

FLEXIBLE, LINEAR LIGHT-SOURCE

<p>DRY LOCATION IP20</p>	<p><1% LOW LEVEL DIMMING</p>
<p>L70B10 >60,000h</p>	<p>1800k TO 4000k</p>
<p>≤95 CRI</p>	<p>≤30W/m ≤3800lm/m</p>

- Made from INFINITE™ flexible 70µm copper
- Dimmable 24VDC drivers in 0-10v, DALI or PHASE
- Suitable for building into luminaires or other enclosures
- High power models require thermal management - see Installation Manual
- ColorCORE® Premium 95Ra, 2-Step 2200-4000K, ≤3800lm/m delivered
- EQ™ 95Ra, 3-Step 2700/3000/4000K, ≤2050lm/m delivered
- ColorTUNE 95Ra, 1800-4000K, ≤2210lm/m delivered
- WarmDIM 3000K-1800K, ≤890lm/m delivered
- RGB & RGBW LEDs for colour-mixing + white



SPECIFICATION CODES

PROFILE LENGTH	LED TYPE	POWER FEED
XXXX LENGTH MM	T1F-B0 2700K EQ 6W/m T1G-B0 2700K EQ 12W/m T1I-B0 2700K EQ 24W/m U1F-B0 3000K EQ 6W/m U1G-B0 3000K EQ 12W/m U1I-B0 3000K EQ 24W/m W1F-B0 4000K EQ 6W/m W1G-B0 4000K EQ 12W/m W1I-B0 4000K EQ 24W/m	00 NONE HA SINGLE FEED 500MM CABLES ONE END
Refer to page 3		
LED illuminated length made in increments of:	R1R-A0 2200K ColorCORE 6W/m R1S-A0 2200K ColorCORE 12W/m R1U-A0 2200K ColorCORE 24W/m R1V-A0 2200K ColorCORE 30W/m Y1R-A0 2500K ColorCORE 6W/m Y1S-A0 2500K ColorCORE 12W/m Y1U-A0 2500K ColorCORE 24W/m Y1V-A0 2500K ColorCORE 30W/m T1R-A0 2700K ColorCORE 6W/m T1S-A0 2700K ColorCORE 12W/m T1U-A0 2700K ColorCORE 24W/m T1V-A0 2700K ColorCORE 30W/m U1R-A0 3000K ColorCORE 6W/m U1S-A0 3000K ColorCORE 12W/m U1U-A0 3000K ColorCORE 24W/m U1V-A0 3000K ColorCORE 30W/m V1R-A0 3500K ColorCORE 6W/m V1S-A0 3500K ColorCORE 12W/m V1U-A0 3500K ColorCORE 24W/m V1V-A0 3500K ColorCORE 30W/m W1R-A0 4000K ColorCORE 6W/m W1S-A0 4000K ColorCORE 12W/m W1U-A0 4000K ColorCORE 24W/m W1V-A0 4000K ColorCORE 30W/m	
Single CCT 50mm RGB 50mm WarmDIM 62.5mm ColorTUNE 71.4mm RGBW 100mm	WRG-C0 4000K-2200K ColorTUNE 12+12W/m UPG-C0 3000K-1800K ColorTUNE 12+12W/m	
	UPZ-D0 3000K-1800K WarmDIM 9.6W/m	
	OUG-E0 3000K RGBW 9.6+12W/m OUI-E0 3000K RGBW 9.6+24W/m	
	O1A-F0 RGB 14.4W/m	

VFXS - C 1950 - U1S-A0 00

Example:

1950mm

3000K ColorCORE 12W/m

No power feed

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STANDARD LENGTHS

VectorFLEX lengths are calculated as multiples of the LED tape increments shown below.

