

COMPACT LINEAR LIGHTING PROFILE

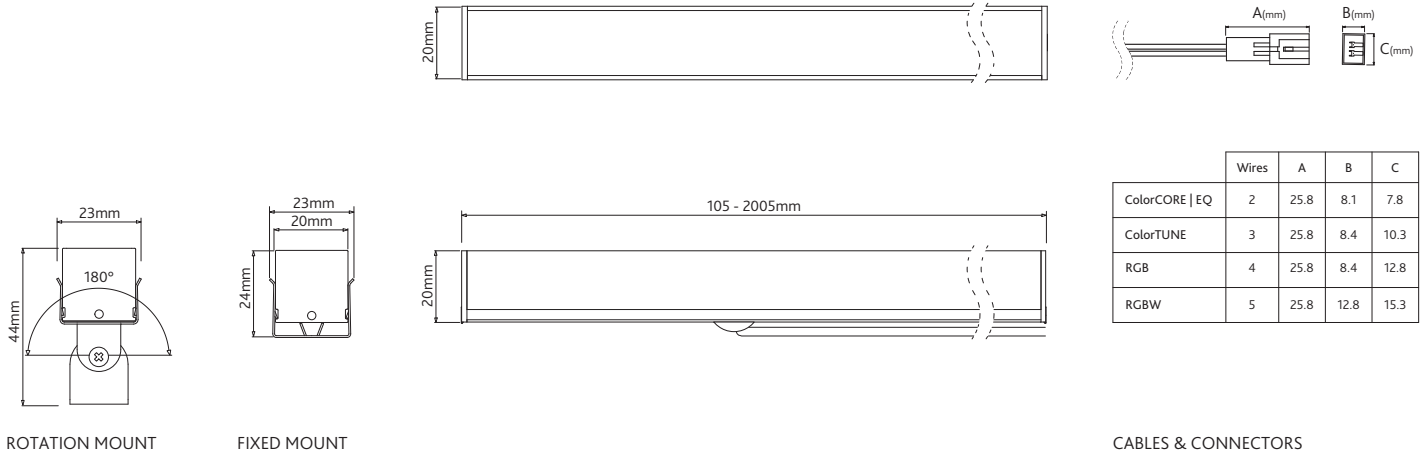
DRY LOCATION IP50	WET LOCATION IP67
5 YEAR WARRANTY	L70B10 >60,000h
2200k TO 4000k	≤95 CRI
≤24W/m ≤2400lm/m	COVER OPX CLEAR

- Surface mounted
- 20x20mm linear lighting profile
- OPX™ diffuser gives homogeneous diffusion with no LED imaging
- Custom made lengths from 105mm to 2005mm
- Interior IP50 or exterior IP67 rated water resistant options
- Suited to surface mounted including under-shelf, coving or wall applications
- 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 2400 lm/m excl LOR
- EQ™ 90Ra, 3-Step 2700/3000/4000K, up to 2050lm/m excl LOR
- ColorTUNE 96Ra, 1800-4000K, up to 2100lm/m excl LOR [Available Q1 2021]
- RGB & RGBW LEDs for colour-mixing + white [Available Q1 2021]
- WarmDIM Dim to Warm [Available Q1 2021]



DIMENSIONS

Download DWG and Revit files [↓](#)



~342g 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		O OPX E CLEAR		XXXX LENGTH MM Refer to page 3 LED illuminated length made in increments of: Single CCT 50mm ColorTUNE 71.4mm WarmDIM 62.5mm RGBW 100mm RGB 100mm		R1 2200K* Y1 2500K* T1 2700K U1 3000K V1 3500K* W1 4000K		R COLORCORE 6WM S COLORCORE 12WM U COLORCORE 24WM F EQ 6WM G EQ 12WM I EQ 24WM		CB POWERTHRU 50MM CONNECTORS BOTH ENDS DB SINGLE FEED 50MM CONNECTOR ONE END GA POWERTHRU 500MM CABLES BOTH ENDS HA SINGLE FEED 500MM CABLES ONE END	
TUNABLE WARMDIM †								UPG ColorTUNE 3000K ~ 1800K 24WM WRG ColorTUNE 4000K ~ 2200K 24WM UPZ WarmDIM 3000K ~ 1800K 9.6WM					
RGBW † RGB								OUG RGBW - RGB 9.6WM + 3000K 12WM OUI RGBW - RGB 9.6WM + 3000K 24WM OTA RGB 14.4WM					
V20S		-	C	D	D	1005	W1U	CB					
EXAMPLE: V20S		IP50	SILVER	OPX	1005MM	4000K COLORCORE 24WM	50MM POWERTHRU						

*CCT only available in ColorCORE®
†Available Q1 2021

STANDARD LENGTHS

Standard lengths, according to LED package type are shown here. Increments are: Single CCT 50mm ColorTUNE 71.4mm WarmDIM 62.5mm RGBW 100mm RGB 100mm, 5mm is included for end caps.


