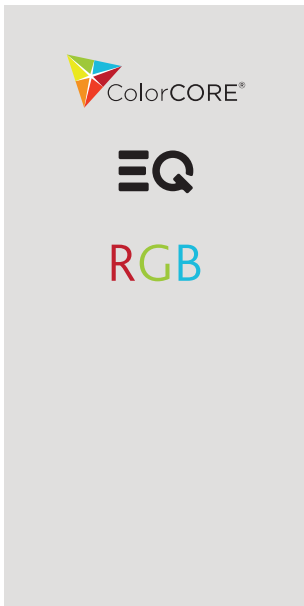




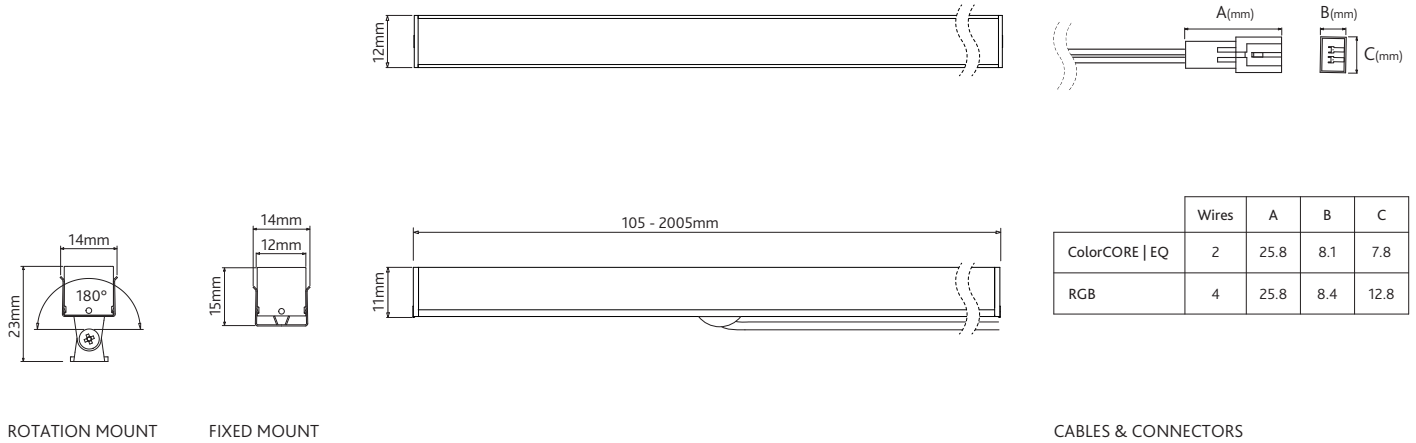
COMPACT LINEAR LIGHTING PROFILE

DRY LOCATION IP50	WET LOCATION IP67
5 YEAR WARRANTY*	L70B10 >60,000h
2200k TO 4000k	≤95 CRI
≤12W/m ≤1300lm/m	COVER OPX CLEAR

- Surface mounted
- 12x11mm linear lighting profile
- OPX™ diffuser
- Custom made lengths from 105mm to 2005mm
- Interior IP50 or exterior IP67 rated water resistant options
- Suited to joinery
- Fixed or rotation mount options
- PowerTHRU CLICK-CONNECT cabling for long runs up to 12m (2 x 6m in parallel)
- Dimmable 24VDC drivers in 0-10v, DALI or PHASE
- ColorCORE® Premium 95Ra, 2-Step 2200-4000K, up to 1300 lm/m excl LOR
- EQ™ 95Ra, 3-Step 2700/3000/4000K LEDs, ≤1170lm/m excl LOR
- RGB LEDs provide at 14.4 W/m, ≤680lm/m



DIMENSIONS



~214g per metre

SPECIFICATION CODES

IP RATING	FINISH	COVER	PROFILE LENGTH	SINGLE CCT	LED TYPE POWER	POWER FEED
C INTERIOR IP50 I EXTERIOR IP67	D SILVER ANODISED E WHITE RAL 9003 F BLACK RAL 9005	D OPX E CLEAR	XXXX LENGTH MM <i>Refer to page 3</i> <i>LED illuminated length made in increments of:</i> Single CCT 50mm RGB 50mm	R1 2200K* Y1 2500K* T1 2700K U1 3000K V1 3500K* W1 4000K	R COLORCORE 6WM S COLORCORE 12WM F EQ 6WM G EQ 12WM	CB POWERTHRU CONNECTORS BOTH ENDS DB SINGLE FEED CONNECTOR ONE END GA POWERTHRU 500MM CABLES BOTH ENDS HA SINGLE FEED 500MM CABLES ONE END
V 12 S	- C	D	D	1005	- W1G	GA
EXAMPLE: V12S	IP50	SILVER	OPX	1005MM	4000K COLORCORE 12WM	POWERTHRU

