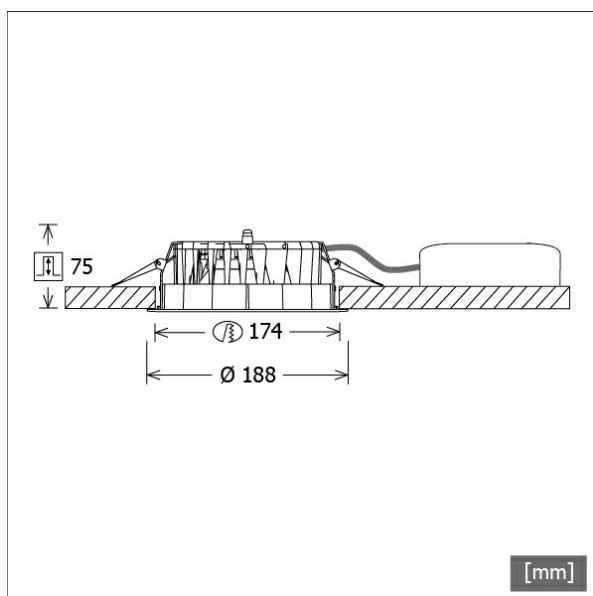


FLIR-F 300.2030.01



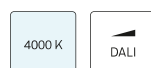
Colours	Article no.	EAN
black	651616	4043544603890
silver	651617	4043544603906
white	651618	4043544603913



Description

- recessed spotlight with optical design variants for general lighting
- very low installation depth
- 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 clamps (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

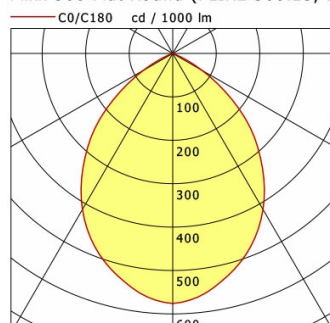
Lamps	LED Modul / CRI 80 / 3000 K
EPREL light sources	891015
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	22.0 W
Luminaire luminous flux	max. 1990 lm
System efficiency	89.54 lm/W
Module efficiency	116.61 lm/W
UGR class	≤25
Beam angle	85°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	II
Type of protection	IP20

Dimensions / Weights

Outer diameter	188 mm
Height	77 mm
Cut-out (Ø)	174 mm
Ceiling thickness	5.0 - 40.0 mm
Recessed depth	75 mm
Net weight	1.11 kg
Gross weight	1.17 kg

FLIR-F 300.2030.01

Flixx 300 Flat Round (FLIRZ 300.25, 1xLED 22W 830/3000K 2050lm 85 °)



	C0	C90	C180	C270
0°	576	576	576	576
15°	522	522	522	522
30°	415	415	415	415
45°	261	261	261	261
60°	78	78	78	78
75°	4	4	4	4
90°	0	0	0	0

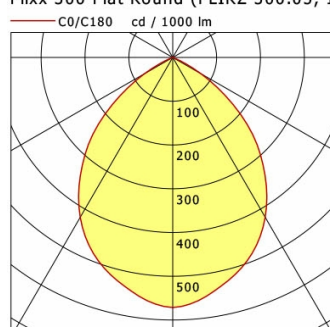
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	5.49	131.2
6.0	10.97	32.8
9.0	16.46	14.6
12.0	21.94	8.2
15.0	27.43	5.2

η	LED
Efficiency	93 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	22 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	23.7
UGR C90/C270	23.7
CIE Flux Codes	67 96 100 100 100
Ra/CRI	>80

LTS

Flixx 300 Flat Round (FLIRZ 300.05, 1xLED 22W 830/3000K 2070lm 85 °)



	C0	C90	C180	C270
0°	571	571	571	571
15°	521	521	521	521
30°	422	422	422	422
45°	265	265	265	265
60°	74	74	74	74
75°	1	1	1	1
90°	0	0	0	0

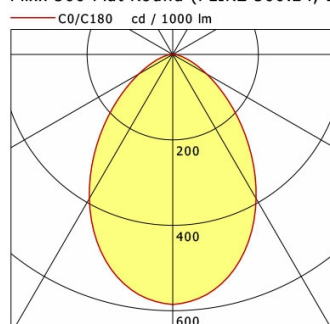
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	5.63	131.4
6.0	11.26	32.9
9.0	16.90	14.6
12.0	22.53	8.2
15.0	28.16	5.3

η	LED
Efficiency	94 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	22 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	23.6
UGR C90/C270	23.6
CIE Flux Codes	68 97 100 100 100
Ra/CRI	>80

LTS

Flixx 300 Flat Round (FLIRZ 300.24, 1xLED 22W 830/3000K 1980lm 85 °)



	C0	C90	C180	C270
0°	585	585	585	585
15°	530	530	530	530
30°	390	390	390	390
45°	221	221	221	221
60°	92	92	92	92
75°	27	27	27	27
90°	0	0	0	0

cd / 1000 lm

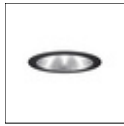
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.77	128.8
6.0	9.54	32.2
9.0	14.31	14.3
12.0	19.08	8.0
15.0	23.85	5.2

η	LED
Efficiency	90 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	22 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	25.2
UGR C90/C270	25.2
CIE Flux Codes	64 90 98 100 100
Ra/CRI	>80

LTS

FLIR-F 300.2030.01

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



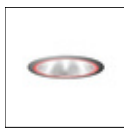
FLIRZ 300.06
light effect ring red matt



FLIRZ 300.07
light effect ring yellow matt



FLIRZ 300.08
light effect ring blue matt



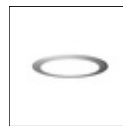
FLIRZ 300.16
light effect ring red translucent



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



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



ZVP 100
universal reinforcement frame
(module 625 x 625)