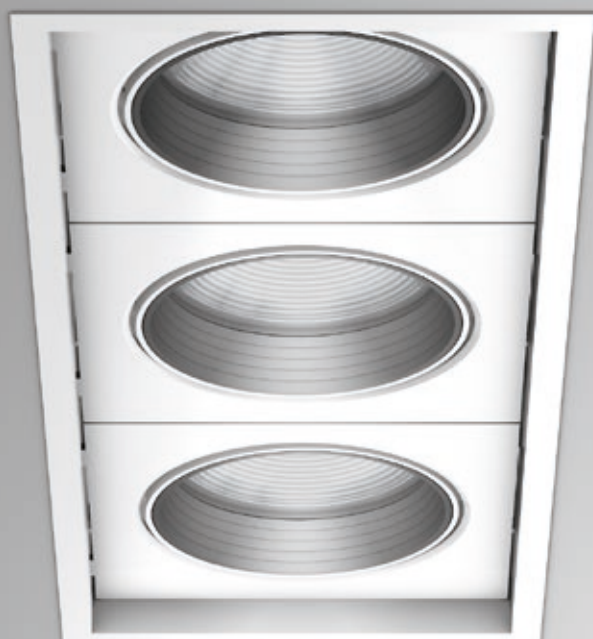
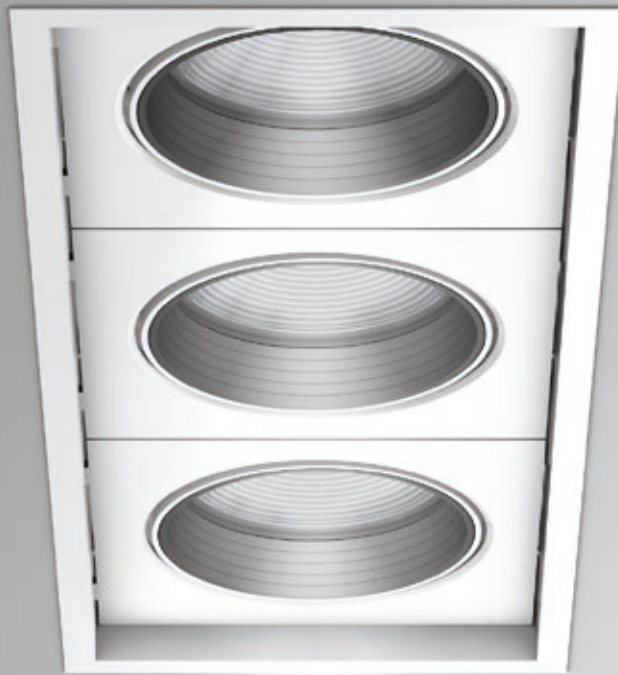




MAGCARD®

RECESSED PROJECTORS FOR INDOOR USE

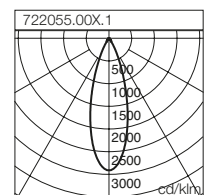


MAGCARDO®

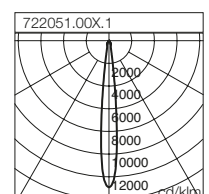
Recessed projectors

- Magnetic click locking mechanism for quick and convenient installation without tools: insert the recessed frame (1, 2 or 3-lamp) with clamp fastener (no tools required), push the luminaire head with the base plate into the recessed frame and fix magnetically
- Flexible adjustment, can be turned by 356° and swivelled by ± 35°
- Inner cover prevents view into the false ceiling
- Excellent light quality through freedom from flicker, uniformity of the light cone, glare control and light colour quality
- Equally suitable for reflector and lens technologies
- **MIRO-SILVER®** reflectors for outstanding efficiency or polycarbonate lenses for the best uniformity of the light cone, each with three different beam angles narrow, medium, wide
- Black plastic ring with recessed LED for suppressing glare from the side
- Different light colours: 830, 840 with Ra 82
- Further light colours 927, 930, 935, 940 with Ra 92 and with Maxi special food LEDs: champagne with Ra 97, meat and meat fresh available on request
- LED rated life 50,000 h (L80, B10)
- Good colour consistency within 3-steps MacAdam (3 SDCM)
- Converter with the best properties with respect to freedom from flicker and strobe effect
- Separate converter box with connecting cable
- Suitable for On/Off and DALI
- The following accessories can be mounted without use of tools: interchangeable lenses, hexagonal dots, diffusers clear and frosted, white interchangeable plastic ring

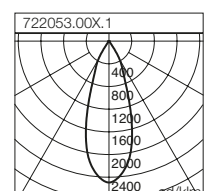
722055.00X.1		
h [m]	Ø [m]	E [lx]
1,0	0,57	7554
2,0	1,14	1888
3,0	1,71	839
4,0	2,28	472
5,0	2,85	302



