

COMPACT LINEAR LIGHTING PROFILE

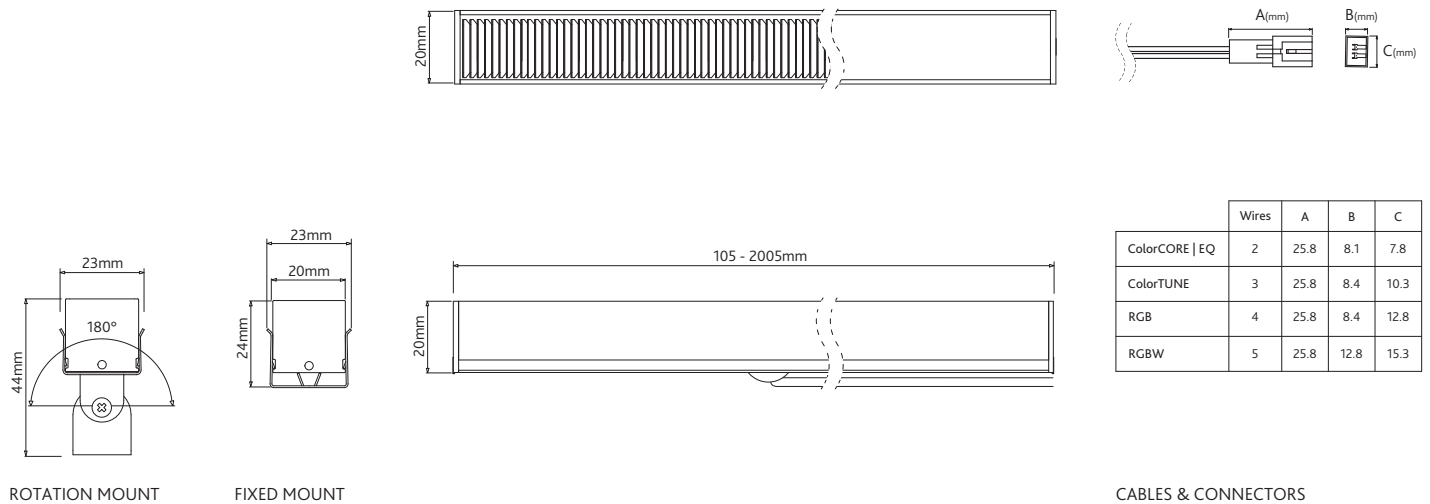
DRY LOCATION IP50	WET LOCATION IP67
5 YEAR WARRANTY	L70B10 >60,000h
2200k TO 4000k	≤95 CRI
≤24W/m ≤2400lm/m	ANTI-GLARE LOUVRE 

- Surface mounted
- 20x20mm linear lighting profile
- GRAZE / WASH / FLOOD lenses and optional anti-glare louvre
- Custom made lengths from 105mm to 2005mm
- Interior IP50 or exterior IP67 rated water resistant options
- Wall grazing, wall washing and display-lighting 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 [↓](#)



~425g per metre

SPECIFICATION CODES

IP RATING		FINISH		LENS LOUVRE		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		L GRAZE M WASH N FLOOD O GRAZE +LOUVRE P WASH +LOUVRE		XXXX LENGTH MM Refer to page 3 							

