

Project Name

Qty

Catalog / Part Number

LVFK | Luci Vivoxo FLEX K IP67

Color management
MacAdam 3 step

Model No.

LVFK40



Product Name / LED pitch	Length	Lead Wire	Light source color	Beam angle	Environment	Power consumption	Body color
LVFK40 : 40mm pitch	0125 1125 0250 1250 0375 1375 0500 1500 0625 1625 0750 1750 0875 1875 1000 2000	W : Both ends S : One end	D : 6500K N : 5000K W : 4000K WW : 3500K L30 : 3000K L27 : 2700K L22 : 2200K	SP2 : 22°×35° 35 : 35° 50 : 50°	O : Outdoor	8 : 8W/m 16 : 16W/m 24 : 24W/m	B : Black W : White* * Need MOQ 10m

Specification

Wattage (Code)	8	16	24
Wattage (W/m)	8	16	24
Weight (g)	520	520	520
Luminaire efficacy (lm/W) @2700K	69.1	67.2	64.0

Lumen output

Light source color(Code)	CRI	Luminaire flux (lm/m) @SP2		
D	6500K Ra 91	645	1255	1792
N	5000K Ra 94	630	1225	1750
W	4000K Ra 94	615	1195	1707
WW	3500K Ra 93	599	1165	1664
L30	3000K Ra 93	584	1135	1622
L27	2700K Ra 93	553	1075	1536
L22	2200K Ra 81	562	1093	1562

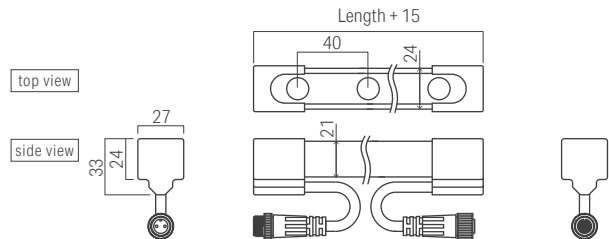
Length(Code)	Fitting length(mm)	Wattage (W)		
0125	135	1	2	3
0250	260	2	4	6
0375	385	3	6	9
0500	510	4	8	12
0625	635	5	10	15
0750	760	6	12	18
0875	885	7	14	21
1000	1010	8	16	24
1125	1135	9	18	27
1250	1260	10	20	30
1375	1385	11	22	33
1500	1510	12	24	36
1625	1635	13	26	39
1750	1760	14	28	42
1875	1885	15	30	45
2000	2010	16	32	48

General Specification

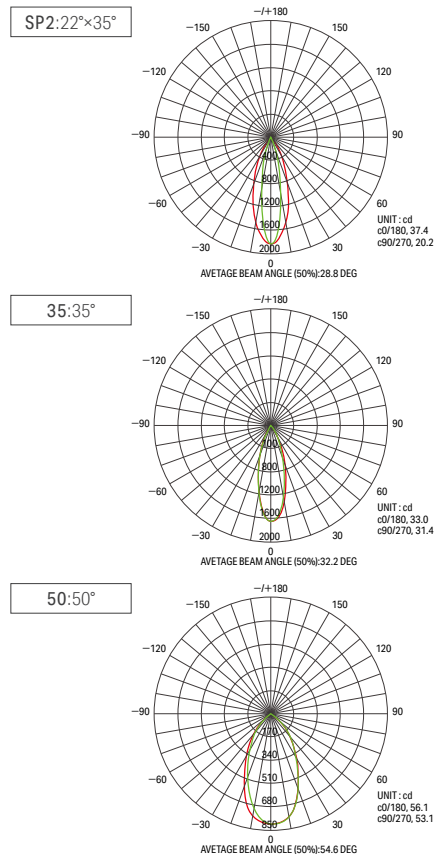
Input voltage	DC24V
LED beam angle	22°×35°, 35°, 50°
Environment	Indoor, Outdoor, IP67
Max. length per circuit	8W, 16W: 5m, 24W: 4.4m
Min. bending range	① Mounting rail + ③ Glare cut shield / Horizontal R1000mm ② Mounting parts / Horizontal, vertical R500mm
Material (body)	Silicone
Certification	CE
Dimmable	Yes (0-10V/1-10V, DMX, DALI, Casambi)

External dimensions

Both ends lead wire



Light distribution curve



Luci Pte. Ltd.