722051.00X.1		
h [m]	Ø [m]	E [lx]
1,0	0,20	42007
2,0	0,41	10502
3,0	0,61	4667
4,0	0,81	2625
5,0	1,02	1680



722053.00X.1		
h [m]	Ø [m]	E [lx]
1,0	0,63	8084
2,0	1,26	2021
3,0	1,89	898
4,0	2,52	505
5,0	3,15	323



Recessed projectors | Series: Magcardo® Maxi

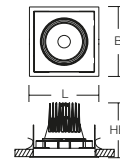
Type of Protection: IP 20
Protection Class: II
Ceiling Thickness: 6-30 mm

Luminaire top: die-cast aluminium, powder-coated. Recessed mounting frame: sheet steel, powder-coated. Rotates 356° and swivels ± 35°. Heat resistant plastic ring black. With optical assembly MIRO-SILVER® reflector or polycarbonate lens. Passive cooling. Separate LED converter with connecting cable 250 mm.

LED and LED converter included.

Modular design: recessed frame must be ordered separately!

Available colours (X): 2 = white, 3 = black, 4 = silver coloured



Reference number	Dimensions	Lamp	Light colour	Luminaire flux	System power		dimmable	EEC	€ gross without VAT
Luminaire head									Price Category 21
Including lens for best uniformity of the light cone									
722048.00X	L 172, B 167, H 137	LED	830	2400 lm	27 W	13°	on/off	A++ A++	159,00
722048.00X.76	L 172, B 167, H 137	LED	830	2400 lm	27 W	13°	DALI	A++ A++	209,00
722049.00X	L 172, B 167, H 137	LED	830	2350 lm	27 W	32°	on/off	A++ A++	159,00
722049.00X.76	L 172, B 167, H 137	LED	830	2350 lm	27 W	32°	DALI	A++ A++	209,00
722050.00X	L 172, B 167, H 137	LED	830	2400 lm	27 W	41°	on/off	A++ A++	159,00
722050.00X.76	L 172, B 167, H 137	LED	830	2400 lm	27 W	41°	DALI	A++ A++	209,00
722048.00X.1	L 172, B 167, H 137	LED	840	2500 lm	27 W	13°	on/off	A++ A++	159,00
722048.00X.1.76	L 172, B 167, H 137	LED	840	2500 lm	27 W	13°	DALI	A++ A++	209,00
722049.00X.1	L 172, B 167, H 137	LED	840	2450 lm	27 W	32°	on/off	A++ A++	159,00
722049.00X.1.76	L 172, B 167, H 137	LED	840	2450 lm	27 W	32°	DALI	A++ A++	209,00
722050.00X.1	L 172, B 167, H 137	LED	840	2500 lm	27 W	41°	on/off	A++ A++	159,00
722050.00X.1.76	L 172, B 167, H 137	LED	840	2500 lm	27 W	41°	DALI	A++ A++	209,00
722054.00X	L 172, B 167, H 137	LED	830	3150 lm	38 W	13°	on/off	A++ A++	169,00
722054.00X.76	L 172, B 167, H 137	LED	830	3150 lm	38 W	13°	DALI	A++ A++	219,00
722055.00X	L 172, B 167, H 137	LED	830	3050 lm	38 W	32°	on/off	A++ A++	169,00
722055.00X.76	L 172, B 167, H 137	LED	830	3050 lm	38 W	32°	DALI	A++ A++	219,00
722056.00X	L 172, B 167, H 137	LED	830	3150 lm	38 W	41°	on/off	A++ A++	169,00
722056.00X.76	L 172, B 167, H 137	LED	830	3150 lm	38 W	41°	DALI	A++ A++	219,00
722054.00X.1	L 172, B 167, H 137	LED	840	3350 lm	38 W	13°	on/off	A++ A++	169,00
722054.00X.1.76	L 172, B 167, H 137	LED	840	3350 lm	38 W	13°	DALI	A++ A++	219,00
722055.00X.1	L 172, B 167, H 137	LED	840	3250 lm	38 W	32°	on/off	A++ A++	169,00
722055.00X.1.76	L 172, B 167, H 137	LED	840	3250 lm	38 W	32°	DALI	A++ A++	219,00
722056.00X.1	L 172, B 167, H 137	LED	840	3350 lm	38 W	41°	on/off	A++ A++	169,00
722056.00X.1.76	L 172, B 167, H 137	LED	840	3350 lm	38 W	41°	DALI	A++ A++	219,00
Including reflector for maximum efficiency									
722045.00X	L 172, B 167, H 137	LED	830	3000 lm	27 W	12°	on/off	A++ A++	149,00
722045.00X.76	L 172, B 167, H 137	LED	830	3000 lm	27 W	12°	DALI	A++ A++	199,00
722046.00X	L 172, B 167, H 137	LED	830	3000 lm	27 W	21°	on/off	A++ A++	149,00
722046.00X.76	L 172, B 167, H 137	LED	830	3000 lm	27 W	21°	DALI	A++ A++	199,00
722047.00X	L 172, B 167, H 137	LED	830	2900 lm	27 W	35°	on/off	A++ A++	149,00
722047.00X.76	L 172, B 167, H 137	LED	830	2900 lm	27 W	35°	DALI	A++ A++	199,00
722045.00X.1	L 172, B 167, H 137	LED	840	3100 lm	27 W	12°	on/off	A++ A++	149,00
722045.00X.1.76	L 172, B 167, H 137	LED	840	3100 lm	27 W	12°	DALI	A++ A++	199,00
722046.00X.1	L 172, B 167, H 137	LED	840	3150 lm	27 W	21°	on/off	A++ A++	149,00
722046.00X.1.76	L 172, B 167, H 137	LED	840	3150 lm	27 W	21°	DALI	A++ A++	199,00
722047.00X.1	L 172, B 167, H 137	LED	840	3050 lm	27 W	35°	on/off	A++ A++	149,00
722047.00X.1.76	L 172, B 167, H 137	LED	840	3050 lm	27 W	35°	DALI	A++ A++	199,00
722051.00X	L 172, B 167, H 137	LED	830	3800 lm	38 W	12°	on/off	A++ A++	159,00
722051.00X.76	L 172, B 167, H 137	LED	830	3800 lm	38 W	12°	DALI	A++ A++	209,00
722052.00X	L 172, B 167, H 137	LED	830	3900 lm	38 W	21°	on/off	A++ A++	159,00
722052.00X.76	L 172, B 167, H 137	LED	830	3900 lm	38 W	21°	DALI	A++ A++	209,00
722053.00X	L 172, B 167, H 137	LED	830	3800 lm	38 W	35°	on/off	A++ A++	159,00
722053.00X.76	L 172, B 167, H 137	LED	830	3800 lm	38 W	35°	DALI	A++ A++	209,00
722051.00X.1	L 172, B 167, H 137	LED	840	4050 lm	38 W	12°	on/off	A++ A++	159,00
722051.00X.1.76	L 172, B 167, H 137	LED	840	4050 lm	38 W	12°	DALI	A++ A++	209,00
722052.00X.1	L 172, B 167, H 137	LED	840	4150 lm	38 W	21°	on/off	A++ A++	159,00
722052.00X.1.76	L 172, B 167, H 137	LED	840	4150 lm	38 W	21°	DALI	A++ A++	209,00
722053.00X.1	L 172, B 167, H 137	LED	840	4050 lm	38 W	35°	on/off	A++ A++	159,00
722053.00X.1.76	L 172, B 167, H 137	LED	840	4050 lm	38 W	35°	DALI	A++ A++	209,00