EXAMPLE: V20S OPTIC

IP50

BLACK

GRAZE + LOUVRE

2005MM

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	193mm
300	205mm	205mm	219mm	255mm
400	255mm			318mm
500	305mm	305mm	291mm	380mm
600	355mm		362mm	443mm
700	405mm	405mm	433mm	505mm
800	455mm		505mm	568mm
900	505mm	505mm	576mm	630mm
1000	555mm		648mm	693mm
1100	605mm	605mm	719mm	755mm
1200	655mm		790mm	818mm
1300	705mm	705mm	862mm	880mm
1400	755mm		933mm	943mm
1500	805mm	805mm	1005mm	1005mm
1600	855mm		1076mm	1068mm
1700	905mm	905mm	1147mm	1130mm
1800	955mm		1219mm	1193mm
1900	1005mm	1005mm	1290mm	1255mm
2000	1055mm		1362mm	1318mm
2100	1105mm	1105mm	1433mm	1380mm
2200	1155mm		1504mm	1443mm
2300	1205mm	1205mm	1576mm	1505mm
2400	1255mm		1647mm	1568mm
2500	1305mm	1305mm	1719mm	1630mm
2600	1355mm		1790mm	1693mm
2700	1405mm	1405mm	1861mm	1755mm
2800	1455mm		1933mm	1818mm
2900	1505mm	1505mm	2004mm	1880mm
3000	1555mm			1943mm
3100	1605mm	1605mm		2005mm
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 [↓](#)



2-STEP

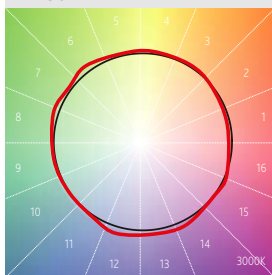
CCT Binning




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			GRAZE / WASH W/m			FLOOD W/m		
6	12	24	6	12	24	6	12	24
650	1300	2400	490	980	1800	420	850	1560
650	1300	2350	490	980	1760	420	850	1530
650	1250	2300	490	940	1730	420	810	1500
600	1200	2200	450	900	1650	390	780	1430
600	1200	2200	450	900	1650	390	780	1430
600	1150	2050	450	860	1540	390	750	1330


TM30





3-STEP

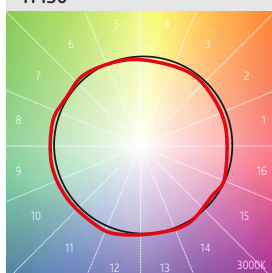
CCT Binning



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			GRAZE / WASH W/m			FLOOD W/m		
6	12	24	6	12	24	6	12	24
550	1050	2050	410	790	1540	360	680	1330
500	1000	1900	380	750	1430	330	650	1240
450	950	1850	340	710	1390	290	620	1200

TM30



RGB


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

LED tape W/m			GRAZE / WASH W/m			FLOOD W/m		
14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4
110	80	70	110	80	70	110	80	70
390	290	250	390	290	250	390	290	250
100	80	70	100	80	70	100	80	70
TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL
600	450	390	600	450	390	600	450	390

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		



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	

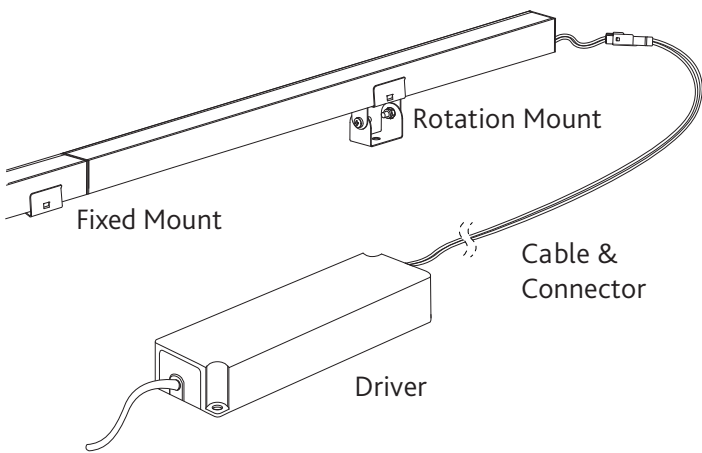
Lumen Output								
LED tape W/m			GRAZE / WASH W/m			FLOOD W/m		
12+12			12+12			12+12		
1100			810			510		
700			520			320		
TOTAL 1800			TOTAL 1330			TOTAL 830		
1200			890			550		
900			670			410		
TOTAL 2100			TOTAL 1560			TOTAL 960		

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. Lumen output is reduced up to 30% when louvre is fitted.

