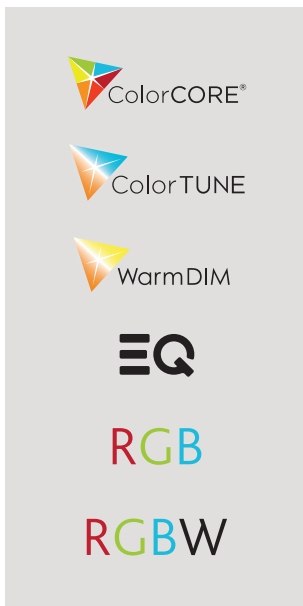




FLEXIBLE, LINEAR LIGHT-SOURCE

DRY LOCATION IP20	<1% LOW LEVEL DIMMING
L70B10 >60,000h	1800k TO 4000k
≤95 CRI	≤30W/m ≤2900lm/m

- 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 LEDs, ≤2900 lm/m
- EQ™ 95Ra, 3-Step 2700/3000/4000K LEDs, ≤2050lm/m
- ColorTUNE 95Ra, 1800-4000K, ≤2210lm/m
- RGB & RGBW LEDs for colour-mixing + white
- WarmDIM 3000K - 1800K



SPECIFICATION CODES

PROFILE LENGTH		LED TYPE		POWER FEED
XXXX	LENGTH MM	T1F-B0	2700K EQ 6W/m	00 NONE
Refer to page 3		T1G-B0	2700K EQ 12W/m	HA SINGLE FEED 500MM CABLES ONE END
		T1I-B0	2700K EQ 24W/m	
LED illuminated length made in increments of:		U1F-B0	3000K EQ 6W/m	
		U1G-B0	3000K EQ 12W/m	
Single CCT 50mm		U1I-B0	3000K EQ 24W/m	
		W1F-B0	4000K EQ 6W/m	
RGB 50mm		W1G-B0	4000K EQ 12W/m	
		W1I-B0	4000K EQ 24W/m	
WarmDIM 62.5mm		R1R-A0	2200K ColorCORE 6W/m	
		R1S-A0	2200K ColorCORE 12W/m	
ColorTUNE 71.4mm		R1U-A0	2200K ColorCORE 24W/m	
		R1V-A0	2200K ColorCORE 30W/m	
RGBW 100mm		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	
		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
	50mm	50mm	63mm	71mm	
0.1m	100mm	100mm	125mm	143mm	100mm
	150mm	150mm			
0.2m	200mm	200mm	188mm	214mm	200mm
	250mm	250mm	250mm		
0.3m	300mm	300mm	313mm	286mm	300mm
	350mm	350mm		357mm	
0.4m	400mm	400mm	375mm	428mm	400mm
	450mm	450mm			
0.5m	500mm	500mm	500mm	500mm	500mm
	550mm	550mm	563mm	571mm	
0.6m	600mm	600mm	625mm	643mm	600mm
	650mm	650mm			
0.7m	700mm	700mm	688mm	714mm	700mm
	750mm	750mm	750mm		
0.8m	800mm	800mm	813mm	785mm	800mm
	850mm	850mm		857mm	
0.9m	900mm	900mm	875mm	928mm	900mm
	950mm	950mm	938mm		
1.0m	1000mm	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					
	8000mm			4000mm	4000mm
		5000mm	5000mm		

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LED PACKAGES

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 | lm/m

LED tape W/m			
6	12	24	30
650	1300	2400	2900
650	1300	2350	2850
650	1250	2300	2800
600	1200	2200	2700
600	1200	2200	2700
600	1150	2050	2550

TM30

EQ

3-STEP

CCT Binning

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		
6	12	24
580	1170	2050
550	1100	1925
530	1050	1840

TM30

RGB

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	
14.4	
125	
442	
113	
TOTAL 680	

Wavelength

RGBW

Colour Rendering

CCT	Ra	R9	Rf	Rg
RED	Dominant Wavelength 630NM			
GREEN	Dominant Wavelength 525NM			
BLUE	Dominant Wavelength 470NM			
RGB				
EQ 3000K	93	66	92	101
RGB + 3000K				

Lumen Output | lm/m

LED tape W/m	
12 + 9.6	24 + 9.6
100	100
275	275
60	60
435	435
1100	1925
1535	2360

Wavelength

ColorTUNE

3-STEP

CCT Binning

Colour Rendering

CCT	Ra	R9	Rf	Rg
3000K	95	70	92	101
1800K	95	70	82	80
3000K+1800K	95	80	93	103
4000K	95	70	91	100
2200K	93	60	92	103
4000K+2200K	95	80	93	102

