

## Product family

# LFO LINE 4X1

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), TW Tunable White on request, converters must be ordered separately



LFO LINE 4X1








LFO LINE 4X1  
with glare ring

### CHARACTERISTIC

- ① small light exit opening with  $\varnothing$  8mm or  $\varnothing$  10mm with anti-glare ring
- ① 4x light points with 50mm distance
- ① WITHOUT or WITH anti-glare rings
- ① Light color: 2700K, 3000K or 4000K
- ① TW Tunable White on request
- 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 LINE 4X1

<b>Watt Total:</b>	17W		
<b>Kelvin (CCT):</b>	2700K	3000K	4000K
<b>Net lumen 20°:</b>	1360lm	1470lm	1560lm
<b>Net lumen 40°:</b>	1360lm	1470lm	1560lm
<b>Efficiency:</b>	70%		
<b>CRI:</b>	>90Ra		
<b>Angle:</b>	2x20°, 2x40°		
<b>Life expectancy:</b>	50.000h, L80B20, ta=25°C		
<b>Voltage:</b>	100 ~ 230V AC/700mA		
<b>Others:</b>	    		

## Product overview:

### Types:

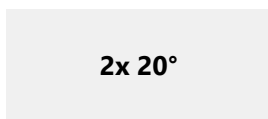


LFO LINE 4X1



LFO LINE 4X1  
with glare ring

### Reflector:



2x 20°



2x 40°

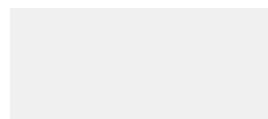
### Light colors:



2700K superwarm white



3000K warm white

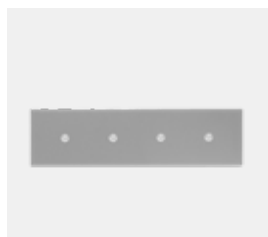


4000K neutral white

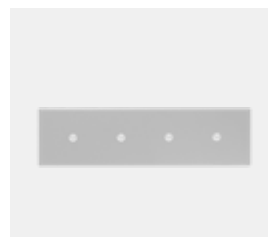
### Housing colors:



black RAL9005



silver grey RAL9006

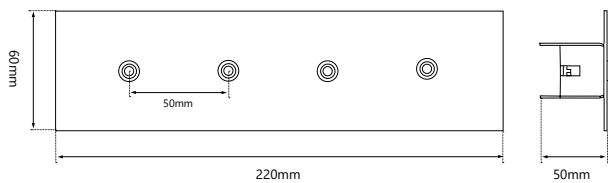


white RAL9016

## Article overview:

item number	types	watt	① reflector	② kelvin	③ housing	④ glare ring
LW-LFO-4X1-①-②-③	LFO LINE 4X1	17W	» 20 « 2x 20°	» SW « 2700K	» B « ● RAL 9005	» B « ● RAL 9005
LW-LFO-4X1-①-②-③-④	LFO LINE 4X1 with glare ring		» 40 « 2x 40°	» WW « 3000K	» S « ● RAL 9006	» S « ● RAL 9006
				» NW « 4000K	» W « ○ RAL 9016	» W « ○ RAL 9016

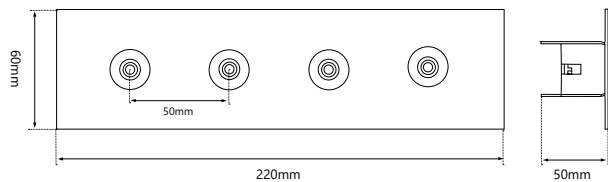
## Drawings:



Cutout & installation depth:

210 x 45 x 60mm

**without glare ring**

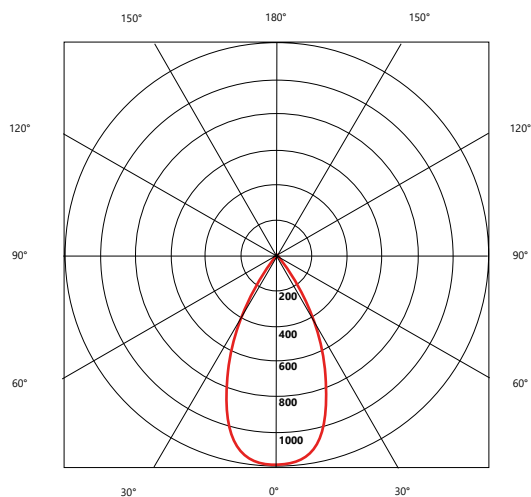


Cutout & installation depth:

210 x 45 x 60mm

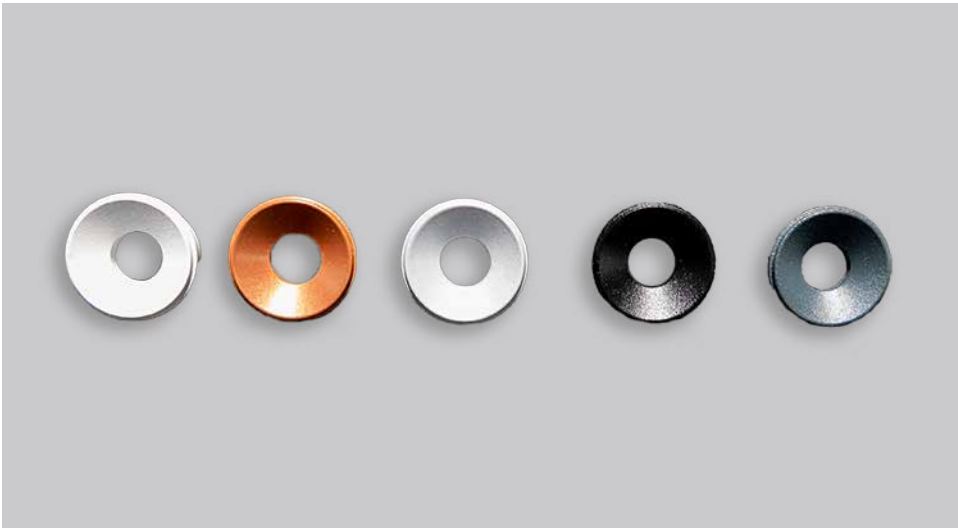
**with glare ring**

## Light distribution:



NEU

### Gare rings for LFO-fixtures:



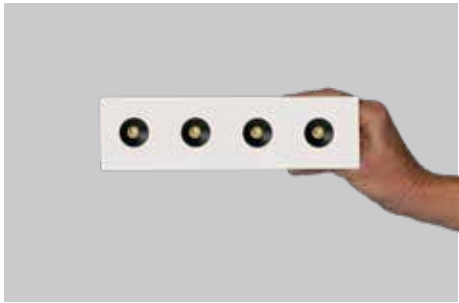
Glare rings are available in the standard colours: black, silver-grey or white, special colors are possible on request.



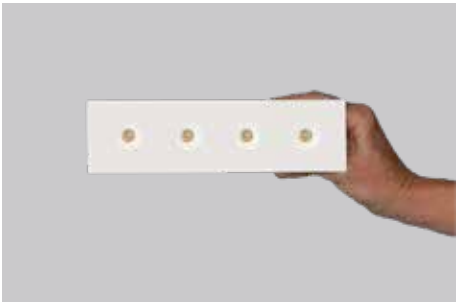
Housing black/ glare ring black



Housing black/ glare ring white



Housing white/ glare ring black



Housing black/ 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.