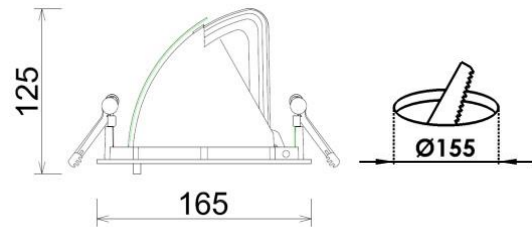


Technical Specification

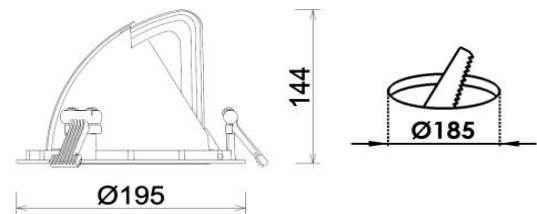
COB-RT

Product Name:	COB - RT
Category:	Ceiling Light
Description:	Retractable and rotatable ceiling light with single Chip on Board LED

COB10 -35 - RT



COB45 - RT



Technical Specification

COB-RT

Fitting Material	High-pressure die-cast aluminium housing
Trim adjustability	Swivel Trim, retractable head
Available finishes	Powder coated white
Optic Type	Reflector
IP Rating	IP20
Mounting Type	Ceiling cut-out
LED Colours (CCT)	3000K, 4000K + speciality retail, food and health colours
LED Colour Consistency	<3 SDCM
Colour Rendering Index (CRI)	CRI80 , CRI90 (CRI95+ on request)
LED Lifetime	L80B10 >50,000 hrs at Ta = 25° Celsius
Control Options	Non-dim (N), Phase-cut Dim (D), DALI-Dim (DALI), Bluetooth (BLU)
Operating Voltage/ Frequency	220 – 240 V/ 50 – 60 Hz
Optional Add-ons	Min. 1-hour emergency version available
	Compatibility with specific motion or light sensors
Warranty	5-year warranty as per LEDwise standard terms of the warranty
Manufacture	Assembled in South Africa

Optical and Electrical Characteristics


Product Code	Plug Power (W)	LED Colour	Colour Temp (K)	Min CRI	Luminaire Luminous Flux (lm) *	Luminaire Luminous Efficacy (lm/W)	LED Luminous Flux (lm) *	Beam Angle
COB10-RT	10.1	3080	3000	80	1082	107	1320	15, 30, 45, 60°
		3090	3000	90	920	91	1122	
		4080	4000	80	1136	112	1385	
		4090	4000	90	965	96	1177	
COB15-RT	13.95	3080	3000	80	1556	112	1897	
		3090	3000	90	1377	101	1679	
		4080	4000	80	1647	118	2008	
		4090	4000	90	1418	104	1729	
COB20-RT	19.98	3080	3000	80	2191	111	2672	
		3090	3000	90	1913	96	2403	
		4080	4000	80	2346	119	2861	
		4090	4000	90	1970	99	2403	
COB25-RT	28.04	3080	3000	80	2961	93	3611	
		3090	3000	90	2582	93	3149	
		4080	4000	80	3155	113	3847	
		4090	4000	90	2658	96	3242	
COB35-RT	36.51	3080	3000	80	3962	110	4832	
		3090	3000	90	3257	89	3972	
		4080	4000	80	4259	101	5194	
		4090	4000	90	3599	99	4389	
COB45-RT	42.06	3080	3000	3080	4259	101	5194	20, 36, 45°
		3090	3000	3090	3599	83	4389	
		4080	4000	4080	4516	107	5507	
		4090	4000	4090	3719	88	4535	

*Values accurate to within 10%

Technical Specification

COB-RT

Product Ordering Code				
Example: COB25-RT – 3080 - 30° - WT - N				
<i>COB25-RT</i>	3080 = 3000K CRI80	30°	WT	N (Non-Dim)
Product Code	LED Colour CRI	Beam Angle	Fitting Colour	Control

Warning	
<i>DO NOT COVER WITH THERMAL INSULATION MATERIAL</i>	

Document info
<i>COB-RT Rev 5</i>