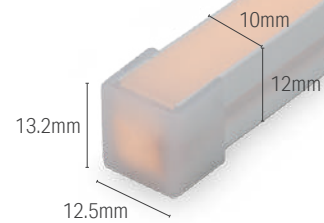


Project Name

Qty

Catalog / Part Number

LFUMAY-O | Luci SHIN UQ FLEX α mini IP67



Model No.

LFUMAY - T□□□□ - □□□□ - DF - O - □

Product Name	Length	Lead wire	Lead wire	Light source color	Tube type	Environment	Wattage
LFUMAY	Custom order length	W : Both ends S : One end	B : Back feed R : Side(Right) feed	D : 6500K N : 5000K W : 4000K WW : 3500K L30 : 3000K L27 : 2700K L25 : 2500K L22 : 2200K L20 : 2000K L18 : 1800K	DF : Diffuser	O : Outdoor	2 : 2.1 4 : 4.0 5 : 5.9 9 : 9.9 14 : 14.9

Specification

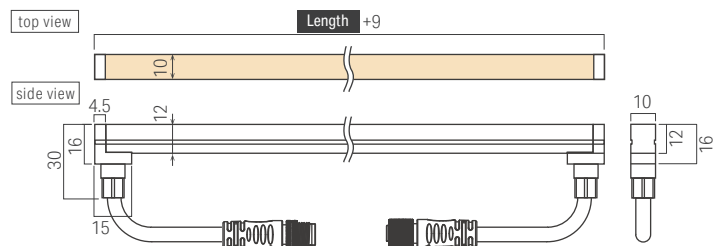
Wattage (Code)	2	4	5	9	14
Wattage (W/m)	2.1	4.0	5.9	9.9	14.9
Luminaire efficacy (lm/W) @2700K	42.6	45.5	46.5	45.3	44
Lumen output					
Light source color(Code)					
	Delivered CCT	CRI	Luminaire flux (lm/m)		
D 6500K	6100K	Ra 95	100	204	312
N 5000K	4600K	Ra 92	99	202	309
W 4000K	3600K	Ra 96	97	198	304
WW 3500K	3200K	Ra 96	96	196	301
L30 3000K	2700K	Ra 94	93	191	293
L27 2700K	2500K	Ra 93	88	180	276
L25 2500K	2300K	Ra 93	65	133	204
L22 2200K	2000K	Ra 92	61	124	191
L20 2000K	1800K	Ra 90	56	114	174
L18 1800K	1600K	Ra 90	54	110	168

General Specification

Input voltage	DC24V
Environment	Outdoor (no condensation)
Max. length	2m
Max. length Per circuit	10m
Min. bending range	R50mm
Material (body)	Silicone
Certification	CE
Dimmable	Yes (0-10V/1-10V, DMX, DALI, PWM, Casambi)

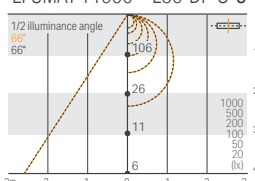
External dimensions

Both ends lead, Back feed



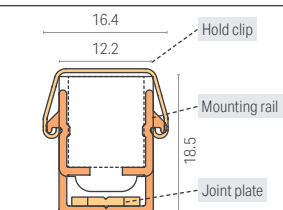
Light Intensity

LFUMAY-T1000**-L30-DF-O-5

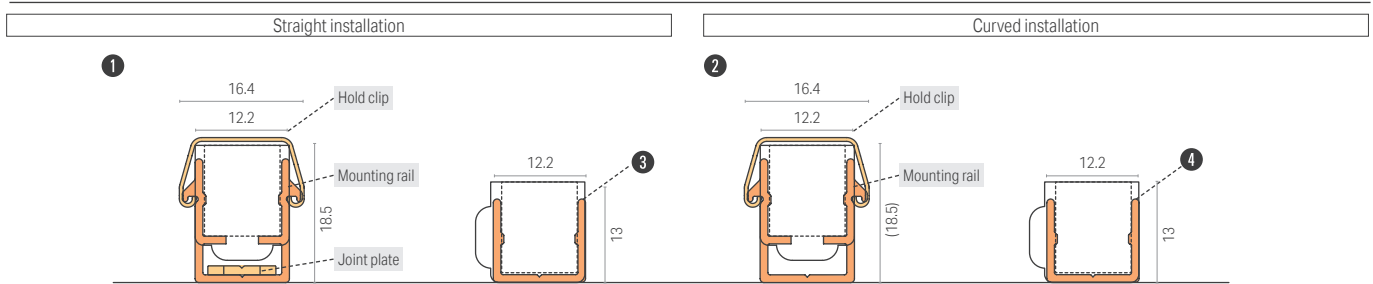


Light source color	3000K
Brightness	106 cd
Luminous flux	293
Color rendering index	Ra 94

