



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 universally dimmable Unidriver suitable for TRIAC, 1-10V and DALI2 dimming. Unidriver has an inrush current of only 2A and does not use a PWM output signal during dimming, but amplitude dimming = no flicker or stroboscopic effect!

IP20	IK04	55	5 YEARS	up to 100	0,95	50.000 L80B20	YES	90	3000	1-10V/DALI	COB	16	NO	YES

### Technical specifications

Referentie	SOFT153DIM
EAN code	5420076267704
ETIM code	EC001744

### Electrical specifications

System power (W)	17,7
LED power (W)	15
Input voltage (Vac)	220-240Vac
Frequency (Hz)	50/60
Driver included	yes
Driver intern/extern	extern
Driver brand	Integratech
Driver reference	Unidriver15
Dimmable	TRIAC/1-10V/DALI/push
Flicker free	yes
Power factor	0,95
Connection cable	0,2m
Driver output (V)	43V
Driver output (mA)	350mA
Isolation class	I
Energy class	A+
N° circ. breaker 16A C	85
N° circ. breaker 16A D	
Inrush current	2A

### Warranty and certification

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

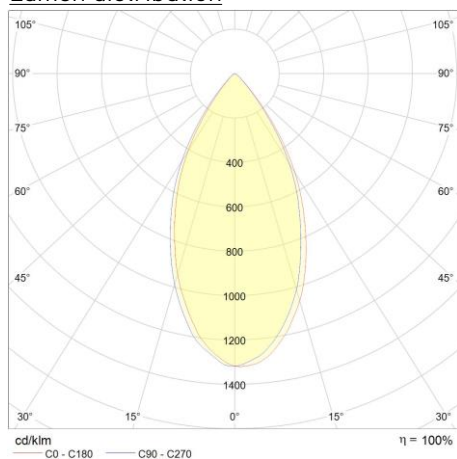
### Photometric specifications

Light angle (°)	55
Color temperature (K)	3000
CRI	90
UGR	16
SDCM	3
Lumen output (Lm)	1311
Lm/W	100
Flux code	93 99 100 100 100
Ledchip	COB
Led manufacturer	Citizen
N° of LEDs	1
Photobiological class	RG0

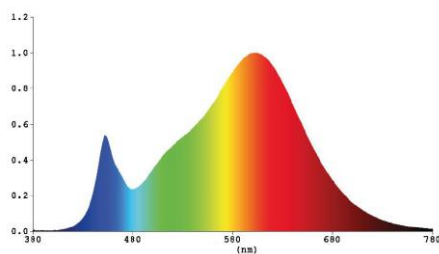
### Dimensions and material properties

Dimensions (LxBxH)	140x140x73mm
Weight (kg)	0,5
Color	white
Working temp. (°C)	-20~+45
IP value	IP20
IK value	IK04
UV resistant	yes
Seawater resistant	no
UL94	
N° in masterbox	24
N° on pallet	
MOQ	1
Stock item	yes

## Lumen distribution

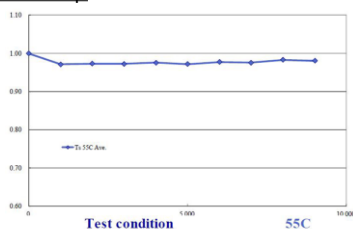


## Spectrum distribution



## Distance curve:

## Lumendrop

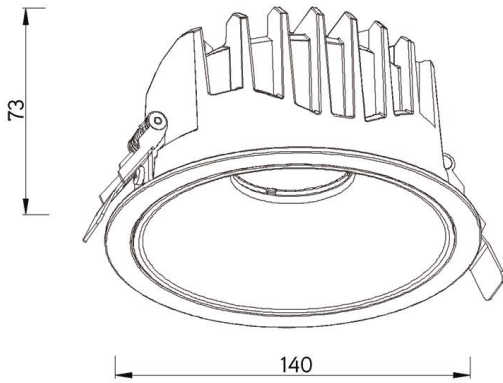


Test condition		55C
Sample size	11pcs	
Number of failures	0pcs	
DUT drive current used in the test	4140mA	
Test duration	9,000H	
Test duration used for projection	4,000H - 9,000H	
Tested case temperature Tc	55C	
$\alpha$	-1.61953E-06	
B	0.967	
Reported L70 (9%) (hour)	>50000	
Reported L80 (9%) (hour)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

# DATASHEET

SOFT153DIM Soft 15W 3000K CRI90 low ugr white univers

## Dimensions



Cut-out 120mm

15W

### Connection diagram

