Pixel Pro

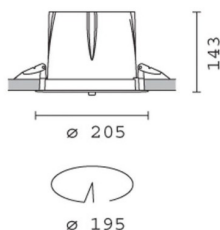**Design Iosa Ghini**   **iGuzzini**

Last information update: April 2024

Product configuration: MP04+LED
MP04: recessed luminaire Ø 205 - warm white passive dissipation LED - integrated DALI control gear - medium

Product code
MP04: recessed luminaire Ø 205 - warm white passive dissipation LED - integrated DALI 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 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 195

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

Mounting
ceiling recessed

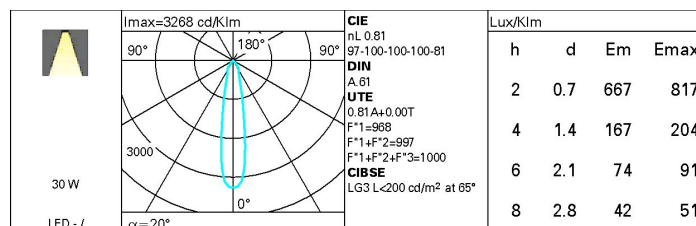### Wiring
on control gear box with quick-coupling connections

Complies with EN60598-1 and pertinent regulations

IP20   CE

Technical data

lm system:	2021,3	CRI:	90
W system:	30	Colour temperature [K]:	3000
lm source:	2500	MacAdam Step:	3
W source:	30	Lamp code:	LED
Luminous efficiency (lm/W, real value):	67,4	Number of lamps for optical assembly:	1
lm in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	81	Control:	DALI
Beam angle [°]:	20°		

Polar

Imax=3268 cd/Klm

30 W
LED - /

α=20°

CIE
nL 0.81
97-100-100-100-81
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<200 cd/m² at 65°

Lux/Klm			
h	d	Em	Emax
2	0.7	667	817
4	1.4	167	204
6	2.1	74	91
8	2.8	42	51

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

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	C90-270