*CCT only available in ColorCORE®

STANDARD
LENGTHS

*Lengths are calculated
as multiples of the LED
tape increments shown
below.
An extra 5mm is then
added for end cap
thickness.*

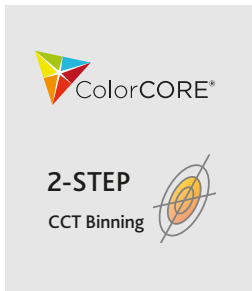
RGB 50mm
EQ 50mm
ColorCORE 50mm

CUSTOM
LENGTHS

*Bespoke, custom
sizes are available as
special order products.
Contact LUMINO for
further details.*

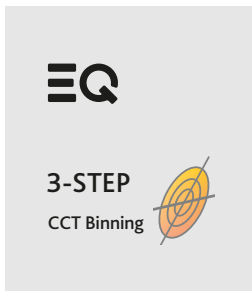
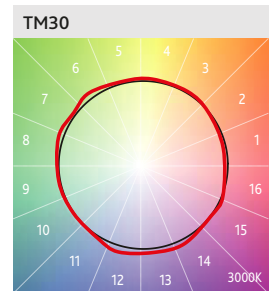
	Single CCT	RGB
0		
100	105mm	
	155mm	
200	205mm	
	255mm	
300	305mm	
	355mm	
400	405mm	
	455mm	
500	505mm	
	555mm	
600	605mm	
	655mm	
700	705mm	
	755mm	
800	805mm	
	855mm	
900	905mm	
	955mm	
1000	1005mm	
	1055mm	
1100	1105mm	
	1155mm	
1200	1205mm	
	1255mm	
1300	1305mm	
	1355mm	
1400	1405mm	
	1455mm	
1500	1505mm	
	1555mm	
1600	1605mm	
	1655mm	
1700	1705mm	
	1755mm	
1800	1805mm	
	1855mm	
1900	1905mm	
	1955mm	
2000	2005mm	

LED PACKAGES



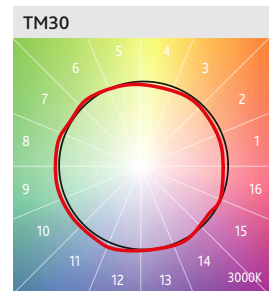
Colour Rendering					
CCT	Ra	R9	Rf	Rg	
4000K	95	81	92	100	
3500K	95	73	92	100	
3000K	95	70	92	100	
2700K	93	63	92	100	
2500K	84	31	82	100	
2200K	84	30	82	100	

Lumen Output lm/m					
LED tape W/m		Clear cover W/m		OPX diffuser W/m	
6	12	6	12	6	12
650	1300	490	975	405	805
650	1300	490	975	405	805
650	1250	490	940	405	775
600	1200	450	900	375	745
600	1200	450	900	375	745
600	1150	450	865	375	715



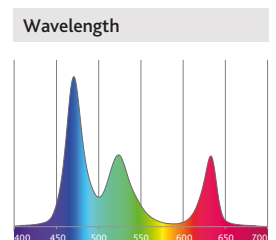
Colour Rendering					
CCT	Ra	R9	Rf	Rg	
4000K	95	76	92	98	
3000K	95	70	92	98	
2700K	95	70	89	97	

Lumen Output lm/m					
LED tape W/m		Clear cover W/m		OPX diffuser W/m	
6	12	6	12	6	12
580	1170	440	880	365	725
550	1100	415	825	340	680
530	1050	395	790	325	650



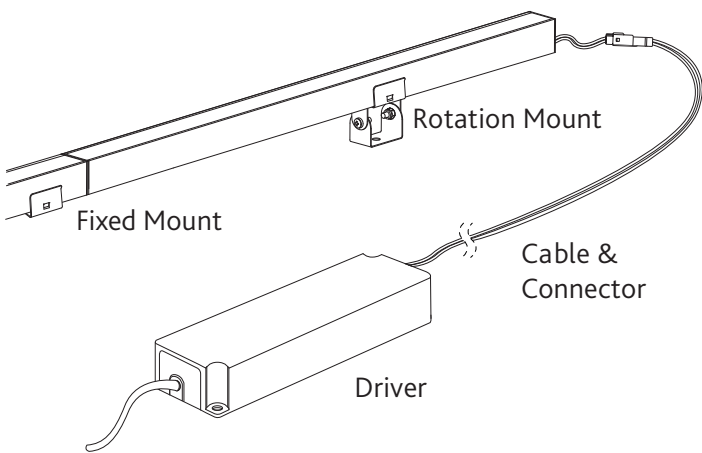
Colour Rendering					
CCT	Ra	R9	Rf	Rg	
RED	Dominant Wavelength 630NM				
GREEN	Dominant Wavelength 525NM				
BLUE	Dominant Wavelength 470NM				
RGB	68	-	58	83	

