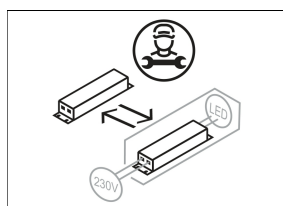
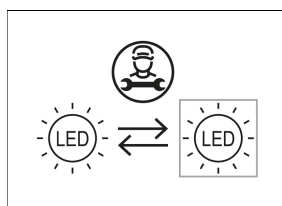
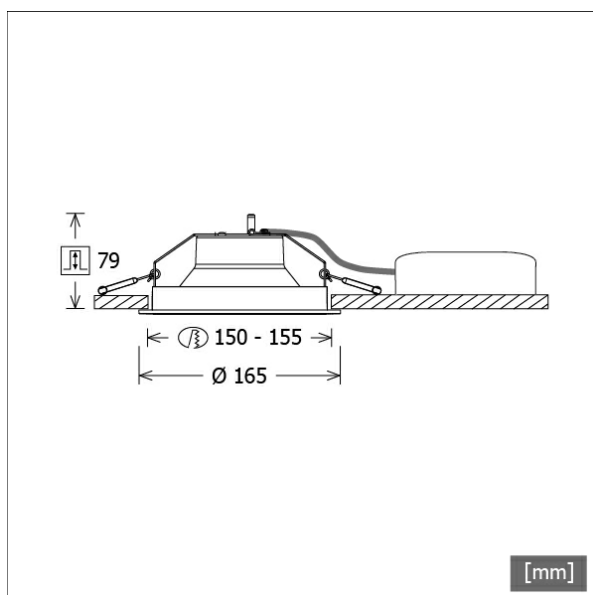


LEWYS 102.840



Colours	Article no.	EAN
white	667834	4043544771759
black	659307	4043544785060



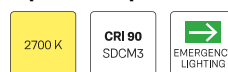
Description

- round recessed downlight for diverse lighting tasks
- luminaire with halogen-free wiring
- outstanding ease of maintenance
- no UV and thermal emissions
- innovative thermal management via reflector (no heat sink required)
- high-tech reflector lense made from PMMA for high luminous efficiency and glare-free lighting
- high performance anodised aluminium reflector with precise symmetrical beam characteristic
- recessed ring made from polycarbonate
- tool-free ceiling mounting via automatic quick clamping (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

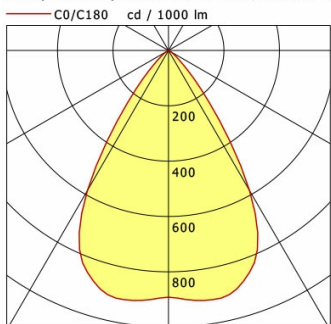
Lamps	LED Spot / CRI 80 / 4000 K
EPREL light sources	848119
	L90 B50 50.000 h
	L80 B50 100.000 h
	L80 B20 50.000 h
Lifetime	
System power	19.3 W
Luminaire luminous flux	2490 lm
System efficiency	129.01 lm/W
Module efficiency	160.37 lm/W
UGR class	≤19
Beam angle	65°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	II
Type of protection	IP20

Dimensions / Weights

Outer diameter	165 mm
Height	79 mm
Cut-out (Ø)	150 mm
Ceiling thickness	1.0 - 25.0 mm
Recessed depth	79 mm
Net weight	0.38 kg
Gross weight	0.50 kg

LEWYS 102.840

Lewy Small (1xLED 19W 840/4000K 2590lm 65°)



	C0	C90	C180	C270
0°	892	892	892	892
15°	904	904	904	904
30°	584	584	584	584
45°	86	86	86	86
60°	8	8	8	8
75°	0	0	0	0
90°	0	0	0	0
cd / 1000 lm				

Offset [m]	Cone width [m]	Illuminance [lx]
C0-C180 Plane		
3.0	3.86	256.6
6.0	7.72	64.2
9.0	11.58	28.5
12.0	15.44	16.0
15.0	19.30	10.3

η	LED
Efficiency	136 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	19 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	19.3
UGR C90/C270	19.3
CIE Flux Codes	92 100 100 100 100
Ra/CRI	>80

LTS

Accessories



BTS 413.150.142
concrete casting pot



ZDAR 150.170-230
compensation ring for ceiling cut-outs from 170 to 230 mm



ZVP 100
universal reinforcement frame
(module 625 x 625)