Lumen Output | lm/m

LED tape W/m	
12+12	
1180	
770	
TOTAL 1910	
1230	
980	
TOTAL 2210	

TM30

WarmDIM

3-STEP

CCT Binning

Colour Rendering

CCT	Ra	R9	Rf	Rg
10%	88	85	77	115
50%	95	88	88	109
3000K	95	74	93	102

Lumen Output | lm/m

LED tape W/m	
9.6	
60	
320	
890	

Dimming curve

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	
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

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-D2Z2C2 Interface* 192W
ANALOGUE 0-10V	IP20			LM-100-24-G2A2 Interface* 100W

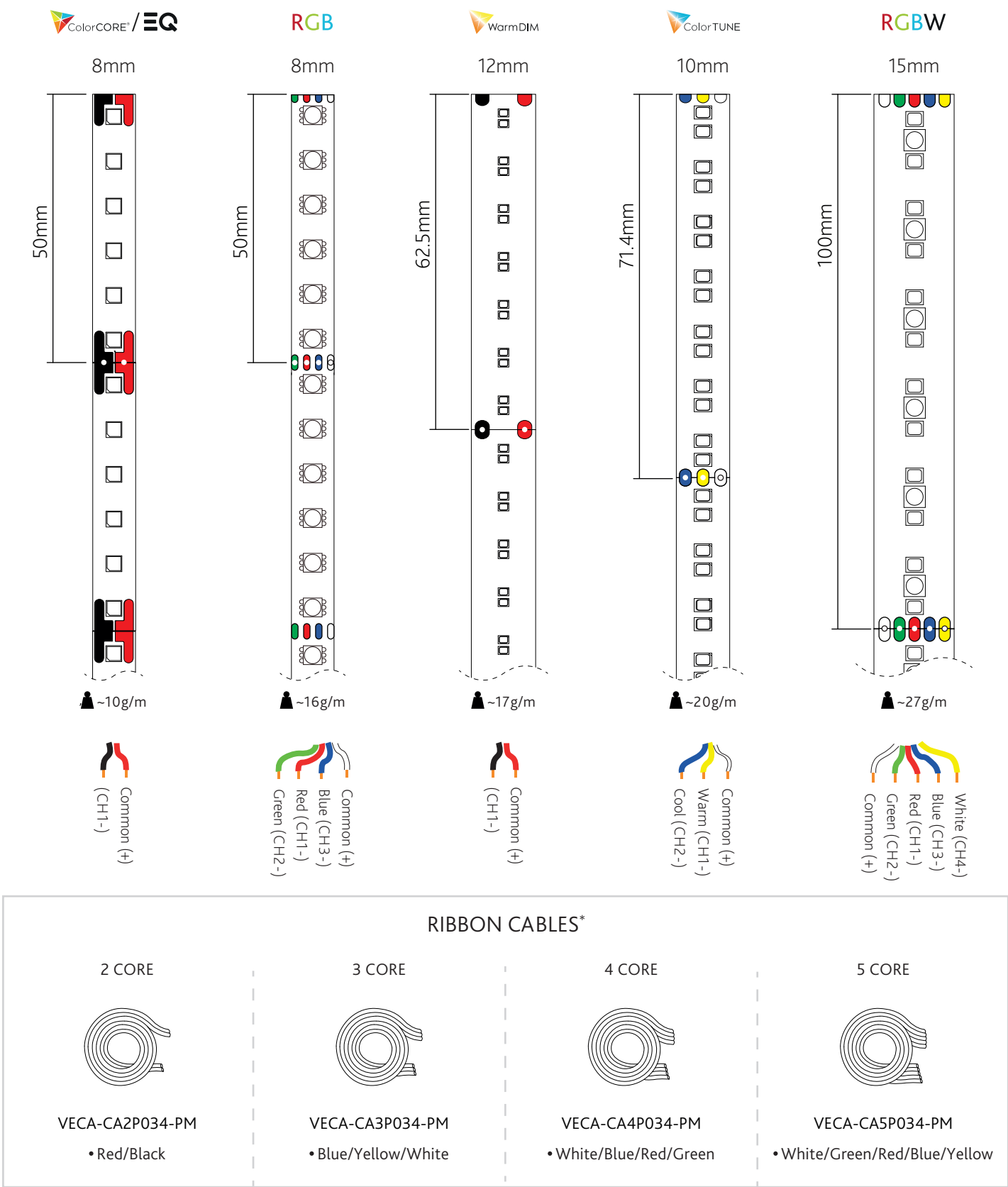
*Interface requires 24VDC supply from non-dim driver: P24-xxx-SWI-xx

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

CUT INCREMENTS AND CONNECTIONS



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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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