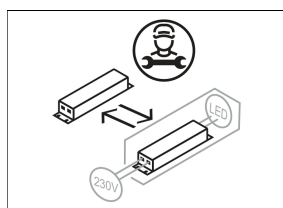
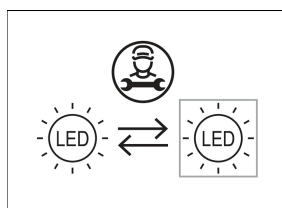
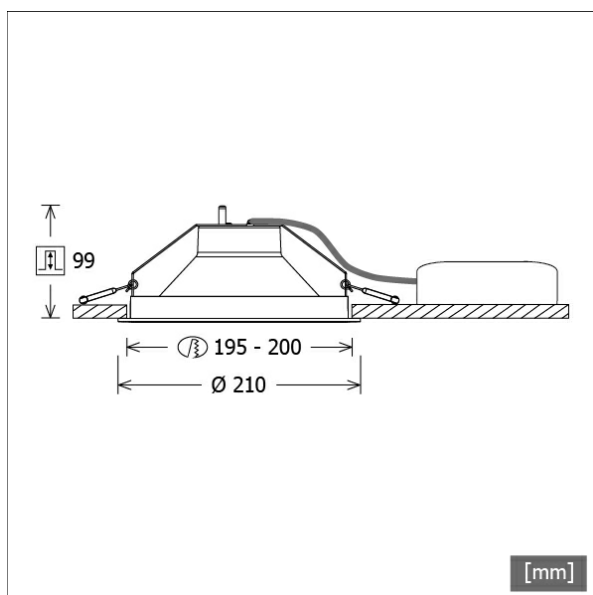


LEWYM 102.840



Colours	Article no.	EAN
white	667822	4043544771636
black	659295	4043544784940



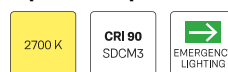
Description

- 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
Lifetime	L90 B50 50.000 h
	L80 B50 100.000 h
	L80 B20 50.000 h
System power	19.3 W
Luminaire luminous flux	2600 lm
System efficiency	134.71 lm/W
Module efficiency	160.37 lm/W
UGR class	≤19
Beam angle	67°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	II
Type of protection	IP20

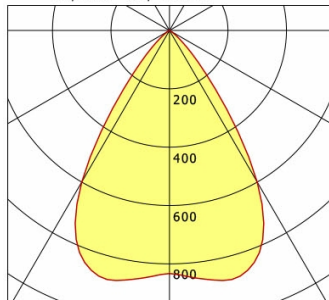
Dimensions / Weights

Outer diameter	210 mm
Height	99 mm
Cut-out (Ø)	195 mm
Ceiling thickness	1.0 - 25.0 mm
Recessed depth	99 mm
Net weight	0.44 kg
Gross weight	0.55 kg

LEWYM 102.840

Lewy Medium (1xLED 19W 840/4000K 2600lm 67°)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	833	833	833	833
15°	879	879	879	879
30°	600	600	600	600
45°	96	96	96	96
60°	5	5	5	5
75°	0	0	0	0
90°	0	0	0	0

cd / 1000 lm

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

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.98	240.7
6.0	7.97	60.2
9.0	11.95	26.7
12.0	15.93	15.0
15.0	19.91	9.6

η	LED
Efficiency	137 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	19 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	17.5
UGR C90/C270	17.5
CIE Flux Codes	92 100 100 100 100
Ra/CRI	>80

LTS

Accessories



BTS 413.196.142
concrete casting pot



ZDAR 200.220-280
compensation ring for ceiling cut-outs from 220 to 280 mm



ZVP 100
universal reinforcement frame
(module 625 x 625)