

Product family

MIHI 12

LED recessed downlight with reflectors from the MIHI series with Bartenbach technology, precise light control, free from glare, best possible light quality and highest efficiency, housing made of powder-coated aluminum for tool-free installation in the ceiling, LED circuit board can be changed (screwed), converters must be ordered separately



IP20 Version



IP43 Version








ANGLE 20°

CHARACTERISTIC

- ① 3 versions available (IP20, IP43 or swiveling max. 20°)
- ① Light color: 2700K, 3000K or 4000K
- ① equipped with COB power LED up to 150lm/W
- ① partially faceted aluminum reflector, silver polished and piece anodized in 2x20°, 2x30° or 2x50°
- ① Housing: black RAL9005, silver grey RAL9006, white RAL9016
- ① excl. external converter (on request dimmable)

MIHI 12

Watt Total:	13W		
Kelvin (CCT):	2700K	3000K	4000K
Net lumens 20°:	1300lm	1350lm	1390lm
Net lumens 30°:	1410lm	1470lm	1520lm
Net lumens 50°:	1460lm	1520lm	1570lm
Efficiency:	80% (20°), 87% (30°), 90% (50°)		
CRI:	>90Ra		
Angle:	2x20°, 2x30°, 2x50°		
Life expectancy:	50.000h, L80B20, ta=25°C		
Voltage:	100 ~ 230V AC/350mA		
Others:	    		

Product overview:

Types:



MIHI 12 (IP20)



MIHI 12 (IP43)



MIHI 12 ANGLE (IP20)

Reflector:

2x 20°

2x 30°

2x 50°

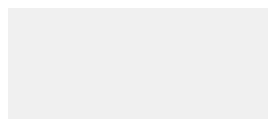
Light color:



2700K superwarm white



3000K warm white



4000K neutral white

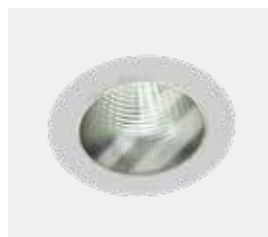
Housing:



black RAL9005



silver grey RAL9006

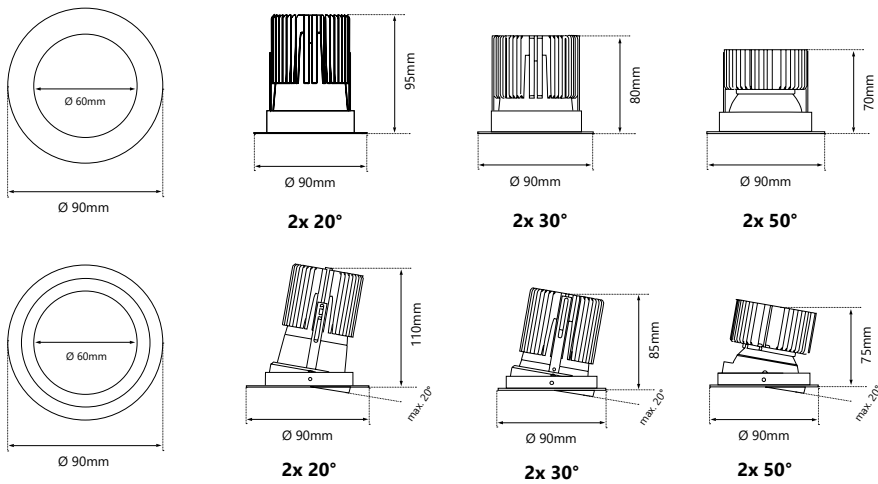


white RAL9016

Product overview:

item number	watt	① reflector	② kelvin	③ housing	④ protection
LW-MI12-①-②-③-④	13W	» 20 « 2x 20° » 30 « 2x 30° » 50 « 2x 50°	» SW « 2700K » WW « 3000K » NW « 4000K	» B « ● RAL 9005 » S « ● RAL 9006 » W « ○ RAL 9016	» IP « IP43 » A « swiveling version

Drawings:



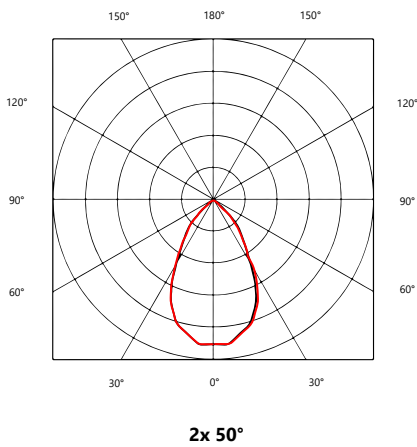
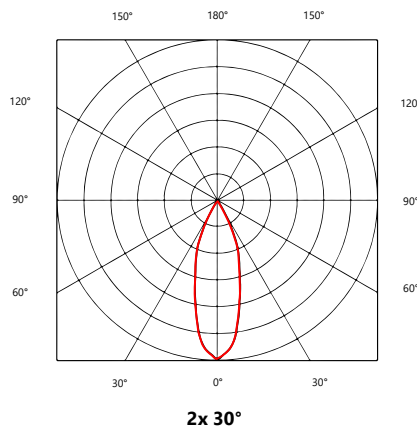
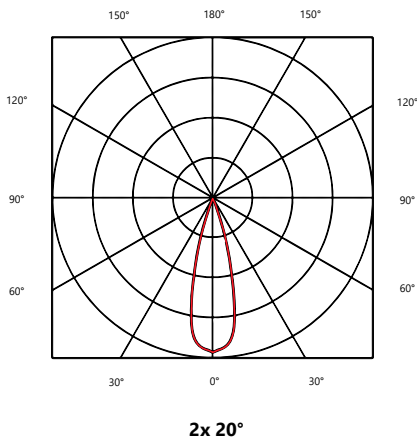
Cutout & installation depth version IP20 and IP43

20°	Ø 73 x 105mm
30°	Ø 73 x 90mm
50°	Ø 75 x 80mm

Cutout & installation depth version ANGLE 20°

20°	Ø 80 x 120mm
30°	Ø 80 x 95mm
50°	Ø 80 x 85mm

Light distribution:



The technical data are rated values for an ambient temperature of 25°C. Luminous flux and power depending on the available selection +/- 10% and tolerance of the color temperature +/- 150 Kelvin. Misprints and errors are reserved. Drawings and images have the character of sketches. Length specifications without units in millimeters. Object photos represent sample applications regardless of the actual effect. We reserve the right to make changes to the program, technology and design (without notice). Color deviations are due to the printing process and are possible. Our general terms and conditions apply.