

Product family

LFO 2X2

Due to its unique characteristics, the LFO series has been developed in such a way that the light is focused in one point and distributed almost without glare, small diameter of the light exit surface, luminaire with a discreet appearance and low glare, light exit opening \varnothing 8mm or \varnothing 10mm with anti-glare ring, beam angle 2x 20° or 2x 40°, housing made of powder-coated aluminum for tool-free installation in the ceiling, LED circuit board can be changed (bolted), converters must be ordered separately



LFO 2X2 ROUND



LFO 2X2 SQUARE








LFO 2X2 SQUARE
with glare ring

CHARACTERISTIC

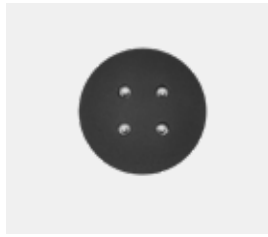
- ① small light exit opening with \varnothing 8mm or \varnothing 10mm with anti-glare ring
- ① 4x light points with 27.5mm distance
- ① Light color: 2700K, 3000K or 4000K
- ① Beam angle: 2x20° or 2x40°
- ① Housing: black RAL9005, silver grey RAL9006, white RAL9016 or special color on request
- ① Degree of protection: IP20
- ① excl. external converter (on request dimmable)

LFO 2X2

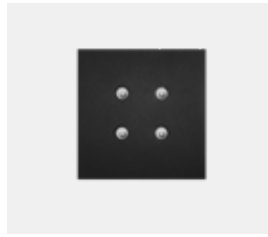
Watt Total:	12W		
Kelvin (CCT):	2700K	3000K	4000K
Net lumen 20°:	960lm	1040lm	1100lm
Net lumen 40°:	960lm	1040lm	1100lm
Efficiency:	70%		
CRI:	>90Ra		
Angle:	2x20°, 2x40°		
Life expectancy:	50.000h, L80B20, ta=25°C		
Voltage:	100 ~ 230V AC/max. 900mA		
Others:	    		

Product overview:

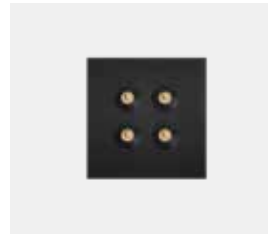
Types:



LFO 2X2 ROUND



LFO 2X2 SQUARE



LFO 2X2 SQUARE
with glare ring

Reflector:



2x 20°



2x 40°

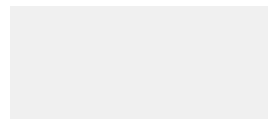
Light colors:



2700K superwarm white

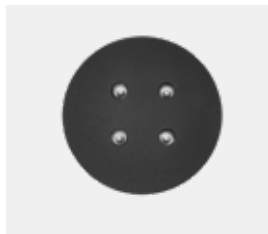


3000K warm white

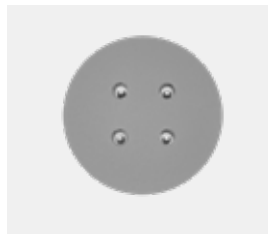


4000K neutral white

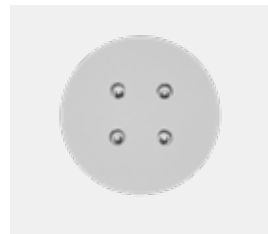
Housing colors:



black RAL9005



silver grey RAL9006

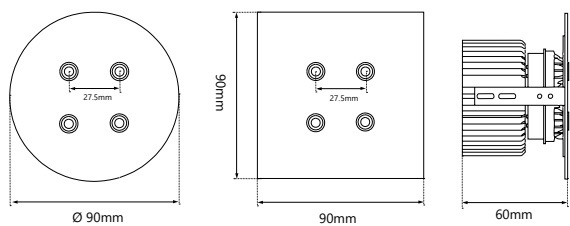


white RAL9016

Article overview:

item number	types	watt	① reflector	② kelvin	③ housing	④ glare ring
LW-LFO-2X2R-①-②-③	LFO 2X2 ROUND	12W	» 20 « 2x 20° » 40 « 2x 40°	» SW « 2700K	» B « ● RAL 9005	» B « ● RAL 9005
LW-LFO-2X2S-①-②-③	LFO 2X2 SQUARE			» WW « 3000K	» S « ● RAL 9006	» S « ● RAL 9006
LW-LFO-2X2S-①-②-③-④	LFO 2X2 SQUARE with glare ring			» NW « 4000K	» W « ○ RAL 9016	» W « ○ RAL 9016