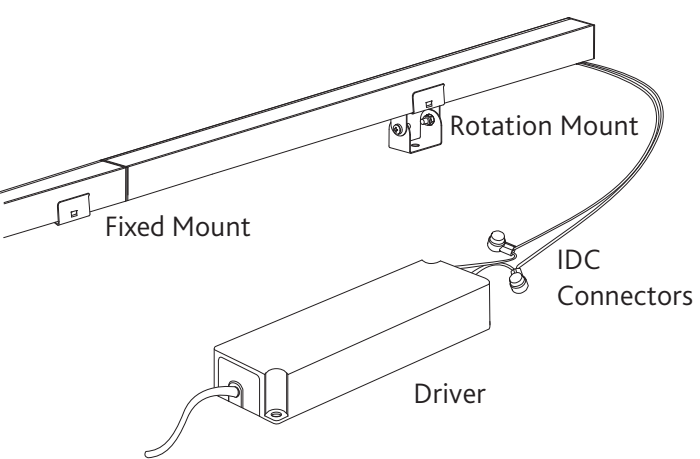
ACCESSORIES

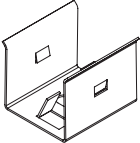
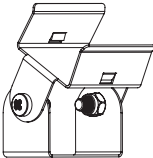
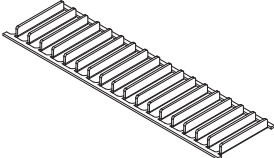

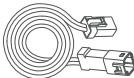

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V20S OPTIC IP50



V20S OPTIC IP67



<p>FIXED MOUNT</p>  <p>V20S-MA__-R1</p> <ul style="list-style-type: none">• Fixed clip (Silver/Black/White)• Pack of 20/100/500pcs• Allow 3 per metre	<p>ROTATION MOUNT</p>  <p>V20S-MA__-R1</p> <ul style="list-style-type: none">• 180° of rotation Silver/Black/White)• Pack of 20/100/500pcs• Allow 3 per metre	<p>LOUVRE</p>  <ul style="list-style-type: none">• Anti-glare
<p>IDC CONNECTORS</p>  <p>VECA-CA90_-R1</p> <ul style="list-style-type: none">• Sealant Connector• Pair 3A Max / 5A Max	<p>CABLE & CONNECTOR</p> <div><p>VECA-CA100-R1</p><ul style="list-style-type: none">• Click-connect cable 1 metre length</div> <div><p>VECA-CA101-R2</p><ul style="list-style-type: none">• RGB click-connect cable 1 metre length</div>	

