CSAFL 43.1040.50/DALI

LTS
LOVE TO SHINE

CE | RoHS | IP20

Colours	Article no.	EAN
black	642758	4043544489678
silver	642759	4043544489685
white	642760	4043544489692

⌀ 105
⌀ 115

65 (CSAFL 40.10)
75 (CSAFL 40.20)
95 (CSAFL 40.30)

[mm]
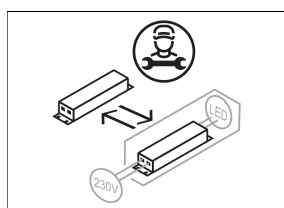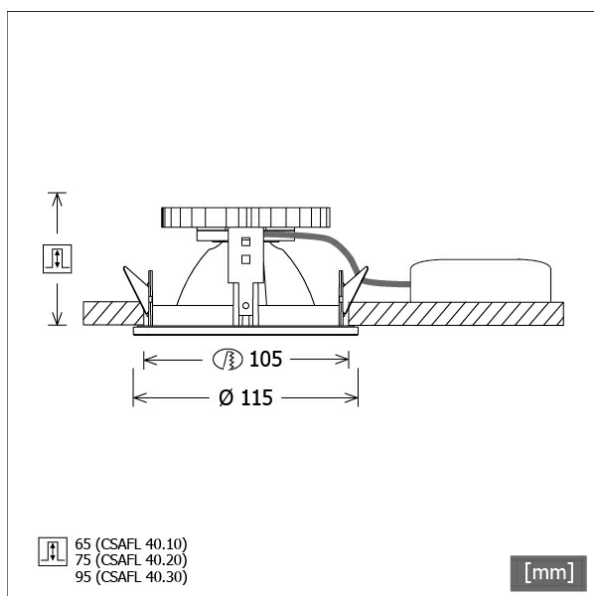
Description

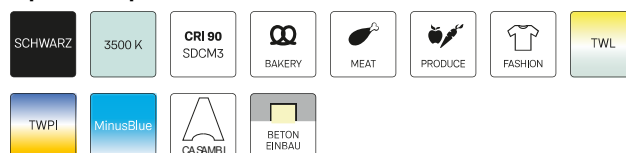- recessed downlight with high-gloss front design for wide range of applications
- outstanding ease of maintenance
- no UV and thermal emissions
- thermal management with passive cooling (heat sink made from aluminium)
- specular aluminium reflector with precise symmetrical beam characteristic for high luminous efficiency and glare-free lighting
- front ring and recessed ring made from die-cast zinc
- tool-free ceiling mounting via leaf springs (adjustable ceiling thickness)
- luminaire and ballast permanently connected via cable (length: 500 mm), ballast ready for mains connection
- ballast (LED converter DALI, dimmable) included (external placement)

Standard options

| 2700 K | 3000 K | SP | MF |

Special options

| SCHWARZ | 3500 K | CRI 90 SDCM3 | BAKERY | MEAT | PRODUCE | FASHION | TWL |
| TWPI | MinusBlue | CASAMBI | BETON EINBAU |
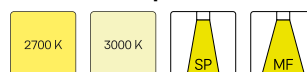
Lighting data / Norms

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	14.0 W
Luminaire luminous flux	1470 lm
System efficiency	105.00 lm/W
Module efficiency	160.37 lm/W
UGR class	≤ 19
Beam range	Wide Flood
Beam angle	46°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	II
Type of protection	IP20

Dimensions / Weights

Outer diameter	115 mm
Height	70 mm
Cut-out (⌀)	105 mm
Ceiling thickness	3.0 - 25.0 mm
Recessed depth	65 mm
Net weight	0.65 kg
Gross weight	0.72 kg

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CSA 40 Flat (1xLED 14W 827/2700K 1370lm 15 °)

C0/C180   cd / 1000 lm
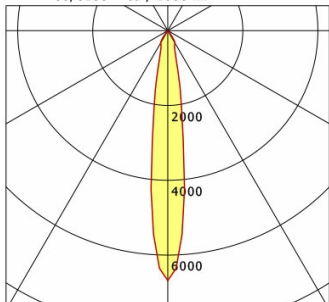
	C0	C90	C180	C270
0°	6680	6680	6680	6680
15°	959	959	959	959
30°	381	381	381	381
45°	4	4	4	4
60°	3	3	3	3
75°	2	2	2	2
90°	0	0	0	0

cd / 1000 lm

Offset [m]	Cone width [m]	Illuminance [lx]
C0-C180 Plane		
3.0	0.77	1016.8
6.0	1.54	254.2
9.0	2.31	113.0
12.0	3.08	63.6
15.0	3.85	40.7

η		LED
Efficiency		98 lm/W
Direct/Indirect		↓ 100% / ↑ 0%
System Power		14 W
UGR		X = 4H, Y = 8H
Reflection factors		70/50/20
UGR C0/C180		16.5
UGR C90/C270		16.5
CIE Flux Codes		99 99 100 100 100
Ra/CRI		>80

LTS

Accessories

ZB-OR DONGLE
Organic Response IR dongle kit

ZB-OR GATEWAY
Organic Response IoT Gateway Cascade Series

ZB-OR-R SENSOR
Organic Response sensor for recessed mounting