E-mail info@luci.co.jp

Singapore World HQ

Hong Kong Marketing Office

13A Bukit Pasoh Road, Singapore 089827

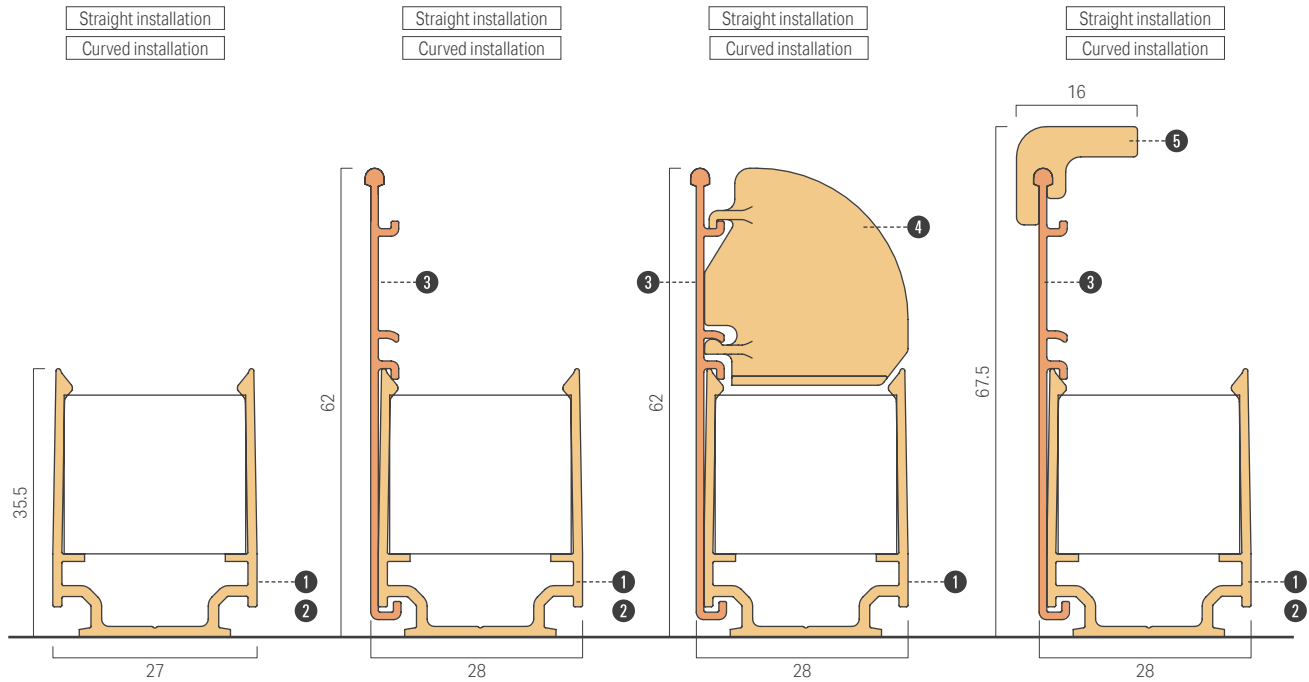
Unit 601-02, 6/F Union Park Tower, 168 Electric Road, Fortress Hill, Hong Kong

TEL +65-6291-2410

TEL +852-2219-8462



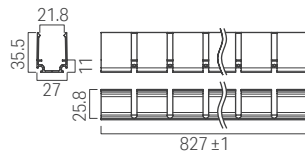
Cross sectional view with accessories



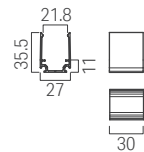
Accessories



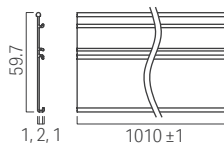
- 1** Bendable AL Low rail 1000 for LVF **Renewal**
 Model No : LVF-RL1000-AL-W-L (White) Build to order
 LVF-RL1000-AL-B-L (Black)
 Min. bending range 1000mm



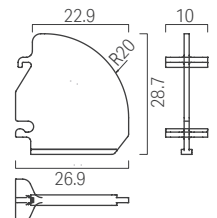
- 2** Mounting Low parts for LVF **Renewal**
 Model No : LVF-RL0030-AL-W-L (White) Build to order
 LVF-RL0030-AL-B-L (Black)
 5 pcs / bag



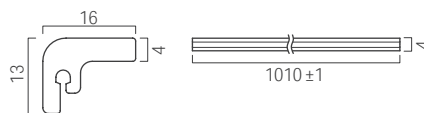
- 3** Glare cut shield 1000 for LVF rail **Renewal**
 Model No : LLVF-GS1000-W-L (White) Build to order
 LVF-GS1000-B-L (Black)
 Min. bending range 1000mm



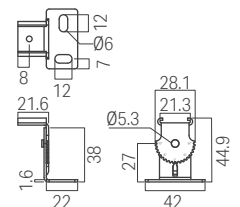
- 4** Louver for LVF Shield **New**
 Model No : LVF-LV-W-L (White) Build to order
 LVF-LV-B-L (Black)
 25pcs / bag (1m)



