

LED DOWNLIGHT

COMMERCIAL COB SERIES (CCD-E)

FREND
lighting



Key Features

Optical Systems	55° 100° Beam Angle	CCT	3000K 4000K 5000K 5700K
Mounting Type	Recessed	Colour Consistency (LED Module)	3 SDCM
Finish Options	White Black	COI Compliant	N/A
Warranty	5 Years	Lumen Output	1050 - 3080lm
CRI	>90	Lifetime	...

Application

Commercial and Public Spaces, Healthcare, Residential, suitable for use in Bathrooms.

Design

Body in cast aluminium, light source: COB LED.

Installation

Recessed into matching cut-out, can be insulation covered (IC-4 rated).

Notes

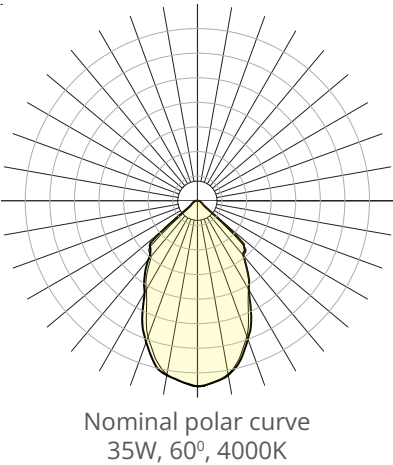
- Data value may change depending on configurations and product availability.

Configurations

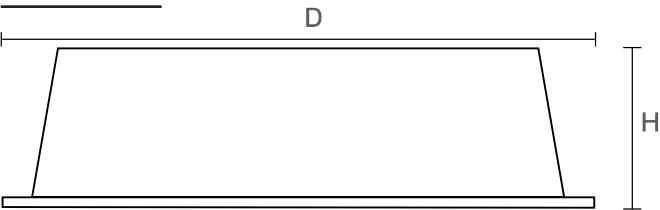
Code	Wattage (W)	Output (lm)	Fitting Dimensions (mm)		Cutout (mm)
			Diameter (D)	Height (H)	
CCD3-12W-E	12	1050	Ø 115	48	Ø 100
CCD4-15W-E	15	1320	Ø 145	60	Ø 130
CCD5-20W-E	20	1760	Ø 159	60	Ø 150
CCD6-25W-E	25	2200	Ø 190	60	Ø 170
CCD8-35W-E	35	3080	Ø 230	72	Ø 210

Specifications subject to change without notice.

Photometrics



Dimensions



Code

CCD3 - 12W-E

Cutout	12 Watts	15 Watts	20 Watts	25 Watts	30 Watts
100 - 105 mm 130 - 135 mm 145 - 150 mm 165 - 180 mm 200 - 220 mm	CCD3-12W-E	CCD4-15W-E	CCD5-20W-E	CCD6-25W-E	CCD8-35W-E