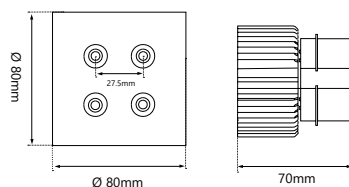
Drawings:



Cutout & installation depth:

Ø 72 x 70mm

without glare ring

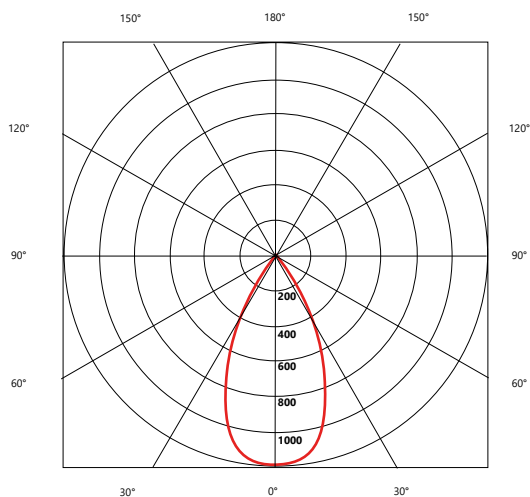


Cutout & installation depth:

Ø 72 x 80mm

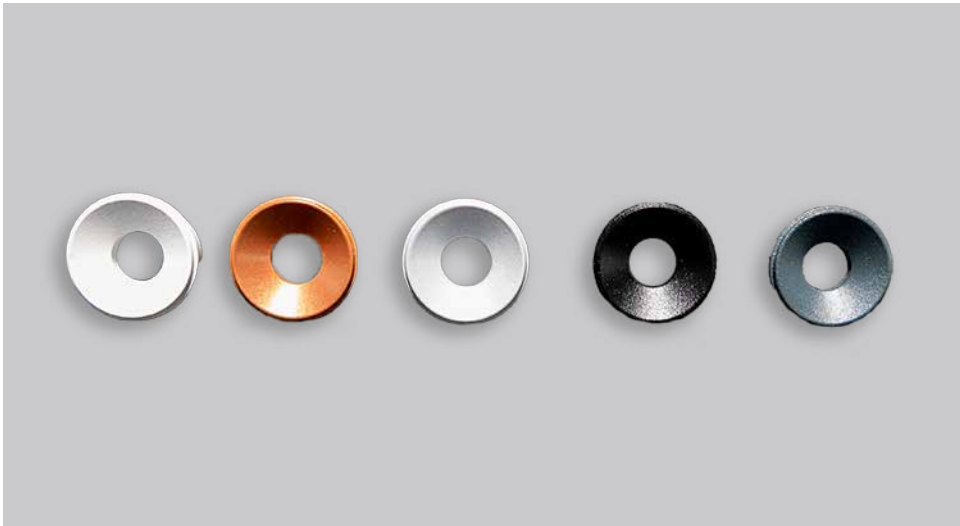
with glare ring

Light distribution:

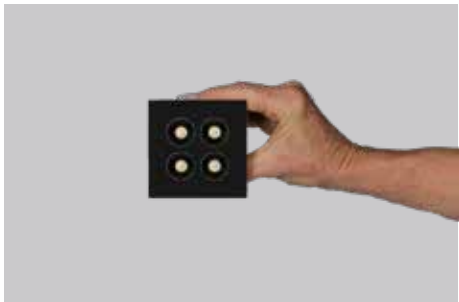


NEU

Glare rings for LFO Lights:



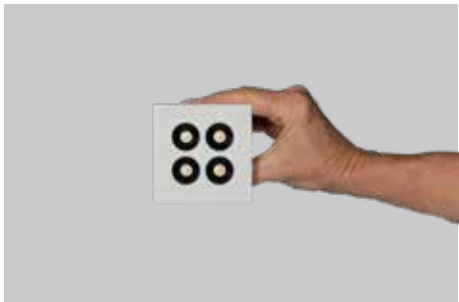
Glare rings are available in the standard colours: black, silver-grey or white, special colors are possible on request.



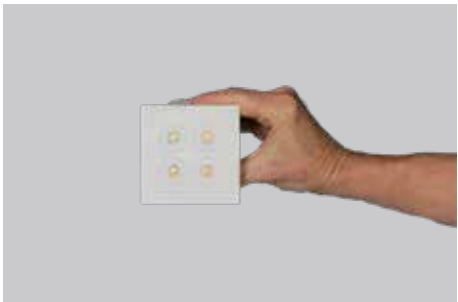
Housing black/ glare ring black



Housing black/ glare ring white



Housing white/ glare ring black



Housing white/ glare ring white

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.