

CONTOUR RECESSED

Product Features

- Aluminium extruded precision cut body with recessing flange finished in RAL9005. Low glare polycarbonate diffuser in opal or micro prism with flush die-cast aluminium endcaps
- Continuous homogeneous recessed lighting system with up to 109 Llm/cW, fixed output or dimmable drivers available along with full range of lit connectors
- Suitable for recessed mounting in plasterboard with flange design, plug and play wiring for continuous connection

Mechanical & Electrical Connectors

LCOCC – Continuous Wiring Connector (1 required for each electrical connection)

LCOFB – Continuous Fixing Bracket (1 required for each luminaire)



CAT NO.	DRIVER	LENGTH INC. END CAPS (mm)	LENGTH EXCL. END CAPS (mm)	LUMINAIRE LUMENS	WATTAGE	EFFICACY Llm/cW
LCOT06BO06S40	Fixed Output	602	565	600	6W	100
LCOT06BO06D40	Digital Dimmable	602	565	600	6W	100
LCOT06BO12S40	Fixed Output	602	565	1200	11W	109
LCOT06BO12D40	Digital Dimmable	602	565	1200	11W	109
LCOT12BO12S40	Fixed Output	1162	1126	1250	12W	104
LCOT12BO12E40	Fixed Output + Emergency	1162	1126	1250	12W	104
LCOT12BO12D40	Digital Dimmable	1162	1126	1250	12W	104
LCOT12BO12ED40	Digital Dimmable + Emergency	1162	1126	1250	12W	104
LCOT12BO24S40	Fixed Output	1162	1126	2500	22W	114
LCOT12BO24E40	Fixed Output + Emergency	1162	1126	2500	22W	114
LCOT12BO24D40	Digital Dimmable	1162	1126	2500	22W	114
LCOT12BO24ED40	Digital Dimmable + Emergency	1162	1126	2500	22W	114
LCOT15BO15S40	Fixed Output	1442	1406	1600	14W	114
LCOT15BO15E40	Fixed Output + Emergency	1442	1406	1600	14W	114
LCOT15BO15D40	Digital Dimmable	1442	1406	1600	14W	114
LCOT15BO15ED40	Digital Dimmable + Emergency	1442	1406	1600	14W	114
LCOT15BO30S40	Fixed Output	1442	1406	3100	28W	111
LCOT15BO30E40	Fixed Output + Emergency	1442	1406	3100	28W	111
LCOT15BO30D40	Digital Dimmable	1442	1406	3100	28W	111
LCOT15BO30ED40	Digital Dimmable + Emergency	1442	1406	3100	28W	111
LCOT18BO18S40	Fixed Output	1723	1687	1900	18W	106
LCOT18BO18E40	Fixed Output + Emergency	1723	1687	1900	18W	106
LCOT18BO18D40	Digital Dimmable	1723	1687	1900	18W	106
LCOT18BO18ED40	Digital Dimmable + Emergency	1723	1687	1900	18W	106
LCOT18BO36S40	Fixed Output	1723	1687	3800	31W	123
LCOT18BO36E40	Fixed Output + Emergency	1723	1687	3800	31W	123
LCOT18BO36D40	Digital Dimmable	1723	1687	3800	31W	123
LCOT18BO36ED40	Digital Dimmable + Emergency	1723	1687	3800	31W	123

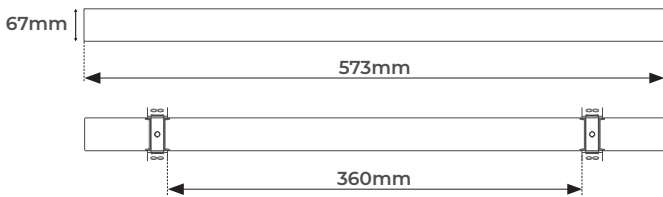
PRODUCT OPTIONS

Lite IP Connectivity	Insert W , eg. LCOT15BO15 W 40
Lite IP Connectivity with PIR Sensor	Insert W , eg. LCOT15BO15 W 40 PIR

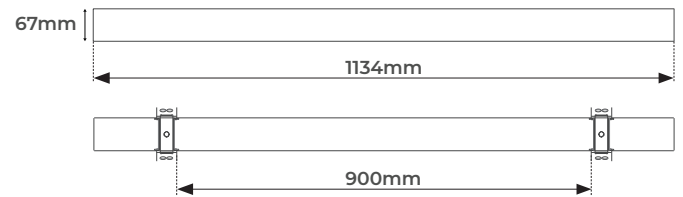
To Specify:

Recessed linear LED lighting system with efficacy up to 109Llm/cW. Precision extruded aluminium modules with polycarbonate opal or microprism diffusers. Provides standalone or continuous smooth lines or angles of light.