ColorCORE 50mm
EQ 50mm
RGB 50mm
WarmDIM 62.5mm
ColorTUNE 71.4mm
RGBW 100mm

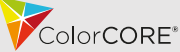

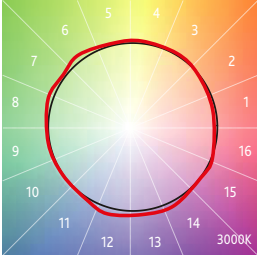


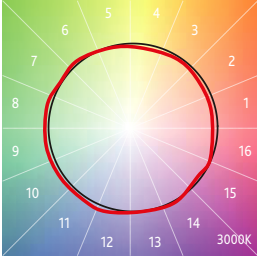
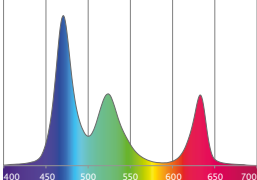
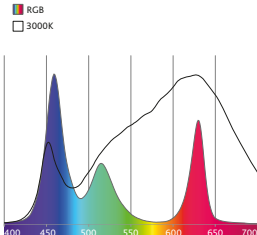


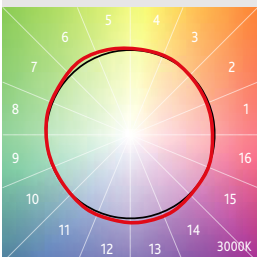


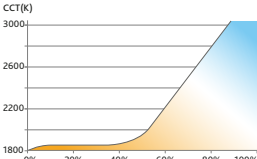
FACTORY PREPARATION

VectorFLEX can be ordered in any of the lengths shown and power feed cables can be factory-fitted if required.

	ColorCORE & EQ	RGB	WarmDIM	ColorTUNE	RGBW
0.1m	50mm 100mm	50mm 100mm	63mm 125mm	71mm 143mm	100mm
0.2m	150mm 200mm	150mm 200mm	188mm 250mm	214mm 286mm	200mm
0.3m	250mm 300mm	250mm 300mm	250mm 313mm	357mm 428mm	300mm
0.4m	350mm 400mm	350mm 400mm	375mm 438mm	500mm 571mm	400mm
0.5m	450mm 500mm	450mm 500mm	500mm 563mm	643mm 714mm	500mm
0.6m	550mm 600mm	550mm 600mm	625mm 688mm	785mm 857mm	600mm
0.7m	650mm 700mm	650mm 700mm	750mm 813mm	928mm 1000mm	700mm
0.8m	750mm 800mm	750mm 800mm	875mm 938mm	1000mm	800mm
0.9m	850mm 900mm	850mm 900mm	1000mm	1000mm	900mm
1.0m	950mm 1000mm	950mm 1000mm	1000mm	1000mm	1000mm
2.0m	50mm increments up to 8m	50mm increments up to 5m	62.5mm increments up to 5m	71.4mm increments up to 4m	100mm increments up to 4m
3.0m					
4.0m					
5.0m					
6.0m					
7.0m					
8.0m					
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LED PACKAGES

 <p>2-STEP CCT Binning</p> 	<p>Colour Rendering</p> <table border="1"> <thead> <tr> <th>CCT</th> <th>Ra</th> <th>R9</th> <th>Rf</th> <th>Rg</th> </tr> </thead> <tbody> <tr> <td>4000K</td> <td>95</td> <td>81</td> <td>92</td> <td>100</td> </tr> <tr> <td>3500K</td> <td>95</td> <td>73</td> <td>92</td> <td>100</td> </tr> <tr> <td>3000K</td> <td>95</td> <td>70</td> <td>92</td> <td>100</td> </tr> <tr> <td>2700K</td> <td>93</td> <td>63</td> <td>92</td> <td>100</td> </tr> <tr> <td>2500K</td> <td>84</td> <td>31</td> <td>82</td> <td>100</td> </tr> <tr> <td>2200K</td> <td>84</td> <td>30</td> <td>82</td> <td>100</td> </tr> </tbody> </table>	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	<p>Lumen Output lm/m</p> <table border="1"> <thead> <tr> <th colspan="4">LED tape W/m</th> </tr> <tr> <th>6</th> <th>12</th> <th>24</th> <th>30</th> </tr> </thead> <tbody> <tr> <td>890</td> <td>1720</td> <td>3035</td> <td>3800</td> </tr> <tr> <td>890</td> <td>1720</td> <td>3035</td> <td>3800</td> </tr> <tr> <td>885</td> <td>1680</td> <td>2975</td> <td>3700</td> </tr> <tr> <td>830</td> <td>1590</td> <td>2840</td> <td>3505</td> </tr> <tr> <td>645</td> <td>1290</td> <td>2380</td> <td>2965</td> </tr> <tr> <td>560</td> <td>1150</td> <td>2135</td> <td>2630</td> </tr> </tbody> </table>	LED tape W/m				6	12	24	30	890	1720	3035	3800	890	1720	3035	3800	885	1680	2975	3700	830	1590	2840	3505	645	1290	2380	2965	560	1150	2135	2630	<p>TM30</p> 
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Performance data can vary according to factors such as, but not limited to, temperature, manufacturing tolerances and batch.

