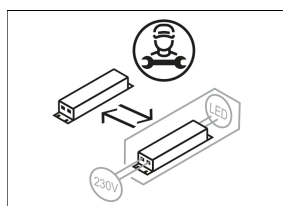
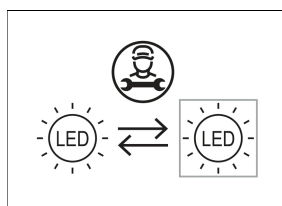
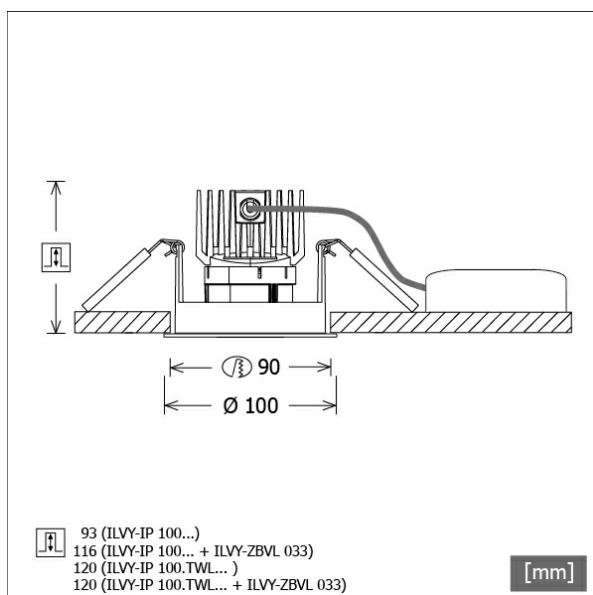


ILVY-IP 100.TWL.50/DALI



Colours	Article no.	EAN
black	658472	4043544673862
white	658473	4043544673879



Description

- round recessed downlight for diverse lighting tasks
- type of protection IP44 from below
- luminaire with halogen-free wiring
- outstanding ease of maintenance
- no UV and thermal emissions
- thermal management with passive cooling (heat sink made from die-cast aluminium)
- LED with full daylight spectrum
- reflector holder made from black ABS
- metal-coated high-gloss polycarbonate reflector with precise symmetrical beam characteristic for highest luminous efficiency and best glare-free lighting
- cone extension ILVY-ZBVL 033 to improve glare can optionally be ordered separately as an accessory (consider installation depth: 116 mm)
- front/recessed ring made from die-cast aluminium (locking ring made of ABS)
- safety glass made from clear polycarbonate
- variable colour temperature control Tunable White Light (white range: 2700 - 6500 K)
- 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) included (external placement)

Notes

When using the luminaire in a closed installation box, observe the dimensions for the installation box (L x W x H = 500 x 190 x 130 mm).

Standard options



Lighting data / Norms

Lamps	LED Spot TWL / CRI 98 / 2700 K
EPREL light sources	876388
	L90 B50 50.000 h
	L80 B50 100.000 h
	L80 B20 50.000 h
Lifetime	14.4 W
System power	max. 940 lm
Luminaire luminous flux	49.30 lm/W
System efficiency	97.61 lm/W
Module efficiency	≤16
UGR class	Wide Flood
Beam range	48°
Beam angle	220 - 240 V / 50 - 60 Hz
Supply voltage	II
Protection class	IP44
Type of protection	

Dimensions / Weights

Outer diameter	100 mm
Height	85 mm

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ILVY-IP 100.TWL.50/DALI

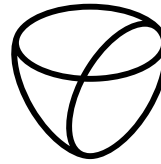
Cut-out (Ø)

Ceiling thickness

Recessed depth

Net weight

Gross weight



LTS
LOVE TO SHINE

90 mm

12.5 - 50.0 mm

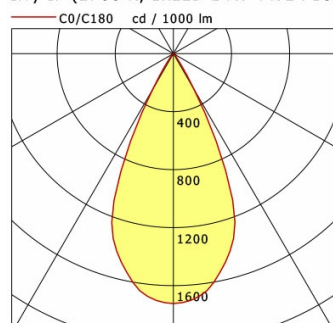
120 mm

0.54 kg

0.64 kg

ILVY-IP 100.TWL.50/DALI

Ilvy IP (2700 K, 1xLED 14W TWL 710lm 50°)



