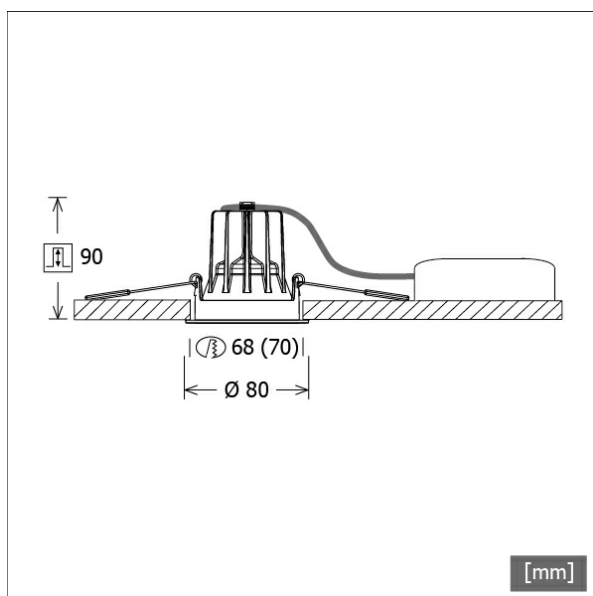


FLIR 100.1040.25



Colours	Article no.	EAN
black	636565	4043544391476
silver	636566	4043544391483
white	636567	4043544391490



Description

- recessed spotlight with optical design variants and wide range of applications
- light-head pivots through 20°
- 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 quick-action clamping springs (automatic adjustment of the ceiling thickness)
- luminaire and ballast permanently connected via cable (length: 500 mm), ballast ready for mains connection
- ballast (LED converter) included (external placement)

Notes

The cut-out = 68 mm is only valid for plasterboard ceilings. For other types of ceilings the cut-out = 70 mm.

Standard options



Special options



Lighting data / Norms

Lamps	LED Spot / CRI 80 / 4000 K
EPREL light sources	988919
	L90 B50 50.000 h
	L80 B50 100.000 h
	L80 B20 50.000 h
Lifetime	
System power	15.0 W
Luminaire luminous flux	max. 1410 lm
System efficiency	90.66 lm/W
Module efficiency	137.92 lm/W
UGR class	≤28
Beam range	Medium Flood
Beam angle	26°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	II
Type of protection	IP20

Dimensions / Weights

Outer diameter	80 mm
Height	92 mm
Cut-out (Ø)	68 mm
Ceiling thickness	1.0 - 25.0 mm
Recessed depth	90 mm
Net weight	0.51 kg
Gross weight	0.54 kg

Recessed Downlights · Flixx 100 Round

FLIR 100.1040.25

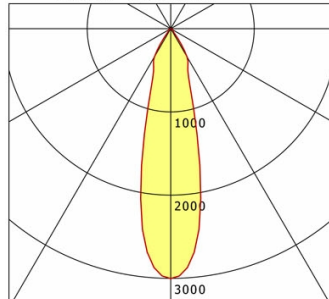


FLIR 100.1040.25

FLIR 100.1040.25

Flixx 100 Round (FLIRZ 100.25, 1xLED 15W 840/4000K 1360lm 25°)

— C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	3002	3002	3002	3002
15°	1136	1136	1136	1136
30°	389	389	389	389
45°	44	44	44	44
60°	23	23	23	23
75°	8	8	8	8
90°	0	0	0	0
cd / 1000 lm				

Offset [m] Cone width [m] Illuminance [lx]

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.38	453.6
6.0	2.76	113.4
9.0	4.15	50.4
12.0	5.53	28.4
15.0	6.91	18.1

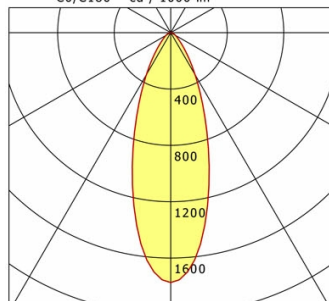
η	LED
Efficiency	91 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	15 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	22.9
UGR C90/C270	22.9
CIE Flux Codes	91 97 99 100 100
Ra/CRI	>80

LTS

FLIR 100.1040.25

Flixx 100 Round (FLIRZ 100.24, 1xLED 15W 840/4000K 1320lm 25°)

— C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	1774	1774	1774	1774
15°	1052	1052	1052	1052
30°	345	345	345	345
45°	99	99	99	99
60°	39	39	39	39
75°	17	17	17	17
90°	0	0	0	0
cd / 1000 lm				

Offset [m] Cone width [m] Illuminance [lx]

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.90	260.2
6.0	3.81	65.0
9.0	5.71	28.9
12.0	7.61	16.3
15.0	9.52	10.4

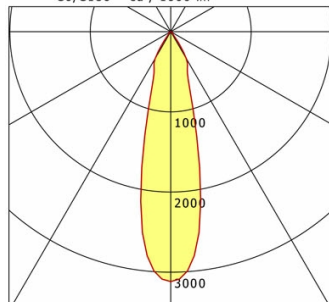
η	LED
Efficiency	88 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	15 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	26.7
UGR C90/C270	26.7
CIE Flux Codes	84 95 99 100 100
Ra/CRI	>80

LTS

FLIR 100.1040.25

Flixx 100 Round (FLIRZ 100.05, 1xLED 15W 840/4000K 1410lm 25°)

— C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	3116	3116	3116	3116
15°	1159	1159	1159	1159
30°	385	385	385	385
45°	34	34	34	34
60°	21	21	21	21
75°	9	9	9	9
90°	0	0	0	0
cd / 1000 lm				

Offset [m] Cone width [m] Illuminance [lx]

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.37	488.2
6.0	2.75	122.1
9.0	4.12	54.2
12.0	5.49	30.5
15.0	6.87	19.5

η	LED
Efficiency	94 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	15 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	23.1
UGR C90/C270	23.1
CIE Flux Codes	93 97 99 100 100
Ra/CRI	>80

LTS

FLIR 100.1040.25

Accessories



FLIRZ 100.01
decorative ring black



FLIRZ 100.02
decorative ring silver



FLIRZ 100.03
decorative ring white



FLIRZ 100.04
light effect ring opal



FLIRZ 100.05
light effect ring clear



FLIRZ 100.06
light effect ring red matt



FLIRZ 100.07
light effect ring yellow matt



FLIRZ 100.08
light effect ring blue matt



FLIRZ 100.16
light effect ring red translucent



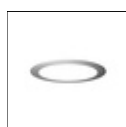
FLIRZ 100.17
light effect ring yellow translucent



FLIRZ 100.18
light effect ring blue translucent



FLIRZ 100.19
light effect ring orange translucent



FLIRZ 100.24
decorative glass opal



FLIRZ 100.25
decorative glass clear