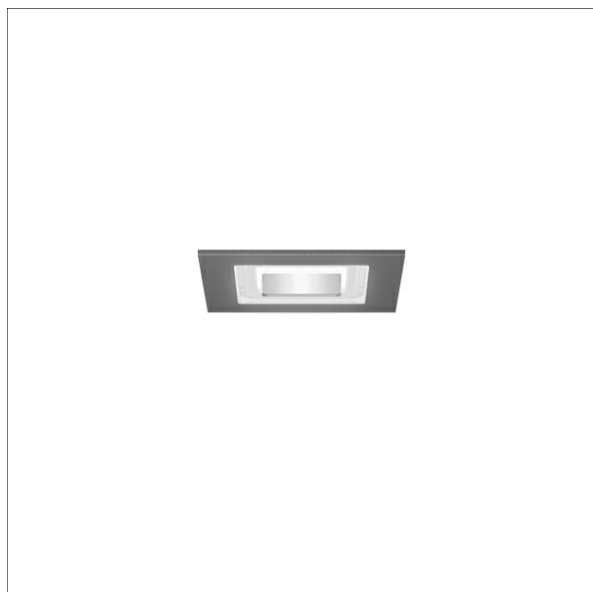
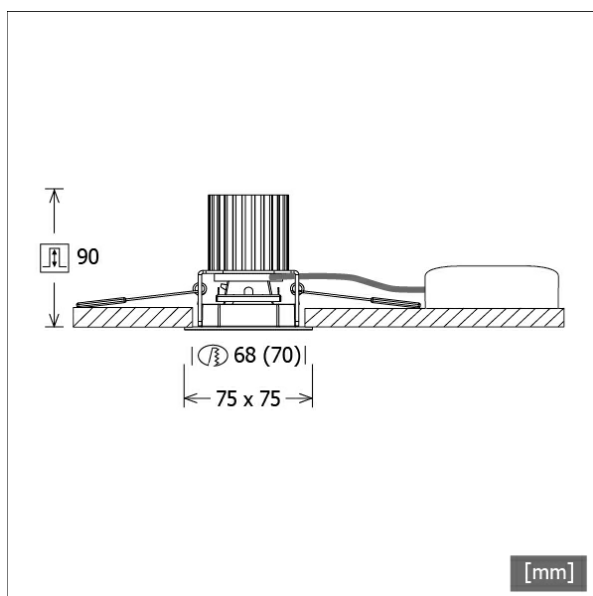


FLIQ 100.1040.01/DALI



Colours	Article no.	EAN
black	636420	4043544390004
silver	636421	4043544390011
white	636422	4043544390028



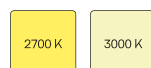
Description

- 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 aluminium)
- non-reflective matt aluminium reflector for highest luminous efficiency and best glare-free lighting
- front/recessed frame made from die-cast zinc with clear light effect frame (other decor/light effect frames 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 DALI, dimmable) 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
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	15.0 W
Luminaire luminous flux	max. 1200 lm
System efficiency	80.00 lm/W
Module efficiency	137.92 lm/W
UGR class	>28
Beam angle	65°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	II
Type of protection	IP20

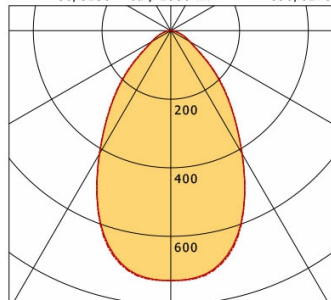
Dimensions / Weights

Length	75 mm
Width	75 mm
Height	92 mm
Cut-out (Ø)	68 mm
Ceiling thickness	1.0 - 25.0 mm
Recessed depth	90 mm
Net weight	0.54 kg
Gross weight	0.57 kg

FLIQ 100.1040.01/DALI

Flixx 100 Square (FLIQZ 100.05, 1xLED 15W 840/4000K 1200lm 65 °)