	C0	C90	C180	C270
0°	1724	1724	1724	1724
15°	1450	1450	1450	1450
30°	285	285	285	285
45°	17	17	17	17
60°	6	6	6	6
75°	2	2	2	2
90°	0	0	0	0

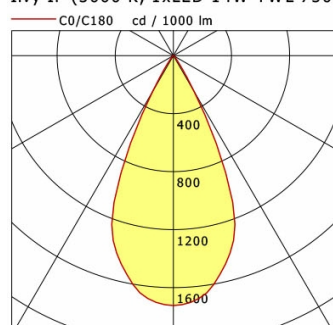
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.70	136.0
6.0	5.40	34.0
9.0	8.10	15.1
12.0	10.80	8.5
15.0	13.50	5.4

η	LED
Efficiency	51 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	14 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	15.4
UGR C90/C270	15.4
CIE Flux Codes	97 99 100 100 100
Ra/CRI	>90

LTS

Ilvy IP (3000 K, 1xLED 14W TWL 730lm 50°)



	C0	C90	C180	C270
0°	1724	1724	1724	1724
15°	1450	1450	1450	1450
30°	285	285	285	285
45°	17	17	17	17
60°	6	6	6	6
75°	2	2	2	2
90°	0	0	0	0

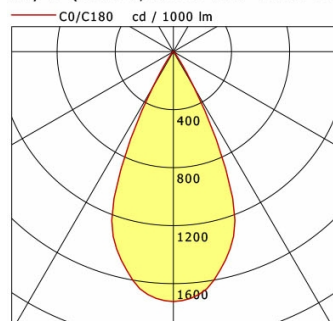
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.70	139.8
6.0	5.40	35.0
9.0	8.10	15.5
12.0	10.80	8.7
15.0	13.50	5.6

η	LED
Efficiency	52 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	14 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	15.5
UGR C90/C270	15.5
CIE Flux Codes	97 99 100 100 100
Ra/CRI	>90

LTS

Ilvy IP (4000 K, 1xLED 14W TWL 790lm 50°)



	C0	C90	C180	C270
0°	1724	1724	1724	1724
15°	1450	1450	1450	1450
30°	285	285	285	285
45°	17	17	17	17
60°	6	6	6	6
75°	2	2	2	2
90°	0	0	0	0

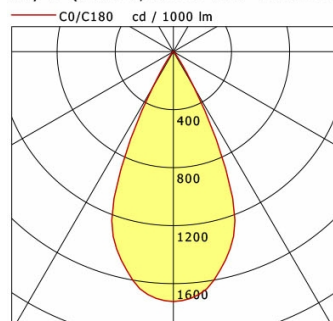
cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.70	151.3
6.0	5.40	37.8
9.0	8.10	16.8
12.0	10.80	9.5
15.0	13.50	6.1

η	LED
Efficiency	56 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	14 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	15.8
UGR C90/C270	15.8
CIE Flux Codes	97 99 100 100 100
Ra/CRI	>90

LTS

Ilvy IP (6500 K, 1xLED 14W TWL 940lm 50°)



	C0	C90	C180	C270
0°	1724	1724	1724	1724
15°	1450	1450	1450	1450
30°	285	285	285	285
45°	17	17	17	17
60°	6	6	6	6
75°	2	2	2	2
90°	0	0	0	0

cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.70	180.0
6.0	5.40	45.0
9.0	8.10	20.0
12.0	10.80	11.3
15.0	13.50	7.2

η	LED
Efficiency	67 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	14 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	16.4
UGR C90/C270	16.4
CIE Flux Codes	97 99 100 100 100
Ra/CRI	>90

LTS

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ILVY-IP 100.TWL.50/DALI

Accessories



ILVY-ZBVL 033
cone extension