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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	
WIRELESS	IP20	P24-035-WRS-R01	P24-060-WRS-R01	P24-100-WRS-R01		P24-150-WRS-R01	
		CBU-ASD Casambi Interface*					
ANALOGUE 0-10V	IP66			P24-100-D10-R03			P24-250-D10-R03
NON-DIM (SWITCHED) <i>not for WarmDIM</i>	IP20		P24-060-SWI-IP20		P24-120-SWI-IP20		
	IP67					P24-150-SWI-IP67	P24-240-SWI-IP67

*Interface requires 24VDC supply from DALI dim driver: P24-xxx-DAL-xx

*Interface requires 24VDC supply from 0/1-10V dim driver: P24-xxx-D10-xx

MULTI-CHANNEL CONTROL GEAR

CONSTANT VOLTAGE	IP Rating	RGB	RGBW	ColorTUNE
DMX	IP20	LIN100A Driver 100W	LIN100A Driver 100W	LIN180D Interface* 144W
		LIN180D Interface* 144W	LIN180D Interface* 144W	
DALI	IP20	LIN100A Driver 100W	LIN100A Driver 100W	LN200D-D2ZC2 Interface* 192W
WIRELESS	IP20	CBU-PWM4 Casambi Interface** 144W		
ANALOGUE 0-10V	IP20			LM-100-24-G2A2 Interface* 100W