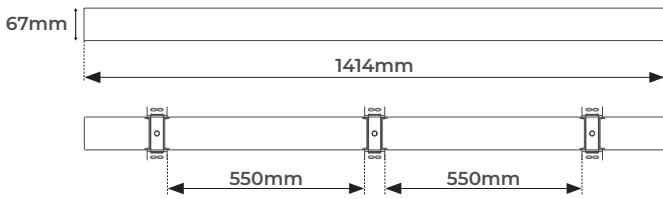
Fixing Brackets



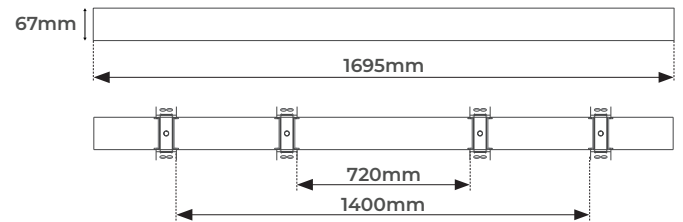
LCOT06xx



LCOT12xx



LCOT15xx

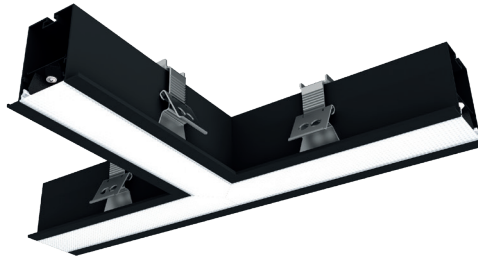


LCOT18xx

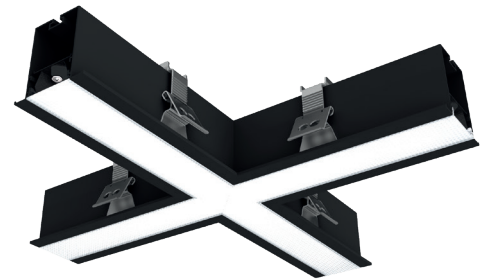
CONNECTORS



LCOT9CBO06S40



LCOTT CBO09S40



LCOTXCBO12S40

CAT NO.	DRIVER	LENGTH INCL. END CAPS (mm)	LENGTH EXCL. END CAPS (mm)	HEIGHT (mm)	WIDTH 1 (mm)	WIDTH 2 (mm)	LUMINAIRE LUMENS	WATTAGE	EFFICACY Llm/cW
90° Connector									
LCOT9CBO06S40	Fixed Output	329	329	84	60	90	600	6W	106
LCOT9CBO06D40	Digital Dimmable	329	329	84	60	90	600	6W	106
LCOT9CBO12S40	Fixed Output	329	329	84	60	90	1200	11W	106
LCOT9CBO12D40	Digital Dimmable	329	329	84	60	90	1200	11W	106
T Connector									
LCOTT CBO09S40	Fixed Output	568	329	84	60	90	900	9W	100
LCOTT CBO09D40	Digital Dimmable	568	329	84	60	90	900	9W	100
LCOTT CBO18S40	Fixed Output	568	329	84	60	90	1800	17W	106
LCOTT CBO18D40	Digital Dimmable	568	329	84	60	90	1800	17W	106
X Connector									
LCOTXCBO12S40	Fixed Output	568	568	84	60	90	1200	12W	100
LCOTXCBO12D40	Digital Dimmable	568	568	84	60	90	1200	12W	100
LCOTXCBO24S40	Fixed Output	568	568	84	60	90	2400	22W	109
LCOTXCBO24D40	Digital Dimmable	568	568	84	60	90	2400	22W	109

LCOT12BO12S40
Luminaire Performance
 Light Output Ratio: 100%
 Luminaire Efficacy: 109.09lm/W
 Light Distribution: A40 +99.0% +1%
 CIE Flux Codes: 47 78 95 99 100
 UGR 4H 8H
 (20%, 50%, 70%) C0 / C90: 22.6 / 22.7

Luminous Intensity

150° 180° 150°
 120° 120°
 90° 90°
 60° 60°
 30° 0° 30°
 ■ C0 / C180 cd / 100lm c90 / c270

