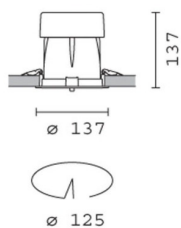


Last information update: April 2024

Product configuration: MD99+LED

MD99: recessed luminaire Ø 137 - neutral white active dissipation integrated electronic control gear - wide flood

**Product code**MD99: recessed luminaire Ø 137 - neutral white active dissipation integrated electronic control gear - wide flood **Attention! Code no longer in production****Technical description**

recessed adjustable removable luminaire for LED lamp with active heat dissipation system. Structure with die-cast aluminium frame and main body, steel rotation hinge, chrome-plated aluminium body closing ring. Forced heat dissipation using super-silent fan with magnetic anti-friction operation guaranteeing lasting efficiency and quietness, keeping LED lamp performance unchanged. The fan has an anti-dust protection system; safety thermal breaker and is set up for fast, easy replacement. Reflector with high efficiency super-pure aluminium optic - wide flood 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 125

Colour

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

Mounting

ceiling recessed

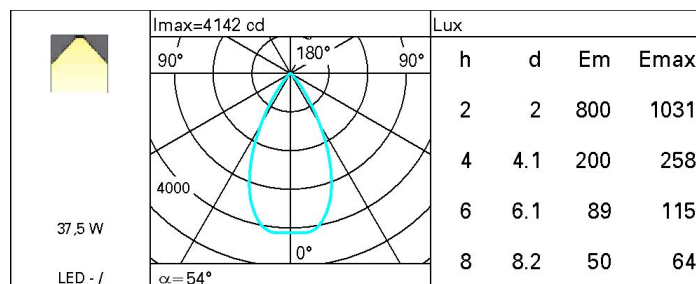
Wiring

on control gear box with quick-coupling connections

Complies with EN60598-1 and pertinent regulations

**Technical data**

lm system:	3117,2	CRI:	80
W system:	37,5	Colour temperature [K]:	4000
lm source:	4000	MacAdam Step:	3
W source:	32	Life Time LED 1:	50.000h - L80 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	83,1	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.) [%]:	78	Number of optical assemblies:	1
Beam angle [°]:	54°		

Polar

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	69	65	63	60	65	62	62	59	76
1.0	72	69	66	65	68	66	66	63	81
1.5	76	74	72	70	73	71	70	68	87
2.0	79	77	75	74	76	75	74	71	92
2.5	80	79	78	77	78	77	76	74	95
3.0	81	80	80	79	79	78	77	75	97
4.0	83	82	81	81	80	80	79	77	98
5.0	83	82	82	82	81	81	79	78	99

Luminance curve limit