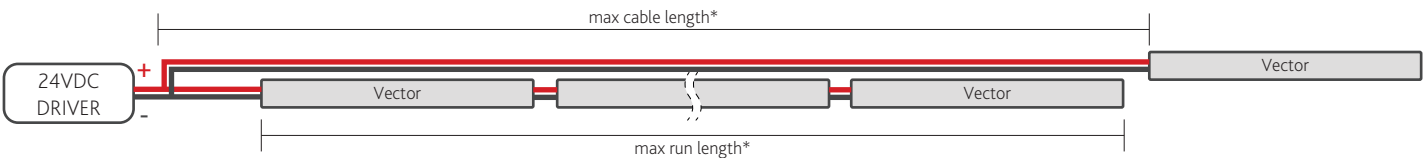
DRIVERS

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

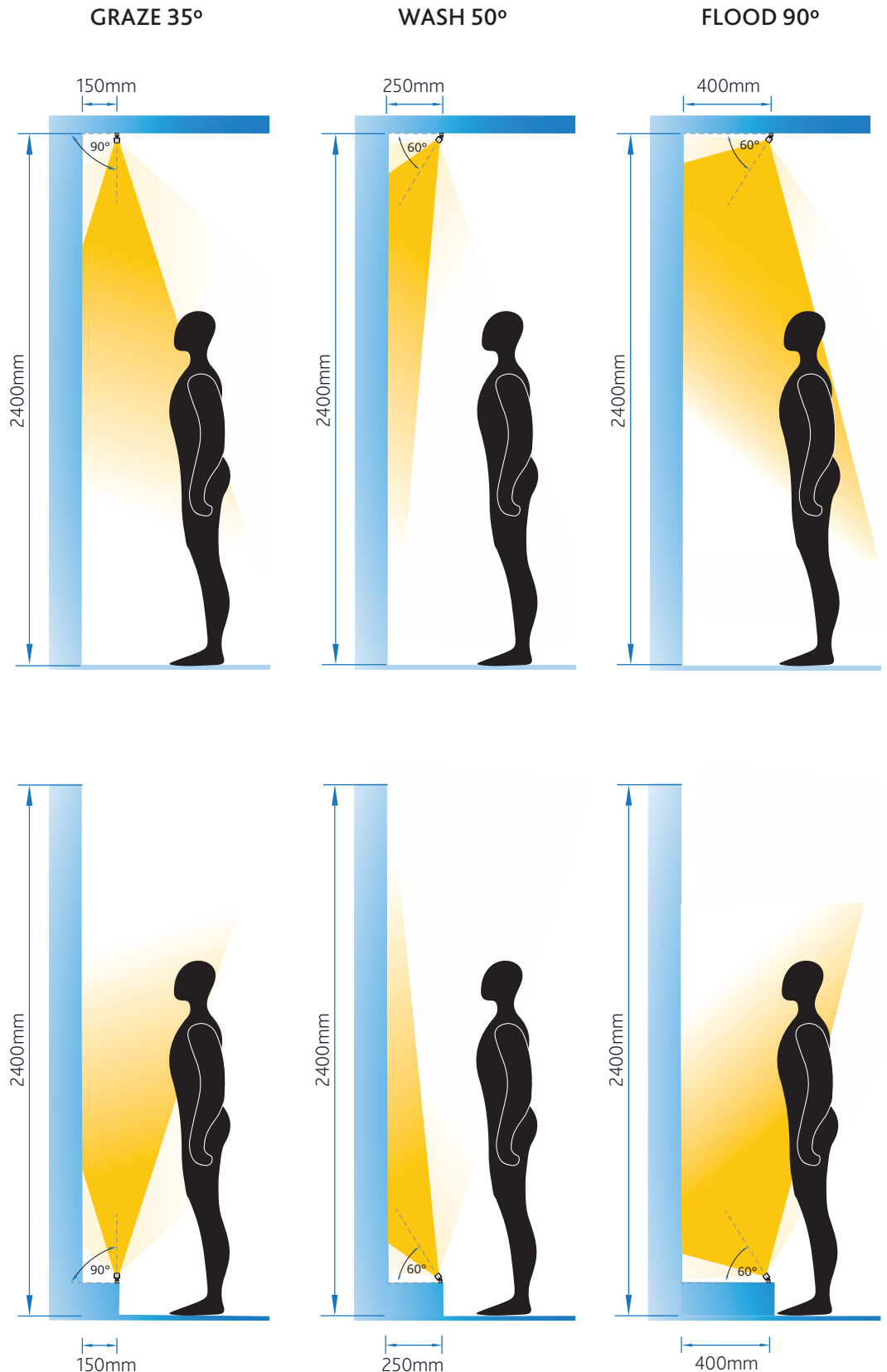
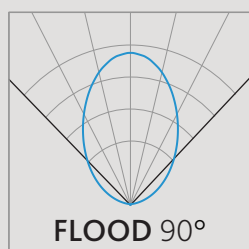
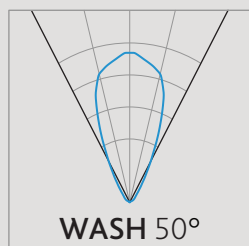
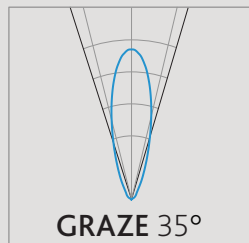


Left: Roverstaden, Oslo | Lighting Design: Light Bureau | Image: Arve Olsen; Right: HIDE, London | Lighting Design: Speirs + Major | Image: James Newton

[Download Installation Manuals](#) ↓

APPLICATION NOTES

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



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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