CUSTOM LENGTHS

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

	Single CCT	RGB/RGBW	ColorTUNE	WarmDIM
0				
100	105mm	105mm		130mm
200	155mm		148mm	
300	205mm	205mm	219mm	193mm
400	255mm			255mm
500	305mm	305mm	291mm	318mm
600	355mm		362mm	
700	405mm	405mm	433mm	380mm
800	455mm			443mm
900	505mm	505mm	505mm	505mm
1000	555mm		576mm	568mm
1100	605mm	605mm	648mm	630mm
1200	655mm		719mm	693mm
1300	705mm	705mm	790mm	755mm
1400	755mm		862mm	818mm
1500	805mm	805mm	933mm	880mm
1600	855mm		1005mm	943mm
1700	905mm	905mm	1076mm	1068mm
1800	955mm		1147mm	1130mm
1900	1005mm	1005mm	1219mm	1193mm
2000	1055mm		1290mm	1255mm
2100	1105mm	1105mm	1362mm	1318mm
2200	1155mm		1433mm	1380mm
2300	1205mm	1205mm	1504mm	1443mm
2400	1255mm		1576mm	1505mm
2500	1305mm	1305mm	1647mm	1568mm
2600	1355mm		1719mm	1630mm
2700	1405mm	1405mm	1790mm	1693mm
2800	1455mm		1861mm	1755mm
2900	1505mm	1505mm	1933mm	1818mm
3000	1555mm		2004mm	1880mm
3100	1605mm	1605mm		1943mm
3200	1655mm			
3300	1705mm	1705mm		
3400	1755mm			
3500	1805mm	1805mm		
3600	1855mm			
3700	1905mm	1905mm		
3800	1955mm			
3900	2005mm	2005mm		

LED PACKAGES


Download IES and LDT files [↓](#)



ColorCORE®

2-STEP

CCT Binning



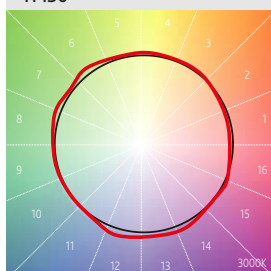
Colour Rendering


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

LED tape W/m			Clear cover W/m			OPX diffuser W/m		
6	12	24	6	12	24	6	12	24
650	1300	2400	450	910	1680	330	650	1200
650	1300	2350	450	910	1650	330	650	1180
650	1250	2300	450	880	1610	330	630	1150
600	1200	2200	420	840	1540	300	600	1100
600	1200	2200	420	840	1540	300	600	1100
600	1150	2050	420	810	1440	300	580	1030

TM30






EQ

3-STEP

CCT Binning



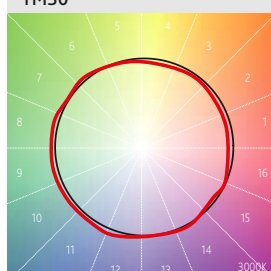
Colour Rendering

CCT	Ra	R9	Rf	Rg
4000K	90	70	89	97
3000K	90	60	89	97
2700K	90	60	89	97

Lumen Output

LED tape W/m			Clear cover W/m			OPX diffuser W/m		
6	12	24	6	12	24	6	12	24
550	1050	2050	390	740	1440	280	530	1030
500	1000	1900	350	700	1330	250	500	950
450	950	1850	320	670	1300	230	480	930

TM30



RGB


Colour Rendering

CCT	Ra	R9	Rf	Rg
RED	Dominant Wavelength 623NM			
GREEN	Dominant Wavelength 532NM			
BLUE	Dominant Wavelength 473NM			

Lumen Output

LED tape W/m	Clear cover W/m	OPX diffuser W/m
14.4	14.4	14.4
110	80	60
390	290	200
100	70	50
TOTAL	TOTAL	TOTAL
600	420	300

TM30



RGBW


Colour Rendering


CCT	Ra	R9	Rf	Rg
RED	Dominant Wavelength 623NM			
GREEN	Dominant Wavelength 532NM			
BLUE	Dominant Wavelength 473NM			
RGB	-	-	-	-
EQ 3000K	90	60	89	97
RGB + 3000K	89	63	-	-

Lumen Output

LED tape W/m	GRAZE / WASH W/m	FLOOD W/m
9.6 + 24	9.6 + 24	9.6 + 24
90	70	60
190	140	120
50	40	30
TOTAL 330	TOTAL 250	TOTAL 210
1850	1390	1200
TOTAL 2050	TOTAL 1540	TOTAL 1330