Lumen Output lm/m					
LED tape W/m		Clear cover W/m		OPX diffuser W/m	
14.4	14.4	14.4	14.4	14.4	14.4
125	125	93	93	77	77
442	442	332	332	274	274
113	113	85	85	70	70
TOTAL 680	TOTAL 680	TOTAL 510	TOTAL 510	TOTAL 420	TOTAL 420

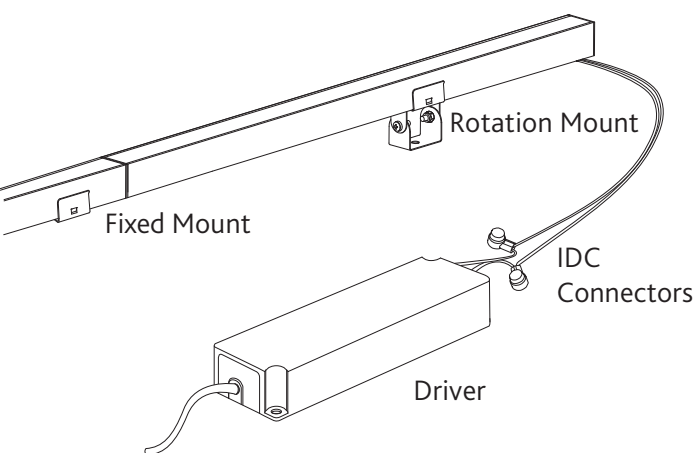


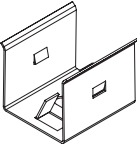
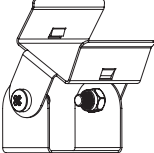
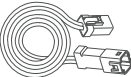
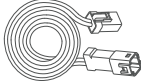
ACCESSORIES

V12S IP50



V12S IP67



FIXED MOUNT  V12S-M_501-R1 •Fixed clip •Silver/Black/White •Allow 3 per metre	ROTATION MOUNT  V12S-M_502-R1 •180° of rotation •Silver/Black/White •Allow 3 per metre	IDC CONNECTORS  VECA-CA90_-R1 •Sealant Connector •Pair 3A Max / 5A Max
SELF-CLOSING CABLE SLEEVING <i>Required for cables exposed to daylight</i>  VECA-SL001-R1 •1m Cable Sleeving	JWPF CLICK-CONNECTOR CABLE  VECA-CA0250-__MF-R1 •2P/3P Power Link •250mm cable length	 VECA-CA1000-__MF-R1 •2P/3P Power Link •1000mm cable length

SINGLE CHANNEL CONTROL GEAR

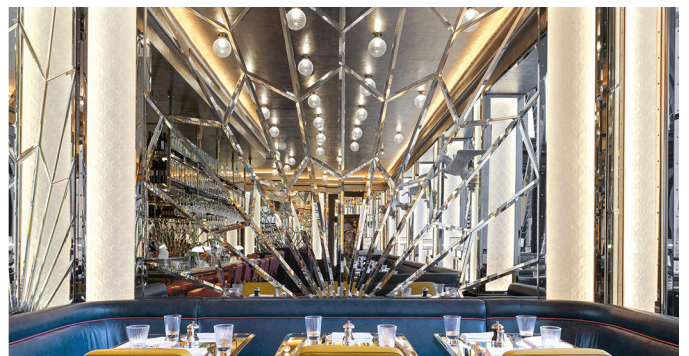
CONSTANT VOLTAGE	IP Rating	35W	60W	100W	120W	150W	240/250W
DALI	IP20	P24-035-DAL-R03	P24-060-DAL-R03	P24-100-DAL-R03		P24-150-DAL-R03	
ANALOGUE 0-10V	IP66			P24-100-D10-R03			P24-250-D10-R03
NON-DIM (SWITCHED)	IP20		P24-060-SWI-IP20		P24-120-SWI-IP20		
	IP67					P24-150-SWI-IP67	P24-240-SWI-IP67

MULTI-CHANNEL CONTROL GEAR

CONSTANT VOLTAGE	IP Rating	RGB		
DMX	IP20	LIN100A Driver 100W		
		LIN180D Interface* 144W		
DALI	IP20	LIN100A Driver 100W		

