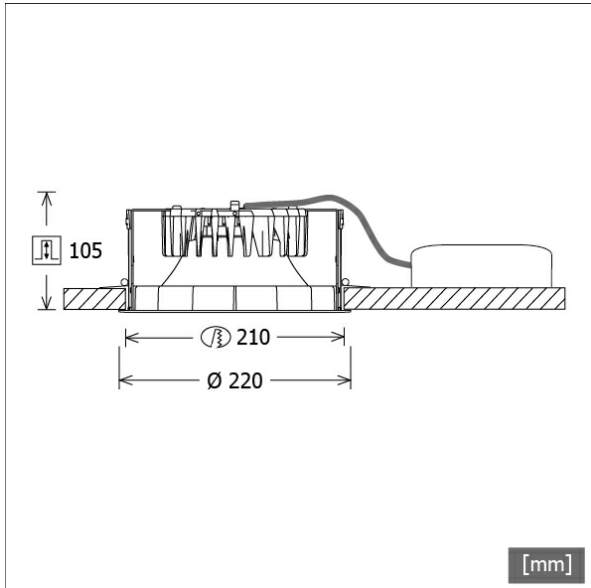


FLIR 400.2030.01



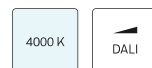
Colours	Article no.	EAN
black	636658	4043544392404
silver	636659	4043544392411
white	636660	4043544392428



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) included (external placement)

Standard options



Special options



Lighting data / Norms

Lamps	LED Modul / CRI 80 / 3000 K
EPREL light sources	891015
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. 2170 lm
System efficiency	99.04 lm/W
Module efficiency	116.61 lm/W
UGR class	≤25
Beam angle	75°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	II
Type of protection	IP20

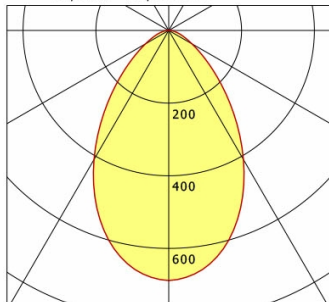
Dimensions / Weights

Outer diameter	220 mm
Height	107 mm
Cut-out (Ø)	210 mm
Ceiling thickness	5.0 - 50.0 mm
Recessed depth	105 mm
Net weight	1.24 kg
Gross weight	1.31 kg

FLIR 400.2030.01

Flixx 400 Round (FLIRZ 400.24, 1xLED 21W 830/3000K 2080lm 75 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	688	688	688	688
15°	610	610	610	610
30°	410	410	410	410
45°	197	197	197	197
60°	74	74	74	74
75°	26	26	26	26
90°	0	0	0	0

cd / 1000 lm

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

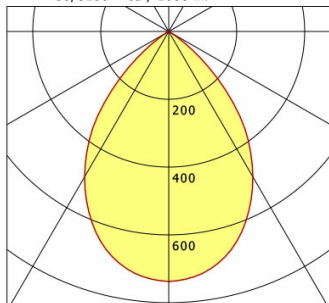
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.10	159.1
6.0	8.20	39.8
9.0	12.30	17.7
12.0	16.40	9.9
15.0	20.50	6.4

η	LED
Efficiency	99 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	21 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	22.9
UGR C90/C270	22.9
CIE Flux Codes	69 91 98 100 100
Ra/CRI	>80

LTS

Flixx 400 Round (FLIRZ 400.05, 1xLED 21W 830/3000K 2170lm 75 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	738	738	738	738
15°	677	677	677	677
30°	495	495	495	495
45°	221	221	221	221
60°	7	7	7	7
75°	4	4	4	4
90°	0	0	0	0

cd / 1000 lm

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

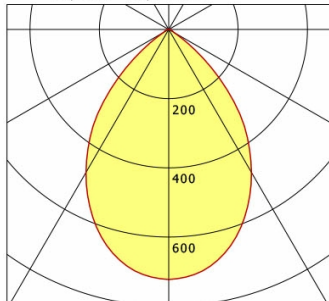
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.65	177.8
6.0	9.29	44.5
9.0	13.94	19.8
12.0	18.58	11.1
15.0	23.23	7.1

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	19.6
UGR C90/C270	19.6
CIE Flux Codes	81 99 100 100 100
Ra/CRI	>80

LTS

Flixx 400 Round (FLIRZ 400.25, 1xLED 21W 830/3000K 2140lm 75 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	723	723	723	723
15°	658	658	658	658
30°	477	477	477	477
45°	223	223	223	223
60°	18	18	18	18
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	4.62	171.9
6.0	9.23	43.0
9.0	13.85	19.1
12.0	18.46	10.7
15.0	23.08	6.9

η	LED
Efficiency	102 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	21 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	19.9
UGR C90/C270	19.9
CIE Flux Codes	78 98 100 100 100
Ra/CRI	>80

LTS

FLIRZ 400.2030.01

Accessories



FLIRZ 400.01
decorative ring black



FLIRZ 400.02
decorative ring silver



FLIRZ 400.03
decorative ring white



FLIRZ 400.04
light effect ring opal



FLIRZ 400.05
light effect ring clear



FLIRZ 400.06
light effect ring red matt



FLIRZ 400.07
light effect ring yellow matt



FLIRZ 400.08
light effect ring blue matt



FLIRZ 400.16
light effect ring red translucent



FLIRZ 400.17
light effect ring yellow translucent



FLIRZ 400.18
light effect ring blue translucent



FLIRZ 400.24
decorative glass opal



FLIRZ 400.25
decorative glass clear



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



ZDAR 207.250-310
compensation ring for ceiling cut-outs from 250 to 310 mm



ZVP 100
universal reinforcement frame
(module 625 x 625)