.0	71	67	65	63	66	64	64	61	79
1.5	75	72	70	68	71	69	69	66	86
2.0	78	76	74	73	75	73	72	70	91
2.5	79	78	76	75	77	75	75	72	94
3.0	80	79	78	77	78	77	76	74	96
4.0	81	80	80	79	79	79	77	75	98
5.0	82	81	81	80	80	79	78	76	99

# Luminance curve limit



# UGR diagram

Corrected UGR values (at 2500 lm bare lamp luminous flux)											
Reflect.: ceiling walls work pl. Room dim x y		viewed crosswise					viewed endwise				
2H	2H	21.9	23.4	22.2	23.7	24.0	21.9	23.4	22.2	23.7	24.0
	3H	21.8	22.9	22.1	23.2	23.5	21.8	22.9	22.1	23.2	23.5
	4H	21.7	22.7	22.0	23.0	23.4	21.7	22.7	22.0	23.0	23.4
	6H	21.5	22.7	21.9	23.0	23.4	21.5	22.7	21.9	23.0	23.4
	8H	21.5	22.6	21.9	23.0	23.4	21.5	22.6	21.9	23.0	23.3
	12H	21.5	22.6	21.9	22.9	23.3	21.4	22.5	21.8	22.9	23.3
4H	2H	21.7	22.7	22.0	23.0	23.4	21.7	22.7	22.0	23.0	23.4
	3H	21.4	22.6	21.9	22.9	23.3	21.5	22.6	21.9	22.9	23.3
	4H	21.3	22.4	21.8	22.8	23.2	21.3	22.4	21.8	22.8	23.2
	6H	21.2	22.4	21.6	22.8	23.3	21.2	22.4	21.6	22.8	23.2
	8H	21.1	22.4	21.6	22.8	23.3	21.1	22.4	21.5	22.8	23.3
	12H	21.0	22.4	21.5	22.9	23.4	20.9	22.4	21.4	22.8	23.3
8H	4H	21.1	22.4	21.5	22.8	23.3	21.1	22.4	21.6	22.8	23.3
	6H	20.9	22.3	21.4	22.7	23.2	20.9	22.3	21.4	22.7	23.2
	8H	20.9	22.1	21.4	22.6	23.1	20.9	22.1	21.4	22.6	23.1
	12H	21.0	21.9	21.5	22.4	22.9	21.0	21.8	21.5	22.3	22.9
12H	4H	20.9	22.4	21.4	22.8	23.3	21.0	22.4	21.5	22.9	23.4
	6H	20.9	22.1	21.4	22.6	23.1	20.9	22.1	21.4	22.6	23.1
	8H	21.0	21.8	21.5	22.3	22.9	21.0	21.9	21.5	22.4	22.9
Variations with the observer position at spacing:											
S =		3.8 / -10.2					3.8 / -10.2				
		6.5 / -12.2					6.5 / -12.2				
		8.5 / -12.7					8.5 / -12.7				