TM30






ColorTUNE

3-STEP

CCT Binning




Colour Rendering

CCT	Ra	R9	Rf	Rg
3000K	93	65	90	100
1800K	95	71	75	74
3000K+1800K	96	78	92	104
4000K	93	70	89	99
2200K	93	60	91	101
4000K+2200K	96	77	92	102

Lumen Output

LED tape W/m	GRAZE / WASH W/m	FLOOD W/m
12+12	12+12	12+12
1100	810	510
700	520	320
TOTAL 1800	TOTAL 1330	TOTAL 830
1200	890	550
900	670	410
TOTAL 2100	TOTAL 1560	TOTAL 960

TM30

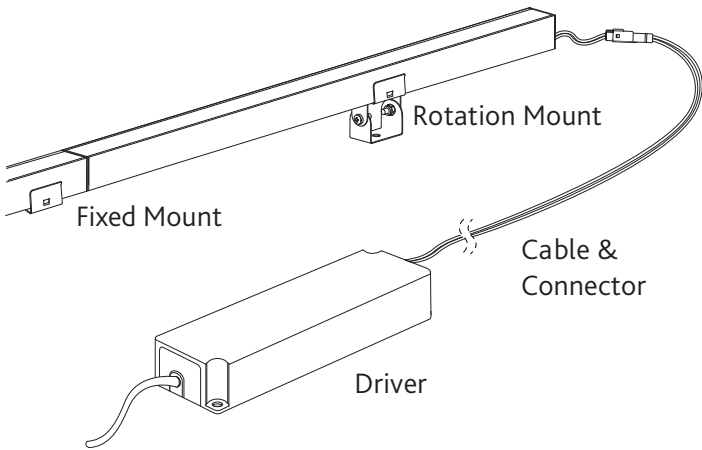


Notes: All performance data such as beam angle, CCT, lumen output, CRI, TM30 and W/m can vary according to factors such as, but not limited to, temperature, manufacturing tolerances and batch.

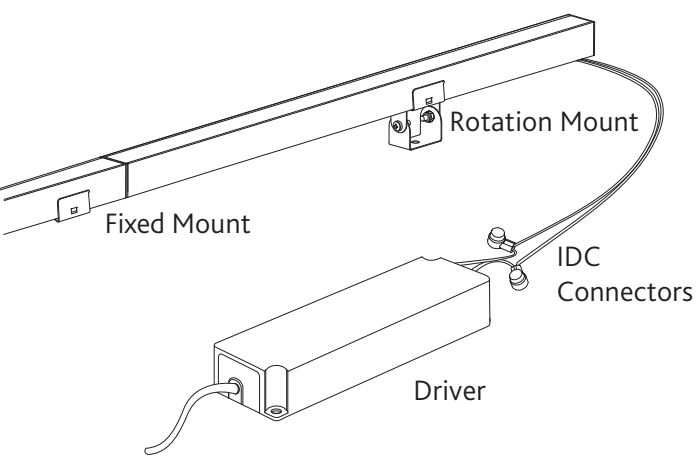
ACCESSORIES

Download Installation Manuals [↓](#)

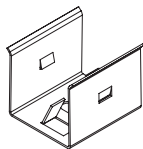
V20S IP50



V20S IP67



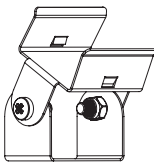
FIXED MOUNT



V20S-MA__-R1

- Fixed clip (Silver/Black/White)
- Pack of 20/100/500pcs
- Allow 3 per metre

ROTATION MOUNT



V20S-MA__-R1

- 180° of rotation (Silver/Black/White)
- Pack of 20/100/500pcs
- Allow 3 per metre

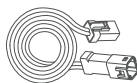
IDC CONNECTORS



VECA-CA90_-R1

- Sealant Connector
- Pair 3A Max / 5A Max

CABLE & CONNECTOR



VECA-CA100-R1

- Click-connect cable 1 metre length



VECA-CA101-R2


- RGB click-connect cable 1 metre length

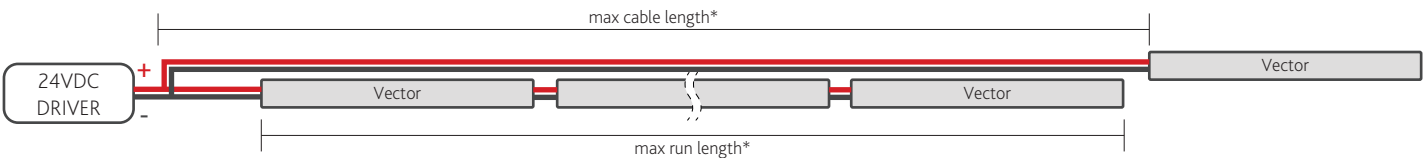
DRIVERS

[Download Driver data sheets](#) 

