Pixel Pro

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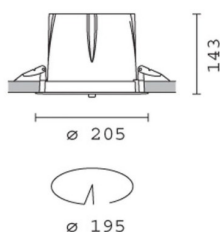
Last information update: May 2024

Product configuration: ME22+LED
ME22: recessed luminaire Ø 205 - neutral white passive dissipation integrated electronic control gear - flood

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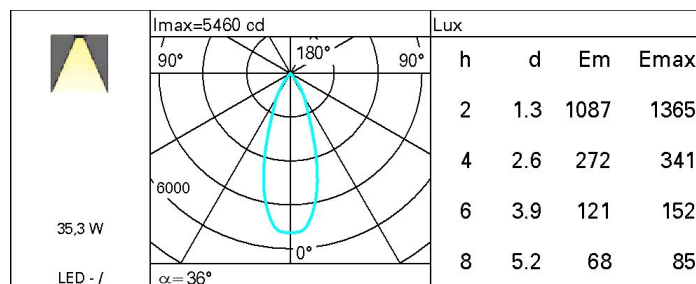White / Aluminium (39) | Grey/Aluminium (78)

Mounting
ceiling recessed

Wiring
on control gear box with quick-coupling connections

Complies with EN60598-1 and pertinent regulations

Technical data

lm system:	2457,6	CRI:	80
W system:	35,3	Colour temperature [K]:	4000
lm source:	3000	MacAdam Step:	3
W source:	30	Life Time LED 1:	50.000h - L80 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	69,6	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.) [%]:	82	Number of optical assemblies:	1
Beam angle [°]:	36°		

Polar

Imax=5460 cd

35,3 W

LED - /   α=36°

h	d	Em	Emax
2	1.3	1087	1365
4	2.6	272	341
6	3.9	121	152
8	5.2	68	85

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	74	70	67	65	69	67	66	64	78
1.0	77	73	71	69	73	70	70	67	82
1.5	81	78	76	74	77	75	75	72	88
2.0	83	81	80	79	80	79	78	76	93
2.5	85	83	82	81	82	81	80	78	95
3.0	86	85	84	83	84	83	82	80	97
4.0	87	86	86	85	85	84	83	81	99
5.0	87	87	87	86	86	85	84	82	100

Luminance curve limit

QC	A	G	1.15	2000	1000	500		<=300		
	B		1.50		2000	1000	750	500	<=300	
	C		1.85			2000		1000	500	<=300

C0-180