LCOT15BO15S40
Luminaire Performance
 Light Output Ratio: 100%
 Luminaire Efficacy: 107.14lm/W
 Light Distribution: A40 +99.0% +1.0%
 CIE Flux Codes: 47 78 95 99 100
 UGR 4H 8H
 (20%, 50%, 70%) C0 / C90: 22.6 / 22.7

Luminous Intensity

150° 180° 150°
 120° 120°
 90° 90°
 60° 60°
 30° 0° 30°
 ■ C0 / C180 cd / 100lm c90 / c270

LCOT18BO18S40
Luminaire Performance
 Light Output Ratio: 100%
 Luminaire Efficacy: 105.88lm/W
 Light Distribution: A40 +99.0% +1.0%
 CIE Flux Codes: 47 78 95 99 100
 UGR 4H 8H
 (20%, 50%, 70%) C0 / C90: 22.6 / 22.7

Luminous Intensity

150° 180° 150°
 120° 120°
 90° 90°
 60° 60°
 30° 0° 30°
 ■ C0 / C180 cd / 100lm c90 / c270

CAT NO.	WEIGHT	CRI	SDCM	UGR	IK RATING	FREQUENCY (Hz)	TEMP RANGE (°C)	AMBIENT TEMP RATED LIFE (°C)	L/B RATED LIFE
LCOT06BO06S40	2.19kg	>80	<3	<23	IK04	50-60	-20 - +30	25	L80/B10
LCOT06BO06D40	2.29kg	>80	<3	<23	IK04	50-60	-20 - +30	25	L80/B10
LCOT12BO12S40	3.61kg	>80	<3	<23	IK04	50-60	-20 - +30	25	L80/B10
LCOT12BO12E40	3.91kg	>80	<3	<23	IK04	50-60	0 - +30	25	L80/B10
LCOT12BO12D40	3.71kg	>80	<3	<23	IK04	50-60	-20 - +30	25	L80/B10
LCOT12BO24S40	3.61kg	>80	<3	<25	IK04	50-60	-20 - +30	25	L80/B10
LCOT12BO24E40	3.91kg	>80	<3	<25	IK04	50-60	0 - +30	25	L80/B10
LCOT12BO24D40	3.71kg	>80	<3	<25	IK04	50-60	-20 - +30	25	L80/B10
LCOT15BO15S40	4.49kg	>80	<3	<23	IK04	50-60	-20 - +30	25	L80/B10
LCOT15BO15E40	4.79kg	>80	<3	<23	IK04	50-60	0 - +30	25	L80/B10
LCOT15BO15D40	4.59kg	>80	<3	<23	IK04	50-60	-20 - +30	25	L80/B10
LCOT15BO30S40	4.49kg	>80	<3	<25	IK04	50-60	-20 - +30	25	L80/B10
LCOT15BO30E40	4.79kg	>80	<3	<25	IK04	50-60	0 - +30	25	L80/B10
LCOT15BO30D40	4.59kg	>80	<3	<25	IK04	50-60	-20 - +30	25	L80/B10
LCOT18BO18S40	5.34kg	>80	<3	<23	IK04	50-60	-20 - +30	25	L80/B10
LCOT18BO18E40	5.74kg	>80	<3	<23	IK04	50-60	0 - +30	25	L80/B10
LCOT18BO18D40	5.44kg	>80	<3	<23	IK04	50-60	-20 - +30	25	L80/B10
LCOT18BO36S40	5.34kg	>80	<3	<26	IK04	50-60	-20 - +30	25	L80/B10
LCOT18BO36E40	5.74kg	>80	<3	<26	IK04	50-60	0 - +30	25	L80/B10
LCOT18BO36D40	5.44kg	>80	<3	<26	IK04	50-60	-20 - +30	25	L80/B10

STANDARD	DESCRIPTION
EN 60598-1	Luminaires – General requirements
EN 60598-2-2	Luminaires – Recessed
EN 60598-2-22	Luminaires – Emergency
EN 61000-3-2	Electromagnetic compatibility (EMC) – Part 3-2: Limits - for harmonic current emissions
EN 61000-3-3	Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection
EN 61547	Equipment for general lighting purposes – EMC immunity requirements
EN 55015	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment

LUCECO

This luminaire contains built-in LED lamps.

A++
A+
A
C
D
E

LED

The lamps cannot be changed in the luminaire.

874/2012