— C0/C180 cd / 1000 lm — C90/C270



	C0	C90	C180	C270
0°	729	729	729	729
15°	666	670	666	670
30°	415	415	415	415
45°	193	199	193	199
60°	64	65	64	65
75°	23	24	23	24
90°	0	0	0	0

cd / 1000 lm

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

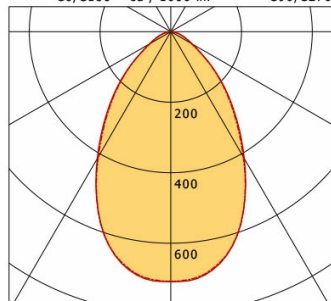
	C0-C180 Plane	C90-C270 Plane	
3.0	3.88 3.88		97.2
6.0	7.76 7.76		24.3
9.0	11.64 11.64		10.8
12.0	15.52 15.52		6.1
15.0	19.40 19.40		3.9

η	LED
Efficiency	80 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	15 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	29.7
UGR C90/C270	29.9
CIE Flux Codes	73 93 99 100 100
Ra/CRI	>80

LTS

Flixx 100 Square (FLIQZ 100.25, 1xLED 15W 840/4000K 1150lm 65 °)

— C0/C180 cd / 1000 lm — C90/C270



	C0	C90	C180	C270
0°	709	709	709	709
15°	643	642	643	642
30°	416	410	416	410
45°	205	201	205	201
60°	69	68	69	68
75°	24	24	24	24
90°	0	0	0	0

cd / 1000 lm

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

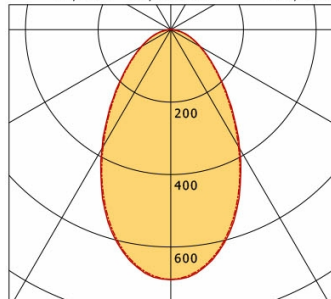
	C0-C180 Plane	C90-C270 Plane	
3.0	4.03 3.96		90.5
6.0	8.06 7.92		22.6
9.0	12.09 11.88		10.1
12.0	16.12 15.84		5.7
15.0	20.15 19.80		3.6

η	LED
Efficiency	77 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	15 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	29.9
UGR C90/C270	29.9
CIE Flux Codes	71 92 99 100 100
Ra/CRI	>80

LTS

Flixx 100 Square (FLIQZ 100.24, 1xLED 15W 840/4000K 1040lm 65 °)

— C0/C180 cd / 1000 lm — C90/C270



	C0	C90	C180	C270
0°	690	690	690	690
15°	596	591	596	591
30°	378	374	378	374
45°	194	191	194	191
60°	94	92	94	92
75°	39	37	39	37
90°	1	1	1	1

cd / 1000 lm

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

	C0-C180 Plane	C90-C270 Plane	
3.0	3.82 3.74		79.7
6.0	7.65 7.47		19.9
9.0	11.47 11.21		8.9
12.0	15.30 14.95		5.0
15.0	19.12 18.69		3.2

η	LED
Efficiency	69 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	15 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	31.7
UGR C90/C270	31.6
CIE Flux Codes	65 88 97 100 100
Ra/CRI	>80

LTS

FLIQ 100.1040.01/DALI

Accessories



FLIQZ 100.01
decorative frame black



FLIQZ 100.02
decorative frame silver



FLIQZ 100.03
decorative frame white



FLIQZ 100.04
light effect frame opal



FLIQZ 100.05
light effect frame clear



FLIQZ 100.06
light effect frame red matt



FLIQZ 100.07
light effect frame yellow matt



FLIQZ 100.08
light effect frame blue matt



FLIQZ 100.16
light effect frame red translucent



FLIQZ 100.17
light effect frame yellow translucent



FLIQZ 100.18
light effect frame blue translucent



FLIQZ 100.24
decorative glass opal



FLIQZ 100.25
decorative glass clear



ZB-OR DONGLE
Organic Response IR dongle kit



ZB-OR GATEWAY
Organic Response IoT Gateway Cascade Series



ZB-OR-R SENSOR
Organic Response sensor for recessed mounting