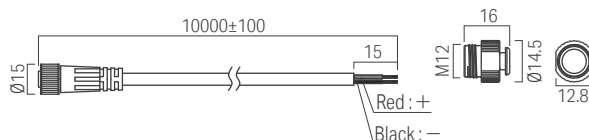
- 5** Return for LVF Shield **Renewal**
 Model No : LVF-RT1000-W-L (White) Build to order
 LVF-RT1000-B-L (Black)
 5 pcs / bag



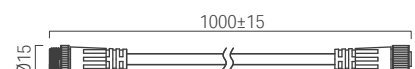
- 6** Adjustable SUS bracket for LVF rail
 Model No : LVF-PT-A
 5 pcs / bag



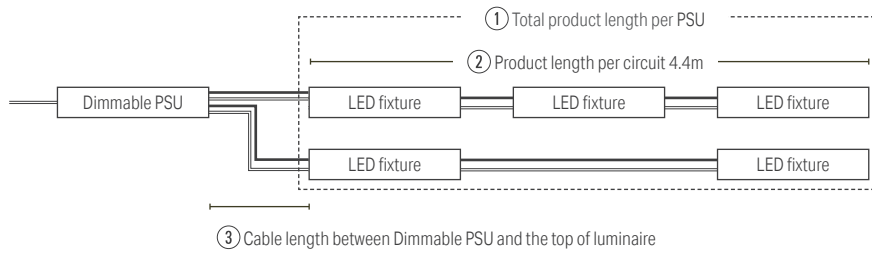
- 7** Power supply cable 10M for Vivoxo FLEX
 Model No : CAD-V010M-FQNN-O
 1 pc per circuit for connecting the LED fixture to power supply or dimmer driver.
 Connector cap (1 pc) is attached



- 8** Joint cable 1M for Vivoxo FLEX
 Model No : CAD-V1000-MQFQ-O
 Joint cable between two LED fixtures



System configuration diagram



- ① Total product length per Dimmable PSU depends on capacity of the Dimmable PSU. Recommended loading factor is 70% (without dimming) or 60% (with dimming).
- ② Product length per circuit shall not exceed maximum product length per circuit. If the product length per circuit exceeds the maximum, split into multiple circuits.
- ③ To minimize voltage drop, select appropriate wire gauge/diameter and consider the cable length between Dimmable PSU and the top of luminaire referring to the following table. If longer cable distances are required, use thicker wires or reduce the loading of the LED fixtures in the circuit.

Dimmer

Model No.	Size (mm) (L × W × H)
PX0408	140 × 50 × 26
DALI6010	168 × 39 × 30
DIM-S1L10V-0	175 × 56 × 28

Dimmable PSU

Model No.	Size (mm) (L × W × H)
PWM-200-24	195 × 68 × 39.5
PWM-120-24	191 × 63 × 37.5
PWM-90-24	171 × 63 × 37.5
PWM-60-24	150 × 53 × 35
PWM-40-24	150 × 53 × 35

Dimmer & Dimmable PSU			PX0408 (8A × 4ch)-Use 1ch only	PX0408 (8A × 4ch)-Use 1ch only	PWM-200-24	PWM-120-24	PWM-90-24	PWM-60-24	PWM-40-24
			DALI6010 (10A × 1ch)	DALI6010 (10A × 1ch)					
			DIM-S1L10V-0 (10A × 1ch)	DIM-S1L10V-0 (10A × 1ch)					
			connectable up to 5A, when using 200W DC24V PSU as 60% load factor	connectable up to 3.75A, when using 150W DC24V PSU as 60% load factor	connect up to 140W as 70% load	connect up to 84W as 70% load	connect up to 63W as 70% load	connect up to 42W as 70% load	connect up to 28W as 70% load
Model No.	Wattage (W/m)	Max. length per circuit (m)	① Connectable length per Dimmer & Dimmable PSU (m)						
			* Split into multiple circuit						
LVFK40-**-*-O-8-*	8	5	15*	11.2*	17.5*	10.5*	7.8*	5.2*	3.5
LVFK40-**-*-O-16-*	16	5	7.5*	5.6*	8.7*	5.2*	3.9	2.6	1.7
LVFK40-**-*-O-24-*	24	4.4	5*	3.7	5.8*	3.5	2.6	1.7	1.1

Model No.	Wattage (W/m)	Cross section			
		Wiregauge			
		Wiregauge			
		② Max. length per circuit (m)	③ Max. cable length between PSU and the top of luminaire at ② Max. length per circuit (m)		
LVFK40-**-*-O-8-*	8	5	4	6.6	10.4
LVFK40-**-*-O-16-*	16	5	1.5	2.4	3.7
LVFK40-**-*-O-24-*	24	4.4	1.8	3.0	4.7

