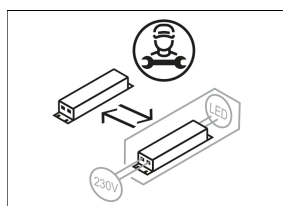
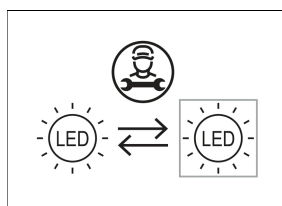
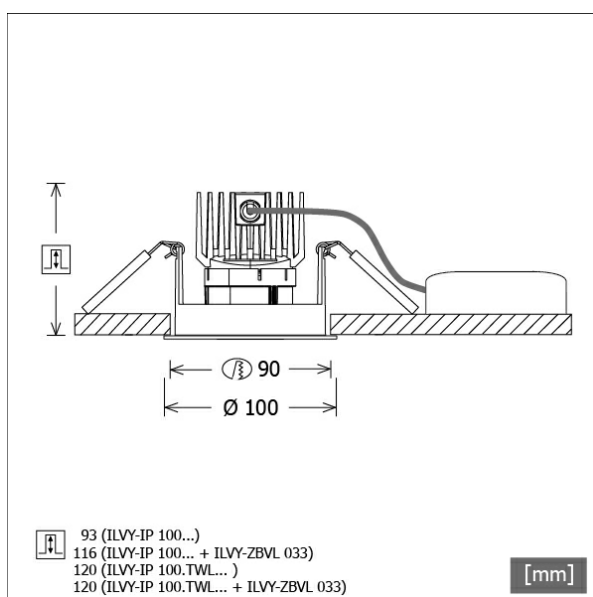


ILVY-IP 100.TWL.20/DALI



Colours	Article no.	EAN
black	658468	4043544673824
white	658469	4043544673831



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. 960 lm
Luminaire luminous flux	50.69 lm/W
System efficiency	97.61 lm/W
Module efficiency	≤16
UGR class	Spot
Beam range	18°
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.20/DALI

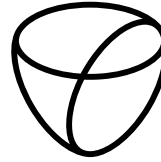
Cut-out (Ø)

Ceiling thickness

Recessed depth

Net weight

Gross weight



LTS
LOVE TO SHINE

90 mm

12.5 - 50.0 mm

120 mm

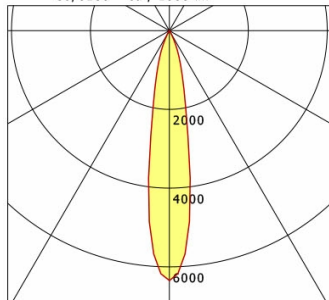
0.54 kg

0.64 kg

ILVY-IP 100.TWL.20/DALI

Ilvy IP (2700 K, 1xLED 14W TWL 730lm 20°)

— C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	6347	6347	6347	6347
15°	1343	1343	1343	1343
30°	75	75	75	75
45°	13	13	13	13
60°	5	5	5	5
75°	2	2	2	2
90°	0	0	0	0
cd / 1000 lm				

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

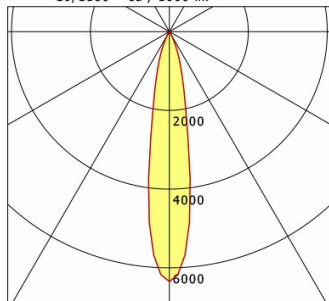
C0-C180 Plane		
3.0	0.96	514.8
6.0	1.93	128.7
9.0	2.89	57.2
12.0	3.86	32.2
15.0	4.82	20.6

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	12.9
UGR C90/C270	12.9
CIE Flux Codes	98 99 100 100 100
Ra/CRI	>90

LTS

Ilvy IP (3000 K, 1xLED 14W TWL 750lm 20°)

— C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	6347	6347	6347	6347
15°	1343	1343	1343	1343
30°	75	75	75	75
45°	13	13	13	13
60°	5	5	5	5
75°	2	2	2	2
90°	0	0	0	0
cd / 1000 lm				

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

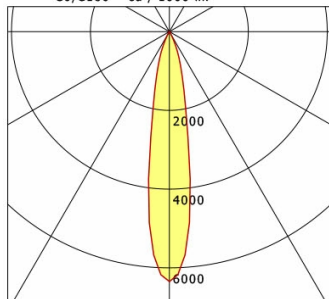
C0-C180 Plane		
3.0	0.96	528.9
6.0	1.93	132.2
9.0	2.89	58.8
12.0	3.86	33.1
15.0	4.82	21.2

η	LED
Efficiency	54 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	14 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	13.0
UGR C90/C270	13.0
CIE Flux Codes	98 99 100 100 100
Ra/CRI	>90

LTS

Ilvy IP (4000 K, 1xLED 14W TWL 810lm 20°)

— C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	6347	6347	6347	6347
15°	1343	1343	1343	1343
30°	75	75	75	75
45°	13	13	13	13
60°	5	5	5	5
75°	2	2	2	2
90°	0	0	0	0
cd / 1000 lm				

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

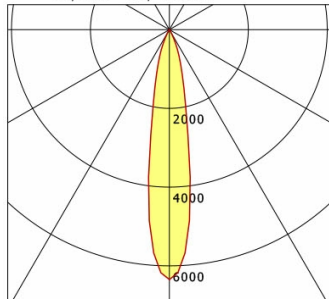
C0-C180 Plane		
3.0	0.96	571.3
6.0	1.93	142.8
9.0	2.89	63.5
12.0	3.86	35.7
15.0	4.82	22.9

η	LED
Efficiency	58 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	14 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	13.3
UGR C90/C270	13.3
CIE Flux Codes	98 99 100 100 100
Ra/CRI	>90

LTS

Ilvy IP (6500 K, 1xLED 14W TWL 960lm 20°)

— C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	6347	6347	6347	6347
15°	1343	1343	1343	1343
30°	75	75	75	75
45°	13	13	13	13
60°	5	5	5	5
75°	2	2	2	2
90°	0	0	0	0
cd / 1000 lm				

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

C0-C180 Plane		
3.0	0.96	677.0
6.0	1.93	169.3
9.0	2.89	75.2
12.0	3.86	42.3
15.0	4.82	27.1

η	LED
Efficiency	69 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	98 99 100 100 100
Ra/CRI	>90

LTS

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ILVY-IP 100.TWL.20/DALI

Accessories



ILVY-ZBVL 033
cone extension