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

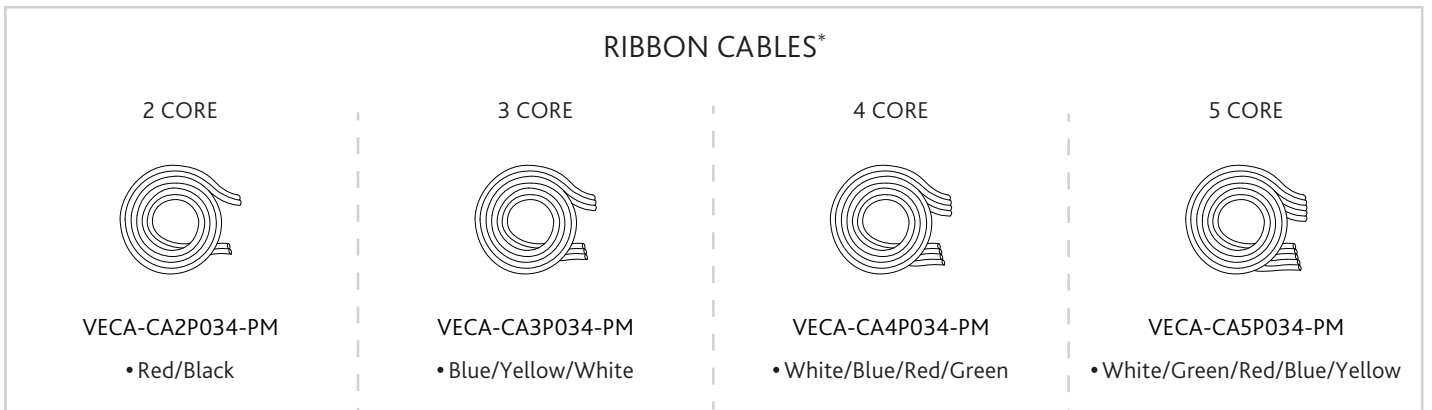
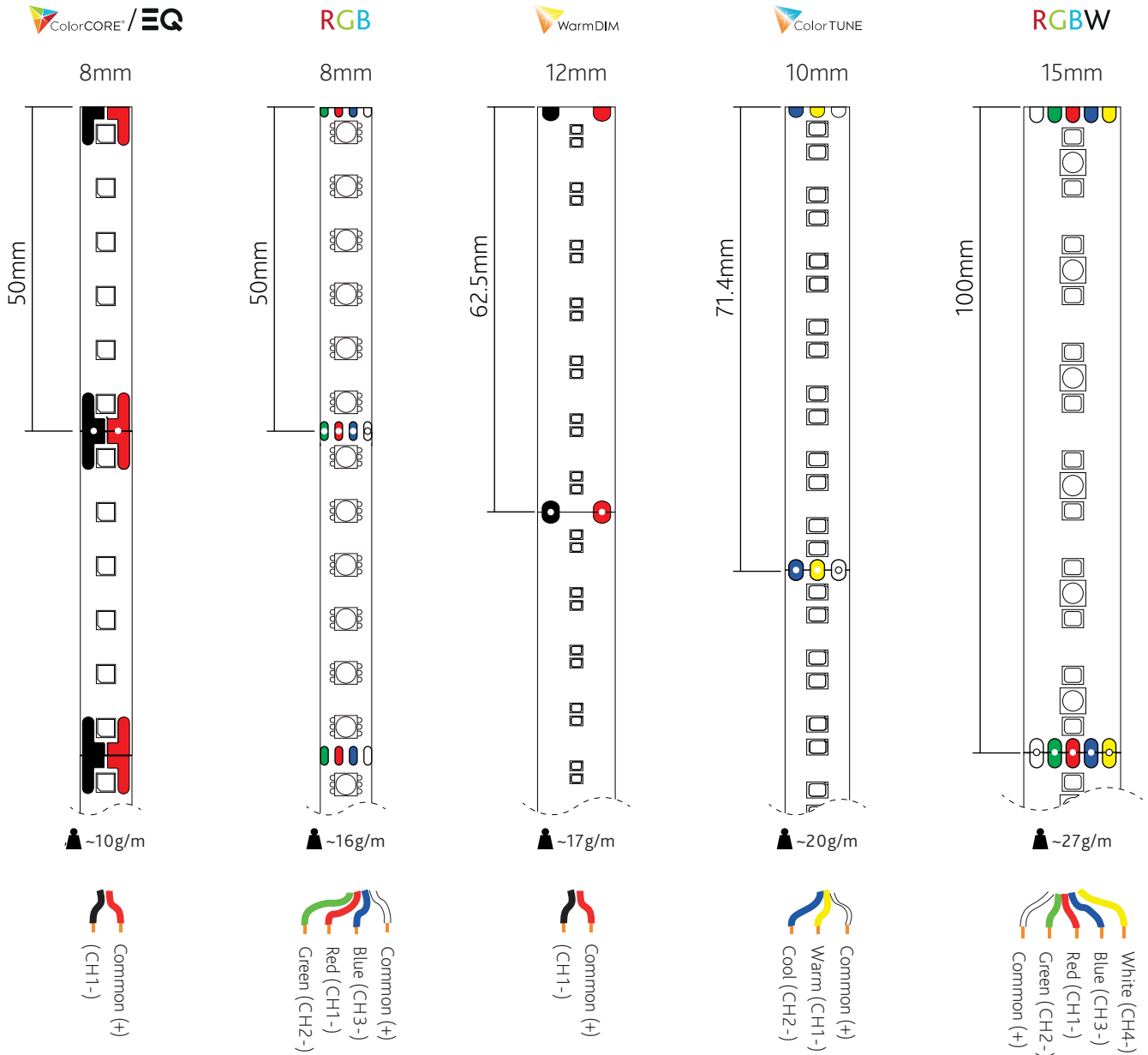
APPLICATIONS



Left: Royal Exchange, London | Lighting Design: Speirs + Major | Image: James Newton; Middle: HIDE, London | Lighting Design: Speirs + Major | Image: James Newton; Right: Macallan Distillery, Speyside | Lighting Design: Speirs + Major | Image: James Newton

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CUT INCREMENTS AND CONNECTIONS



*22 AWG ribbon cables supplied by the metre, please specify when ordering.

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TOLERANCES

Total Luminous Flux $\pm 10\%$
Correlated Colour Temperature $\pm 100\text{K}$
Colour Rendering Index ± 2
Power $\pm 5\%$

OPERATING ENVIRONMENT

Maximum Case Temperature (T_c): 70°C
Rated Ambient Temperature (T_a): 5 to 25°C
Ingress Protection rating IP20

STANDARDS

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 62031:2020 LED Modules for general lighting

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