CONSTANT VOLTAGE	IP Rating	35W	60W	100W	120W	150W	200W
DALI	IP20	P24-035-DAL-R03	P24-060-DAL-R03	P24-100-DAL-R03		P24-150-DAL-R03	
	IP66			P24-100-DAL-R02			P24-200-DAL-R02
ANALOGUE 0-10V	IP66/67			P24-100-D10-R02			P24-200-D10-R02
ANALOGUE TRIAC (PHASE)	IP66			P24-100-PH-R02			
NON-DIM (SWITCHED)	IP20		P24-060-SWI-IP20		P24-120-SWI-IP20		
	IP66					P24-150-SWI-IP67	

WIRING

[Download Wiring Guides and Installation Manuals](#) 



**Dimensions can be found at Wiring Guides*

APPLICATIONS



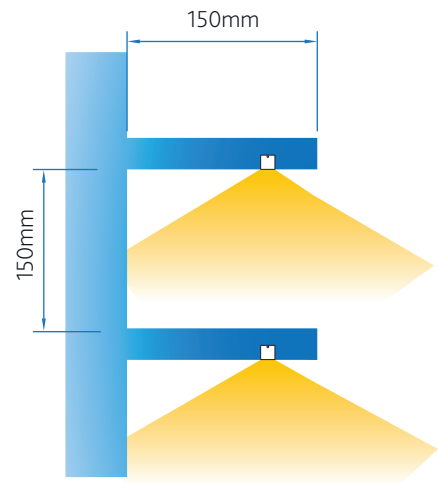
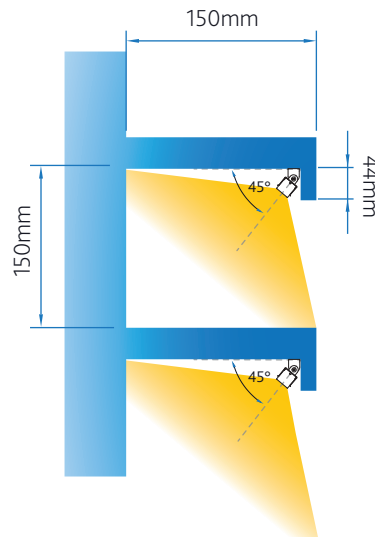
Left: HIDE, London | Lighting Design: Speirs + Major | Image: James Newton; Top Right: Boulevard Hotel, Baku | Lighting Design: Maurice Brill Lighting Design; Bottom Right: Private Residence, London | Lighting Design: Foundry

APPLICATION NOTES

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

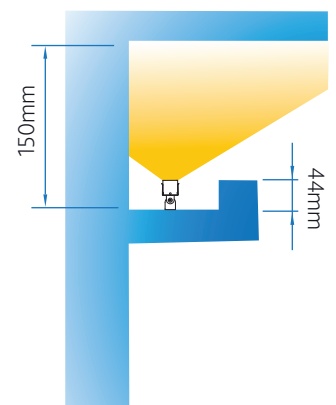
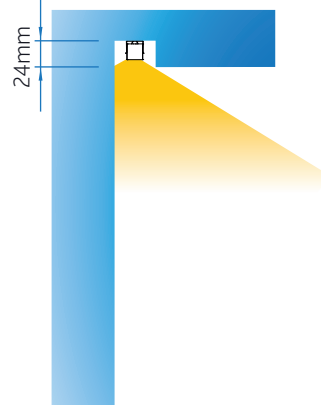
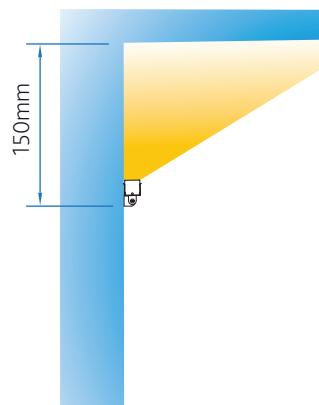
UNDER SHELF

[Download Installation Manuals](#) ↓



UPLIGHTER

COVING



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 80°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, MD1: 2017
BS EN 62031:2008, AMD1:2012, AMD2:2015 LED Modules for general lighting
BS EN 62031:2008, AMD1:2012, AMD2:2014 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

The CE mark affixed to this product confirms its compliance with the European Directives which apply to the product and, in particular, its compliance with the harmonised specifications of standard EN 60598.

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