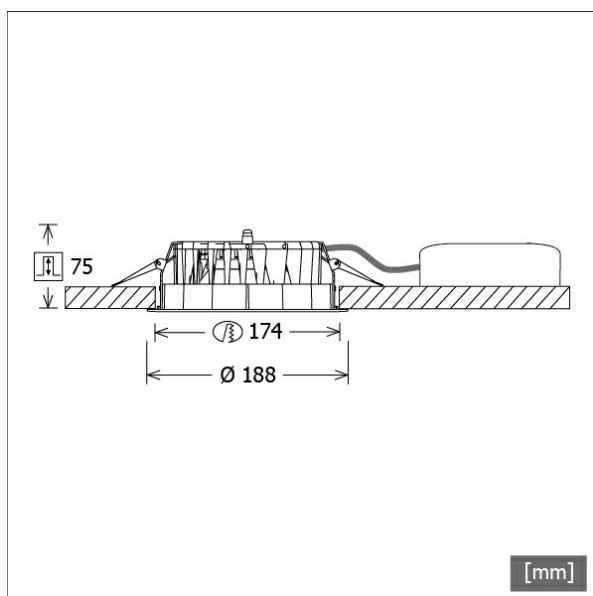


FLIR-F 300.3030.01



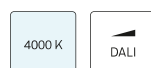
Colours	Article no.	EAN
black	651631	4043544604019
silver	651632	4043544604026
white	651633	4043544604033



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

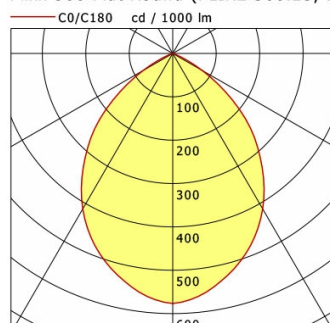
Lamps	LED Modul / CRI 80 / 3000 K
EPREL light sources	891018
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	29.0 W
Luminaire luminous flux	max. 2810 lm
System efficiency	94.13 lm/W
Module efficiency	119.10 lm/W
UGR class	≤28
Beam angle	85°
Supply voltage	220 - 240 V / 50 - 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 300.3030.01

Flixx 300 Flat Round (FLIRZ 300.25, 1xLED 29W 830/3000K 2730lm 85 °)



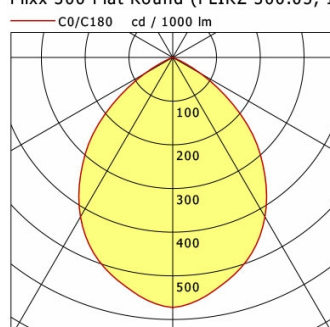
	C0	C90	C180	C270
0°	577	577	577	577
15°	521	521	521	521
30°	414	414	414	414
45°	261	261	261	261
60°	79	79	79	79
75°	4	4	4	4
90°	0	0	0	0

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	5.48	174.9
6.0	10.95	43.7
9.0	16.43	19.4
12.0	21.90	10.9
15.0	27.38	7.0

η	LED
Efficiency	94 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	29 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	24.7
UGR C90/C270	24.7
CIE Flux Codes	67 96 100 100 100
Ra/CRI	>80

LTS

Flixx 300 Flat Round (FLIRZ 300.05, 1xLED 29W 830/3000K 2810lm 85 °)



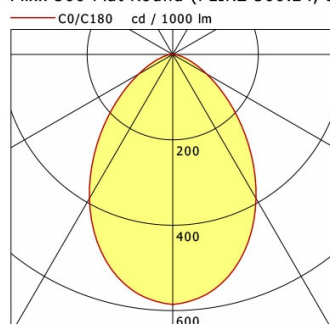
	C0	C90	C180	C270
0°	573	573	573	573
15°	520	520	520	520
30°	421	421	421	421
45°	266	266	266	266
60°	74	74	74	74
75°	1	1	1	1
90°	0	0	0	0

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	5.63	178.8
6.0	11.26	44.7
9.0	16.89	19.9
12.0	22.52	11.2
15.0	28.14	7.2

η	LED
Efficiency	97 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	29 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	24.7
UGR C90/C270	24.7
CIE Flux Codes	68 97 100 100 100
Ra/CRI	>80

LTS

Flixx 300 Flat Round (FLIRZ 300.24, 1xLED 29W 830/3000K 2620lm 85 °)



	C0	C90	C180	C270
0°	586	586	586	586
15°	530	530	530	530
30°	389	389	389	389
45°	221	221	221	221
60°	92	92	92	92
75°	27	27	27	27
90°	0	0	0	0

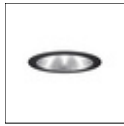
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.77	170.5
6.0	9.54	42.6
9.0	14.31	18.9
12.0	19.07	10.7
15.0	23.84	6.8

η	LED
Efficiency	90 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	29 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	26.1
UGR C90/C270	26.1
CIE Flux Codes	64 90 98 100 100
Ra/CRI	>80

LTS

FLIR-F 300.3030.01

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



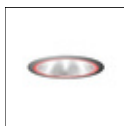
FLIRZ 300.06
light effect ring red matt



FLIRZ 300.07
light effect ring yellow matt



FLIRZ 300.08
light effect ring blue matt



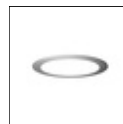
FLIRZ 300.16
light effect ring red translucent



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)