

CSA-R 402.930.WF



Description

- recessed downlight with wide range of applications
- outstanding ease of maintenance
- no UV and thermal emissions
- innovative thermal management with passive cooling (heat sink made from die-cast aluminium)
- specular aluminium reflector with precise symmetrical beam characteristic for high luminous efficiency and glare-free lighting
- front ring made from die-cast aluminium with filigree black polycarbonate inner ring for additional glare control
- 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) included (external placement)

Notes

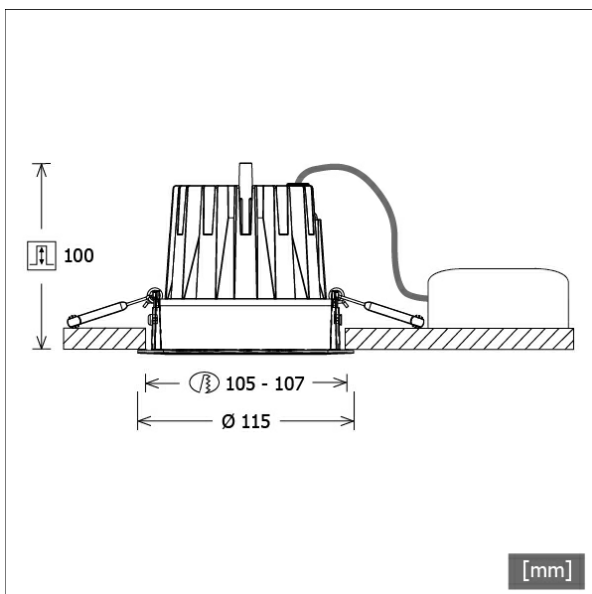
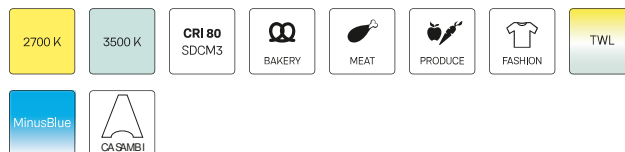
Also available with lower system power / lumen output on request.

Colours	Article no.	EAN
silver	668135	4043544797940
black	668136	4043544797957
white	668137	4043544797964

Standard options



Special options



Lighting data / Norms

Lamps	LED Spot / CRI 90 / 3000 K
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	19.7 W
Luminaire luminous flux	2550 lm
System efficiency	129.44 lm/W
Module efficiency	137.00 lm/W
UGR class	≤22
Beam range	Wide Flood
Beam angle	57°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	II
Type of protection	IP20

Dimensions / Weights

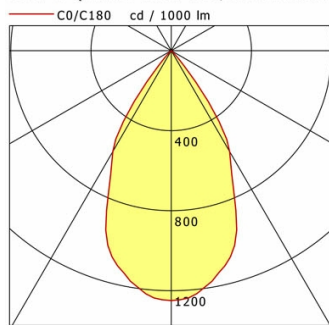
Outer diameter	115 mm
Height	102 mm
Cut-out (Ø)	105 - 107 mm
Ceiling thickness	3.0 - 26.0 mm
Recessed depth	100 mm
Net weight	0.42 kg
Gross weight	0.48 kg



CSA-R 402.930.WF

CSA-R 402.930.WF

CSA 40 (1xLED 20W 930/3000K 2550lm 57°)



	C0	C90	C180	C270
0°	1249	1249	1249	1249
15°	1091	1091	1091	1091
30°	582	582	582	582
45°	19	19	19	19
60°	0	0	0	0
75°	0	0	0	0
90°	0	0	0	0
cd / 1000 lm				

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.23	353.9
6.0	6.46	88.5
9.0	9.69	39.3
12.0	12.92	22.1
15.0	16.16	14.2

η	LED
Efficiency	128 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	20 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	21.9
UGR C90/C270	21.9
CIE Flux Codes	99 100 100 100 100
Ra/CRI	>90

LTS