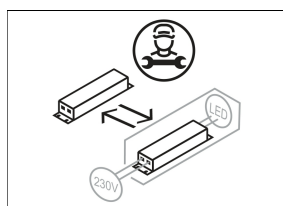
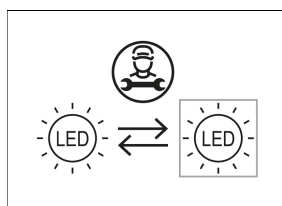
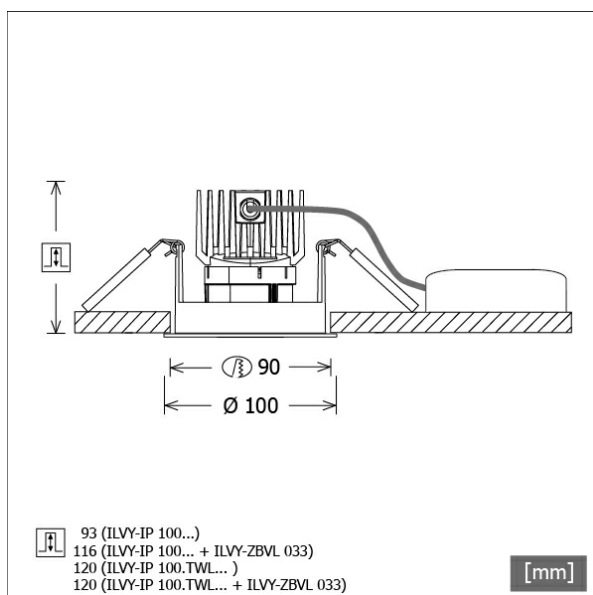


ILVY-IP 100.TWL.30/DALI



Colours	Article no.	EAN
white	658470	4043544673848
black	658471	4043544673855



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. 920 lm
Luminaire luminous flux	47.91 lm/W
System efficiency	97.61 lm/W
Module efficiency	≤16
UGR class	Medium Flood
Beam range	29°
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.30/DALI

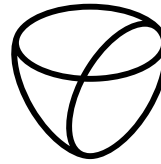
Cut-out (Ø)

Ceiling thickness

Recessed depth

Net weight

Gross weight



LTS
LOVE TO SHINE

90 mm

12.5 - 50.0 mm

120 mm

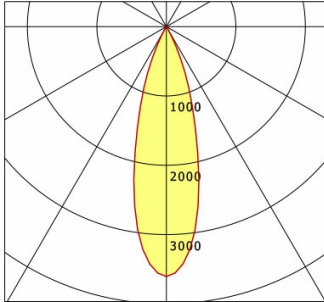
0.54 kg

0.64 kg

ILVY-IP 100.TWL.30/DALI

Ilvy IP (2700 K, 1xLED 14W TWL 690lm 30°)

— C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	3605	3605	3605	3605
15°	1678	1678	1678	1678
30°	79	79	79	79
45°	14	14	14	14
60°	6	6	6	6
75°	3	3	3	3
90°	0	0	0	0
cd / 1000 lm				

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

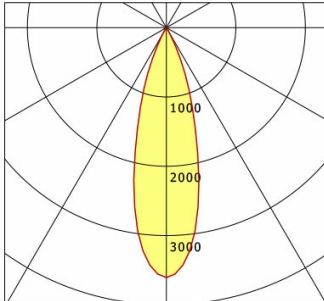
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.54	276.4
6.0	3.07	69.1
9.0	4.61	30.7
12.0	6.14	17.3
15.0	7.68	11.1

η	LED
Efficiency	49 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	14 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	13.5
UGR C90/C270	13.5
CIE Flux Codes	97 99 100 100 100
Ra/CRI	>90

LTS

Ilvy IP (3000 K, 1xLED 14W TWL 710lm 30°)

— C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	3605	3605	3605	3605
15°	1678	1678	1678	1678
30°	79	79	79	79
45°	14	14	14	14
60°	6	6	6	6
75°	3	3	3	3
90°	0	0	0	0
cd / 1000 lm				

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

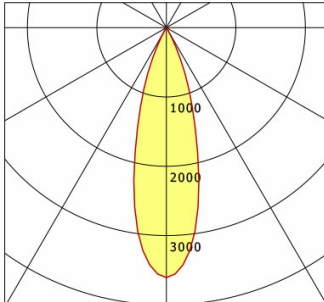
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.54	284.4
6.0	3.07	71.1
9.0	4.61	31.6
12.0	6.14	17.8
15.0	7.68	11.4

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	13.6
UGR C90/C270	13.6
CIE Flux Codes	97 99 100 100 100
Ra/CRI	>90

LTS

Ilvy IP (4000 K, 1xLED 14W TWL 770lm 30°)

— C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	3605	3605	3605	3605
15°	1678	1678	1678	1678
30°	79	79	79	79
45°	14	14	14	14
60°	6	6	6	6
75°	3	3	3	3
90°	0	0	0	0
cd / 1000 lm				

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

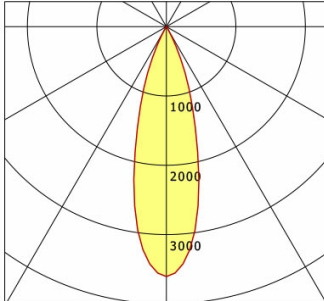
Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.54	308.4
6.0	3.07	77.1
9.0	4.61	34.3
12.0	6.14	19.3
15.0	7.68	12.3

η	LED
Efficiency	55 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	14 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	13.9
UGR C90/C270	13.9
CIE Flux Codes	97 99 100 100 100
Ra/CRI	>90

LTS

Ilvy IP (6500 K, 1xLED 14W TWL 920lm 30°)

— C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	3605	3605	3605	3605
15°	1678	1678	1678	1678
30°	79	79	79	79
45°	14	14	14	14
60°	6	6	6	6
75°	3	3	3	3
90°	0	0	0	0
cd / 1000 lm				

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

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.54	368.5
6.0	3.07	92.1
9.0	4.61	40.9
12.0	6.14	23.0
15.0	7.68	14.7

η	LED
Efficiency	66 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	14 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	14.5
UGR C90/C270	14.5
CIE Flux Codes	97 99 100 100 100
Ra/CRI	>90

LTS

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ILVY-IP 100.TWL.30/DALI

Accessories



ILVY-ZBVL 033
cone extension