*Interface requires 24VDC supply from non-dim driver: P24-xxx-SWI-xx

APPLICATIONS

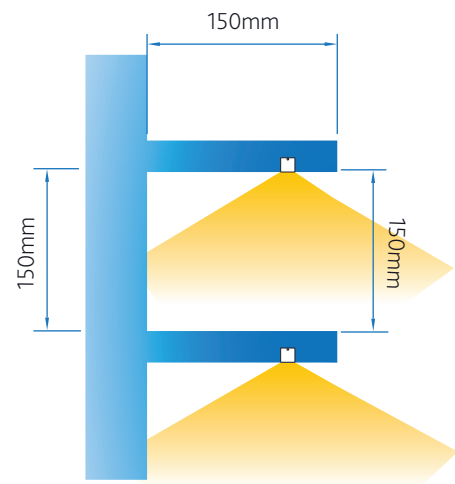
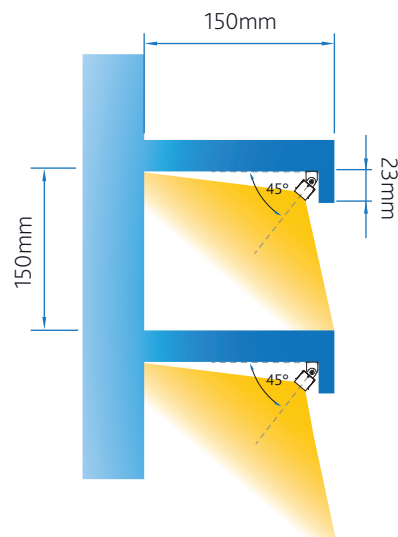


Left: 8 Chifley, Sydney | Lighting Design: ARUP; Top Right: Iluka, Perth | Lighting Design: Modular Lighting & Partners; Bottom Right: Brasserie Of Light, London | Lighting Design: Martin Brudnizki Design Studio | Image: James Macdonald

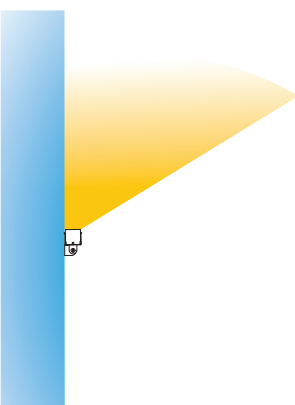
APPLICATION
NOTES

Suggested offsets and angles for guidance only. Contact LUMINO to request a product sample or receive project-specific guidance.

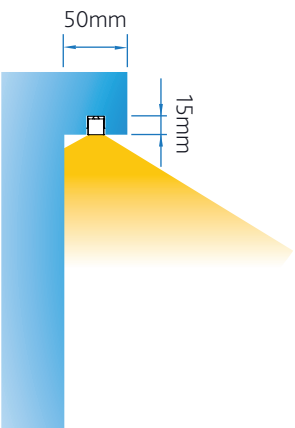
UNDER SHELF



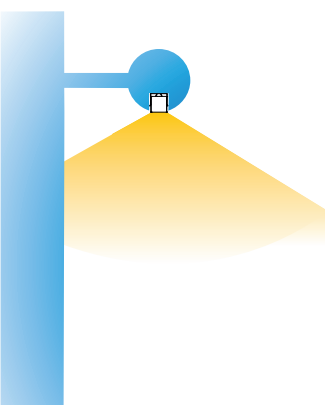
UPLIGHTER



BAR-TOP



HAND-RAIL



TOLERANCES

Total Luminous Flux $\pm 10\%$

Correlated Colour Temperature $\pm 100\text{K}$

Colour Rendering Index ± 2

Power $\pm 5\%$

Contact LUMINO for details of RAL colour and anodising tolerances.

OPERATING ENVIRONMENT

Running Temperature (T_c): Ave. Maximum 70°C

Ambient Temperature Range (T_a): -5 to $+40^\circ\text{C}$

Ingress Protection rating IP50 / IP67

STANDARDS

EN/IEC 60598-2-1:1979, AMD1:1987 Luminaires used in conjunction with EN/IEC 60598-1:2014, AMD1: 2017

BS EN 62031:2008, AMD1:2012, AMD2:2014, AMD2:2015 LED Modules for general lighting

BS EN 60598-1: 2015 (Clause 9), BS EN 60529: 1992 + A2: 2013 Degree of protection provided by enclosures

MET Certified US/CA E114422

UL 2108, Low Voltage Lighting Systems, First Edition

UL 8750, Light Emitting Diode (LED) Equipment for Use in Lighting Products, Second Edition

CSA C22.2 No. 250.0-08, Canadian National Standard for Luminaires, First Edition

**WARRANTY: Five Year Warranty subject to project registration and warranty terms and conditions.*

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