

Carter-F90

10W Fixed IP Rated LED Recessed Downlight



Luminaire Finishes

White (WH) Black (BK) Custom



WATTAGE 10W

Ø 90

UGR <19

Bluetooth

Z

bali

CE

WARRANTY 5YR

3-Step

CRI (Ra) >83

60°

IP 65

IP65 rated, recessed, LED luminaire series with a deep set light source, providing symmetrical low glare distribution and efficient performance. Suitable for interior or exterior applications, it is available in a range of wattage/lumen packages and various dimming options.

With a die-cast aluminium housing and aluminium reflector, it is available in black, white and custom finishes. Integrating Zhaga compliant Citizen LED technology with Tridonic control gear, the Carter series comes with a 5 year warranty.

- Luminaire wattage: 10W (System 13W)
- Luminous flux: 1075-1110Lm²
- Luminaire efficacy: 82.69Lm/W¹
- Correlated colour temperature: 3000K, 4000K
- Colour rendering index: >83³
- Mac-Adams Ellipse: 3-SDCM
- LED brand: Citizen COB LED
- Glare control: UGR<19
- Symmetrical distribution: 60°
- Outer trim Ø110mm; Ceiling cut-out Ø90mm
- Ingress protection rating: IP65 standard (Complete)
- Luminaire finishes: White; Black; Custom optional⁴
- Longevity: >50,000Hrs L80 B10
- Driver: Tridonic non-dimmable as standard
- Dimming: DALI-2, BLE (basicDIM Wireless / Casambi) on request⁴
- Weight: 380g (excluding driver)
- Warranty: 5 years⁵

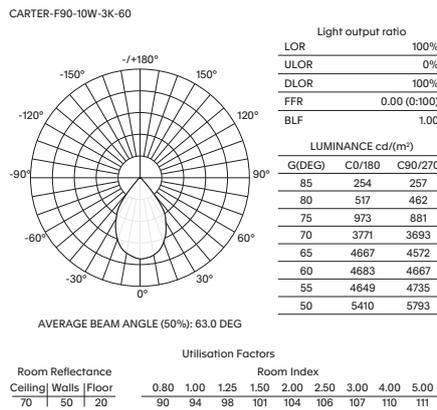
Model	LED Output ²	Luminous Flux ²	LED Wattage	System Wattage	CCT	CRI ³	Distribution
CARTER-F90-10W-3K	1200Lm	1075Lm	10W	13W	3000K	>83	60°
CARTER-F90-10W-4K	1270Lm	1110Lm	10W	13W	4000K	>83	60°

For Non-dimming add suffix ND
For DALI-2 dimming add suffix D
For BLUETOOTH dimming add suffix BT

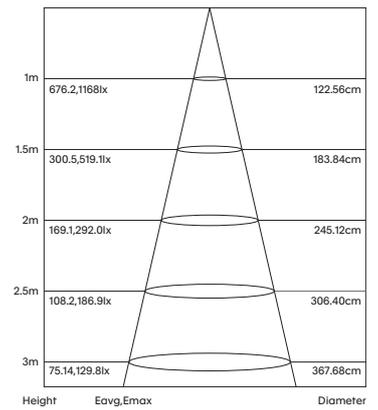
Example product order code configuration: CARTER-F90-10W-3K-60-D-(WH)

Model	Wattage	CCT	Distribution	Driver	Luminaire Finish					
CARTER-F90	+	10W	+	3K	+	60	+	D	+	WH

Light Distribution



Cone Diagram



1 Luminaire efficacy based on CCT 3000K; CCT variation will alter efficacy
2 +/- 10% stated initial LED and luminous flux tolerance
3 Colour Rendering Index: >83 Standard (Citizen COB series)
4 Additional charges apply for non-standard colour/s and dimming options
5 Five year manufacturer's warranty covering product defects and performance deficiencies