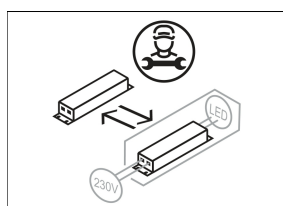
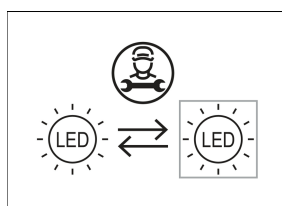
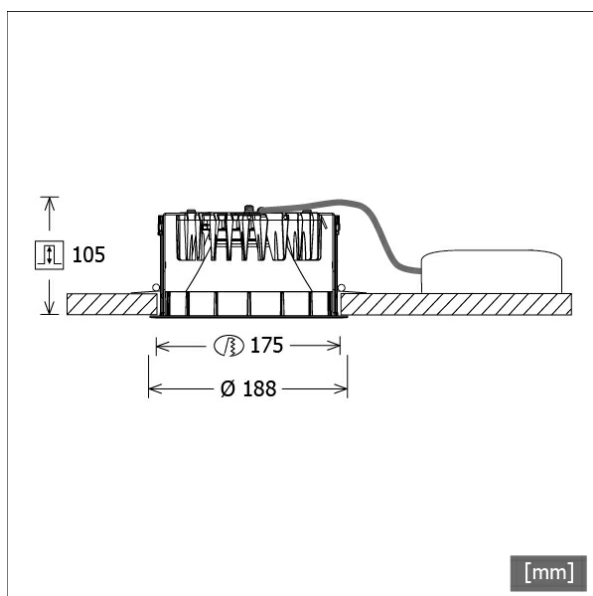


FLIR 300.2040.01/DALI



Colours	Article no.	EAN
black	636643	4043544392251
silver	636644	4043544392268
white	636645	4043544392275



Description

- recessed spotlight with optical design variants for general lighting
- outstanding ease of maintenance
- no UV and thermal emissions
- innovative thermal management with passive cooling (heat sink made from die-cast aluminium)
- high performance specular aluminium reflector with precise symmetrical beam characteristic for highest luminous efficiency and best glare-free lighting
- front/recessed ring made from die-cast zinc with clear light effect ring (other decor/light effect rings and deco glasses are available as options)
- tool-free ceiling mounting via automatic quick clamping (automatic adjustment of the ceiling thickness)
- luminaire and ballast permanently connected via cable (length: 500 mm), ballast ready for mains connection
- ballast (LED converter DALI, dimmable) included (external placement)

Standard options



Special options



Lighting data / Norms

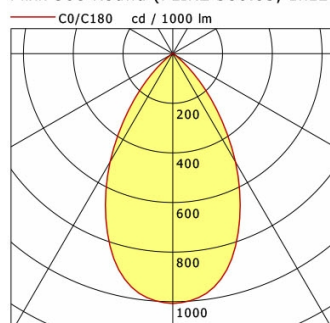
Lamps	LED Modul / CRI 80 / 4000 K
EPREL light sources	891017
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	21.0 W
Luminaire luminous flux	max. 2230 lm
System efficiency	106.19 lm/W
Module efficiency	122.35 lm/W
UGR class	≤25
Beam angle	75°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	II
Type of protection	IP20

Dimensions / Weights

Outer diameter	188 mm
Height	107 mm
Cut-out (Ø)	175 mm
Ceiling thickness	5.0 - 50.0 mm
Recessed depth	105 mm
Net weight	1.16 kg
Gross weight	1.21 kg

FLIR 300.2040.01/DALI

Flixx 300 Round (FLIRZ 300.05, 1xLED 21W 840/4000K 2230lm 75 °)



	C0	C90	C180	C270
0°	1007	1007	1007	1007
15°	880	880	880	880
30°	504	504	504	504
45°	136	136	136	136
60°	11	11	11	11
75°	5	5	5	5
90°	0	0	0	0

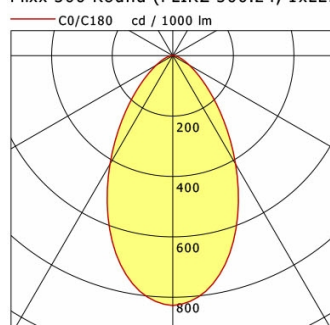
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.47	249.6
6.0	6.93	62.4
9.0	10.40	27.7
12.0	13.86	15.6
15.0	17.33	10.0

η	LED
Efficiency	106 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	21 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	18.9
UGR C90/C270	18.9
CIE Flux Codes	88 98 100 100 100
Ra/CRI	>80

LTS

Flixx 300 Round (FLIRZ 300.24, 1xLED 21W 840/4000K 2130lm 75 °)



	C0	C90	C180	C270
0°	827	827	827	827
15°	698	698	698	698
30°	414	414	414	414
45°	178	178	178	178
60°	63	63	63	63
75°	21	21	21	21
90°	0	0	0	0

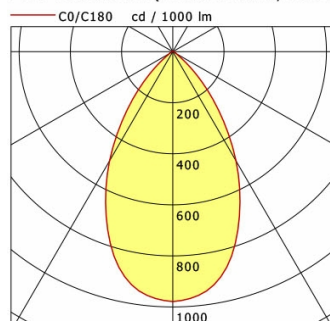
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.47	195.8
6.0	6.94	49.0
9.0	10.41	21.8
12.0	13.88	12.2
15.0	17.35	7.8

η	LED
Efficiency	101 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	21 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	23.2
UGR C90/C270	23.2
CIE Flux Codes	73 93 99 100 100
Ra/CRI	>80

LTS

Flixx 300 Round (FLIRZ 300.25, 1xLED 21W 840/4000K 2170lm 75 °)



	C0	C90	C180	C270
0°	979	979	979	979
15°	853	853	853	853
30°	494	494	494	494
45°	143	143	143	143
60°	16	16	16	16
75°	8	8	8	8
90°	0	0	0	0

cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.49	236.0
6.0	6.98	59.0
9.0	10.47	26.2
12.0	13.96	14.8
15.0	17.44	9.4

η	LED
Efficiency	103 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	21 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	19.5
UGR C90/C270	19.5
CIE Flux Codes	86 98 99 100 100
Ra/CRI	>80

LTS

FLIR 300.2040.01/DALI

Accessories



FLIRZ 300.01
decorative ring black



FLIRZ 300.02
decorative ring silver



FLIRZ 300.03
decorative ring white



FLIRZ 300.04
light effect ring opal



FLIRZ 300.05
light effect ring clear



FLIRZ 300.06
light effect ring red matt



FLIRZ 300.07
light effect ring yellow matt



FLIRZ 300.08
light effect ring blue matt



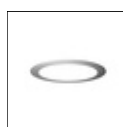
FLIRZ 300.16
light effect ring red translucent



FLIRZ 300.17
light effect ring yellow translucent



FLIRZ 300.18
light effect ring blue translucent



FLIRZ 300.24
decorative glass opal



FLIRZ 300.25
decorative glass clear



NOL 50B/3H/DALI
LED emergency light-unit



ZB-OR DONGLE
Organic Response IR dongle kit



ZB-OR GATEWAY
Organic Response IoT Gateway Cascade Series



ZB-OR-R SENSOR
Organic Response sensor for recessed mounting



ZDAR 175.215-275
compensation ring for ceiling cut-outs from 215 to 275 mm

Recessed Downlights · Flixx 300 Round



FLIR 300.2040.01/DALI

Accessories



ZVP 100
universal reinforcement frame
(module 625 x 625)