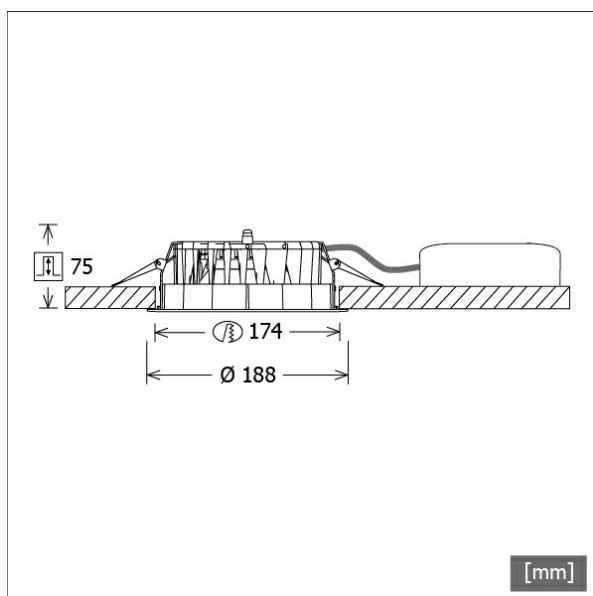


FLIR-F 300.1040.01



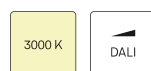
Colours	Article no.	EAN
black	651610	4043544603838
silver	651611	4043544603845
white	651612	4043544603852



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 / 4000 K
EPREL light sources	891017
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	11.0 W
Luminaire luminous flux	max. 1100 lm
System efficiency	97.27 lm/W
Module efficiency	122.35 lm/W
UGR class	≤25
Beam angle	85°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	II
Type of protection	IP20

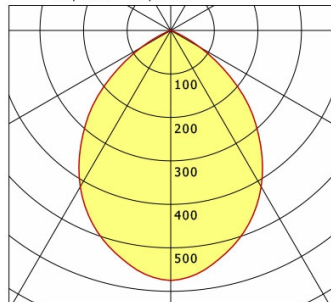
Dimensions / Weights

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 300.1040.01

Flixx 300 Flat Round (FLIRZ 300.25, 1xLED 11W 840/4000K 1070lm 85 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	575	575	575	575
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]

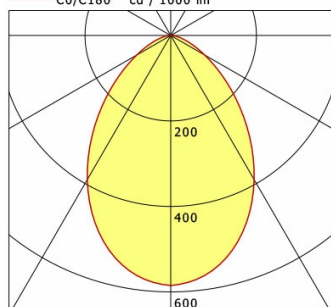
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	5.49	68.4
6.0	10.99	17.1
9.0	16.48	7.6
12.0	21.97	4.3
15.0	27.47	2.7

η	LED
Efficiency	97 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	11 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	21.4
UGR C90/C270	21.4
CIE Flux Codes	67 96 100 100 100
Ra/CRI	>80

LTS

Flixx 300 Flat Round (FLIRZ 300.24, 1xLED 11W 840/4000K 1030lm 85 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	585	585	585	585
15°	529	529	529	529
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

cd / 1000 lm

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

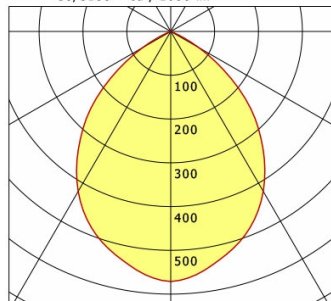
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.77	67.0
6.0	9.55	16.7
9.0	14.32	7.4
12.0	19.10	4.2
15.0	23.87	2.7

η	LED
Efficiency	94 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	11 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	22.9
UGR C90/C270	22.9
CIE Flux Codes	64 90 98 100 100
Ra/CRI	>80

LTS

Flixx 300 Flat Round (FLIRZ 300.05, 1xLED 11W 840/4000K 1100lm 85 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	571	571	571	571
15°	520	520	520	520
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]

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	5.64	69.8
6.0	11.27	17.5
9.0	16.91	7.8
12.0	22.54	4.4
15.0	28.18	2.8

η	LED
Efficiency	100 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	11 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	21.4
UGR C90/C270	21.4
CIE Flux Codes	68 97 100 100 100
Ra/CRI	>80

LTS

FLIR-F 300.1040.01

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



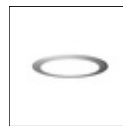
FLIRZ 300.16
light effect ring red translucent



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)