DATASHEET

SOFT124 Soft 12W 4000K CRI90 low ugr white non dimma

integratech
less energy more light.

Soft is a high-performance LED downlight with high color rendering CRI90 and low glare UGR<19. Soft is equipped with a deeper mounted LED source with a milky diffuser and an external matte aluminum reflector. Soft is equipped with a Citizen COB LED chip with high efficiency and high color rendering CRI90. The solid aluminum housing has sturdy clamp hinges. Supplied with non-dimmable Tridonic driver and a tool-less connection box for quick connection and through-wiring.

IP	IK		Warranty	lm/W	PF		Flicker-Free		CCT	DIM			ENEC	STOCK
IP20	IK04	55	5 YEARS	up to 100	0,9	50.000 L80B20	YES	90	4000	NO	COB	16	NO	YES

Technical specifications

Referentie	SOFT124
EAN code	5420076267575
ETIM code	EC001744

Electrical specifications

System power (W)	12,8
LED power (W)	12
Input voltage (Vac)	220-240Vac
Frequency (Hz)	50/60
Driver included	yes
Driver intern/extern	extern
Driver brand	Tridonic
Driver reference	LC 15/300/50
Dimmable	nee
Flicker free	yes
Power factor	0,9
Connection cable	0,2m
Driver output (V)	40V
Driver output (mA)	300mA
Isolation class	I
Energy class	A+
N° circ. breaker 16A C	85
N° circ. breaker 16A D	
Inrusch current	14,5A 114µs

Warranty and certification

Lifetime (h)	50.000 L80B20
Warranty (years)	5 (excluding batteries)
ENEC	no

Photometric specifications

Light angle (°)	55
Color temperature (K)	4000
CRI	90
UGR	16
SDCM	3
Lumen output (Lm)	1174
Lm/W	100
Flux code	93 99 100 100 100
Ledchip	COB
Led manufacturer	Citizen
N° of LEDs	1
Photobiological class	RG0

Dimensions and material properties

Dimensions (LxBxH)	101x101x60mm
Weight (kg)	0,28
Color	white
Working temp. (°C)	-20~+45
IP value	IP20
IK value	IK04
UV resistant	yes
Seawater resistant	no
UL94	
N° in masterbox	36
N° on pallet	
MOQ	1
Stock item	yes

Visit our website for all test reports LM-79 / LM-80 / TM-21 and elumdat files, subject to changes without notice.
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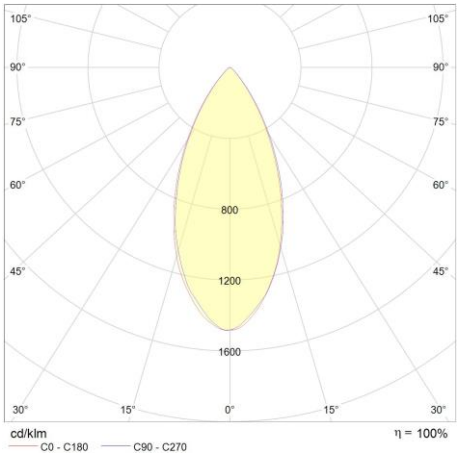
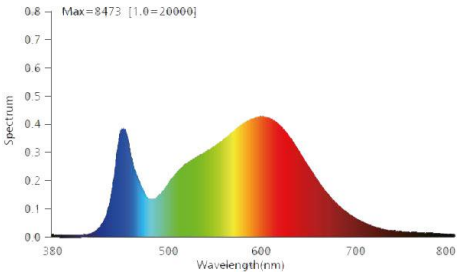
Lumen distribution

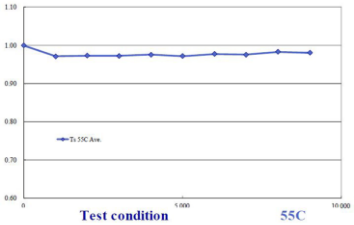


Distance curve:

Spectrum distribution



Lumendrop



Test condition	55C
Sample size	11pcs
Number of failures	0pcs
DUT drive current used in the test	4140mA
Test duration	9,000H
Test duration used for projection	4,000H - 9,000H
Tested case temperatureTc	55C
α	-1.61953E-06
B	0.967
Reported L70 (9k) (hour)	>50000
Reported L80 (9k) (hour)	>50000
Reported L90 (9k) (hour)	>50000

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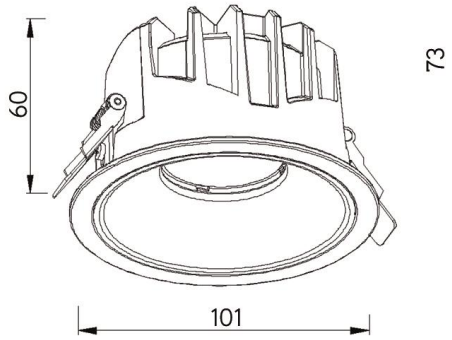
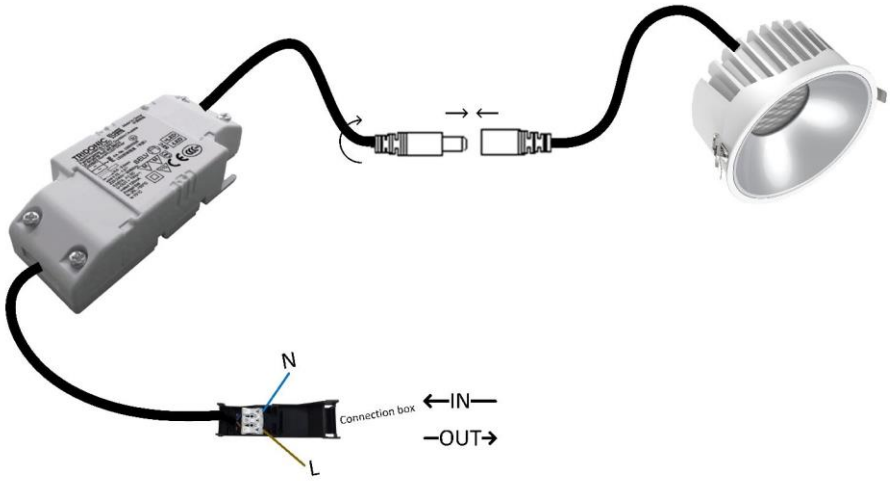
Dimensions



Cut-out 85mm

12W

Connection diagram



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