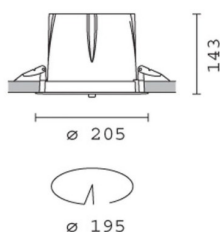


Last information update: May 2024

Product configuration: ME27

ME27: recessed luminaire Ø 205 - neutral white passive dissipation integrated electronic control gear - medium

**Product code**ME27: recessed luminaire Ø 205 - neutral white passive dissipation integrated electronic control gear - medium **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 - medium beam angle. Body adjusted using manually operated device: internal 30° - external 75° - rotation about axis 355°. Supplied with electronic control gear connected to the luminaire. Neutral white high efficiency LED

Installation

recessed using special steel springs in false ceilings with thicknesses starting at 1 mm; preparation hole Ø 195

Colour

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

Weight (Kg)

2.22

Mounting

ceiling recessed

Wiring

on control gear box with quick-coupling connections

Complies with EN60598-1 and pertinent regulations

**Technical data**

lm system:	4042	CRI:	80
W system:	35.8	Colour temperature [K]:	4000
lm source:	5000	MacAdam Step:	2
W source:	31	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	112.9	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.) [%]:	81	Number of optical assemblies:	1
Beam angle [°]:	18°		

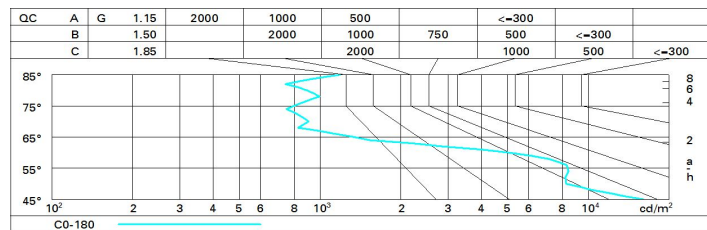
Polar

Imax=17587 cd		CIE		Lux			
				h	d	Em	Emax
		nL 0.81 97-100-100-100-81 UGR 18.4-18.4 DIN A.61 UTE 0.81A+0.00T F*1=968 F*1+F*2=997 F*1+F*2+F*3=1000 CIBSE LG3 L<1500 cd/m² at 65° UGR<19 L<1500 cd/mq @ 65°		2	0.6	3581	4397
				4	1.3	895	1099
				6	1.9	398	489
				8	2.5	224	275

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	72	68	65	63	67	65	64	62	76
1.0	75	72	69	67	71	68	68	65	81
1.5	79	77	75	73	76	74	73	71	87
2.0	82	80	78	77	79	77	77	74	92
2.5	84	82	81	80	81	80	79	77	95
3.0	85	84	83	82	82	81	80	78	97
4.0	86	85	84	84	83	83	82	80	99
5.0	86	86	85	85	84	84	82	80	100

Luminance curve limit



UGR diagram

Corrected UGR values (at 5000 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	19.2	20.9	19.6	21.2	21.5	19.2	20.9	19.6	21.2	21.5
	3H	19.1	20.3	19.4	20.6	20.9	19.1	20.3	19.5	20.6	20.9
	4H	19.0	20.1	19.4	20.4	20.7	19.0	20.1	19.4	20.4	20.7
	6H	18.9	20.0	19.3	20.3	20.7	18.9	20.0	19.3	20.3	20.7
	8H	18.9	19.9	19.3	20.3	20.6	18.9	19.9	19.3	20.3	20.6
	12H	18.8	19.9	19.2	20.2	20.6	18.8	19.9	19.2	20.2	20.6
4H	2H	19.0	20.1	19.4	20.4	20.7	19.0	20.1	19.4	20.4	20.7
	3H	18.8	19.9	19.2	20.2	20.6	18.8	19.9	19.2	20.2	20.6
	4H	18.7	19.7	19.1	20.1	20.5	18.7	19.7	19.1	20.1	20.5
	6H	18.5	19.8	18.9	20.2	20.7	18.5	19.8	18.9	20.2	20.7
	8H	18.4	19.8	18.8	20.3	20.7	18.4	19.8	18.8	20.3	20.7
	12H	18.2	19.8	18.7	20.3	20.8	18.2	19.8	18.7	20.3	20.8
8H	4H	18.4	19.8	18.8	20.3	20.7	18.4	19.8	18.8	20.3	20.7
	6H	18.2	19.7	18.7	20.1	20.6	18.2	19.7	18.7	20.1	20.7
	8H	18.2	19.4	18.7	19.9	20.5	18.2	19.4	18.7	19.9	20.5
	12H	18.3	19.2	18.8	19.7	20.2	18.3	19.2	18.8	19.7	20.2
12H	4H	18.2	19.8	18.7	20.3	20.8	18.2	19.8	18.7	20.3	20.8
	6H	18.2	19.4	18.7	19.9	20.5	18.2	19.4	18.7	19.9	20.5
	8H	18.3	19.2	18.8	19.7	20.2	18.3	19.2	18.8	19.7	20.2
Variations with the observer position at spacing:											
S =	1.0H	4.8 / -9.6					4.8 / -9.6				
	1.5H	7.5 / -15.2					7.5 / -15.2				
	2.0H	9.5 / -17.7					9.5 / -17.7				