Versions with Ra > 90 colour rendition are also available in other light colours on request

Recessed mounting frame				Price Category 21
one lamp				
982431.00X	L 194, B 194, H 2, HE 75	Ceiling cut out LA 180 x BA 180 mm		19,50
two lamps				
982432.00X	L 362, B 194, H 2, HE 75	Ceiling cut out LA 348 x BA 180 mm		29,50
three lamps				
982433.00X	L 530, B 194, H 2, HE 75	Ceiling cut out LA 516 x BA 180 mm		39,50





Accessories | Series: Magcardo® Maxi

Diffuser			Price Category 21
982374.000	D 111, H 3	Safety glass transparent	11,00
982374.010	D 111, H 3	Safety glass, satin finish	15,00



Anti-glare horizontal dots			Price Category 21
982375.003	D 111, H 3	Maxi hexagonal dots	12,50



Interchangeable plastic rings			Price Category 21
982420.002	D 118, H 20	White plastic ring for reflector	12,90
982422.002	D 118, H 33	White plastic ring for lens	12,90



Interchangeable optical assemblies			Price Category 21
982372.003	D 118, H 83	Reflector, narrow beam	32,50
982372.013	D 118, H 83	Reflector, medium beam	32,50
982372.023	D 118, H 83	Reflector, wide beam	32,50
982372.033	D 118, H 83	Reflector, very wide beam	32,50
982373.003	D 118, H 83	Lens narrow beam	42,50
982373.013	D 118, H 83	Lens medium beam	42,50
982373.023	D 118, H 83	Lens wide beam	42,50



meurens
natural

The Meurens family has developed a clean and natural production process allowing them to offer a wide range of cereal-based concentrates.

- 1 MILLING
The milling process is the first step in the production of cereal-based concentrates.
- 2 HYDROLYSIS
The hydrolysis process is the second step in the production of cereal-based concentrates.
- 3 FILTRATION
The filtration process is the third step in the production of cereal-based concentrates.
- 4 CONCENTRATION
The concentration process is the fourth step in the production of cereal-based concentrates.
- 5 PACKAGING
The packaging process is the final step in the production of cereal-based concentrates.



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