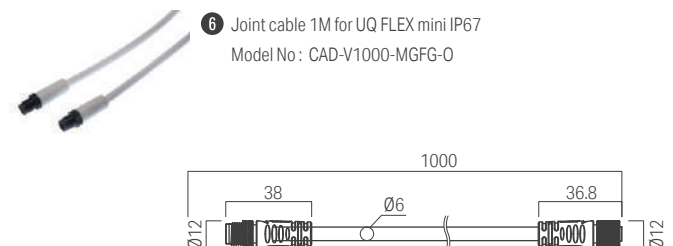
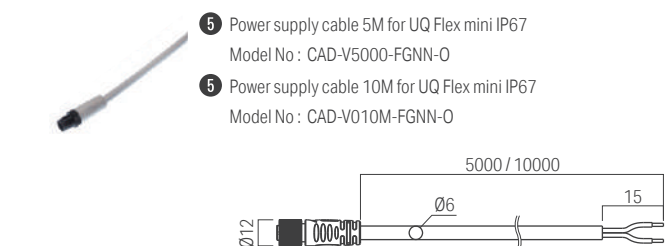
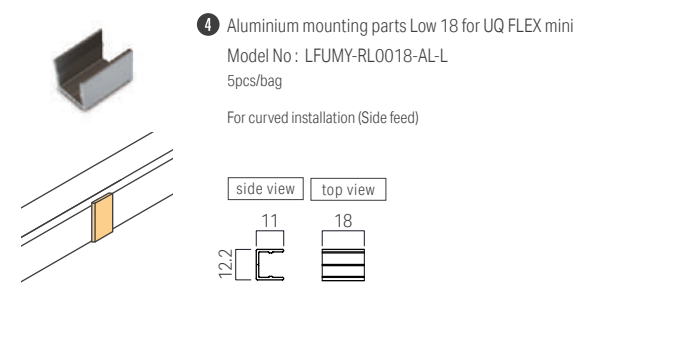
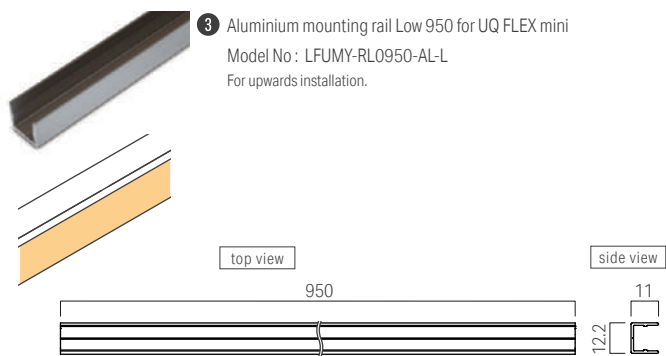
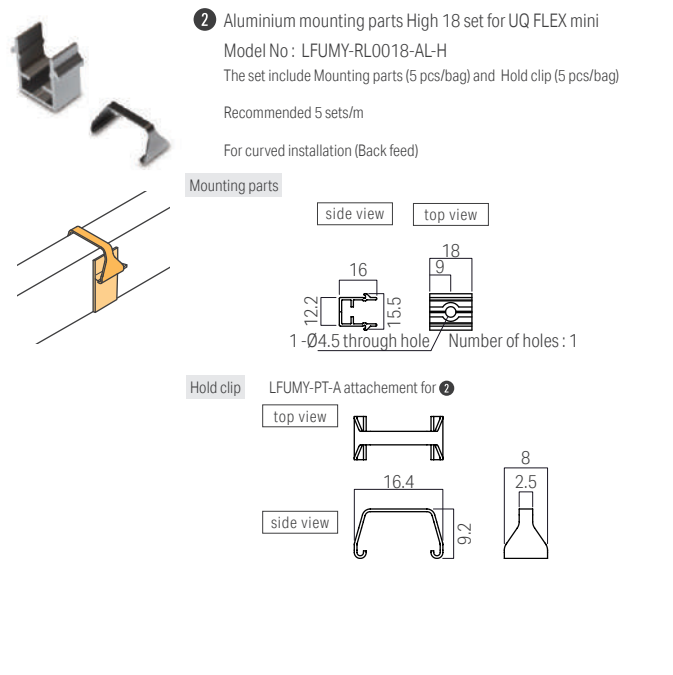
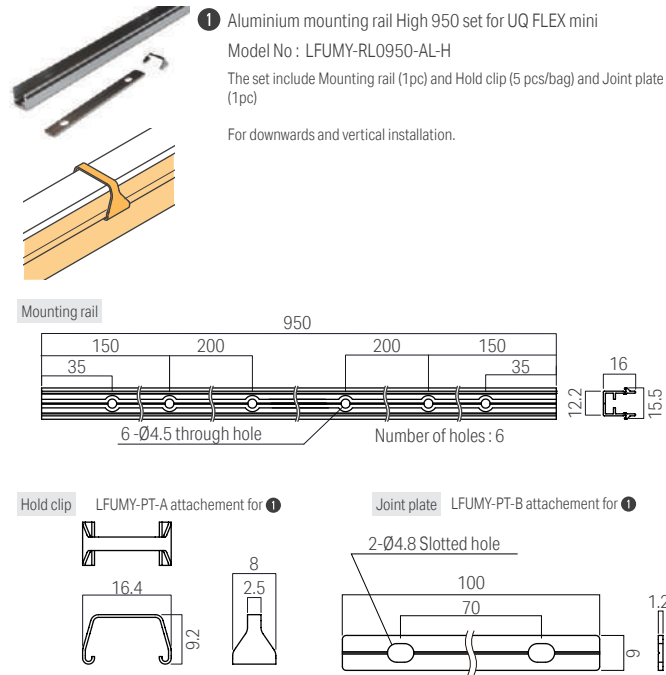
Cross sectional view with accessories



Cross sectional view with accessories



Accessories

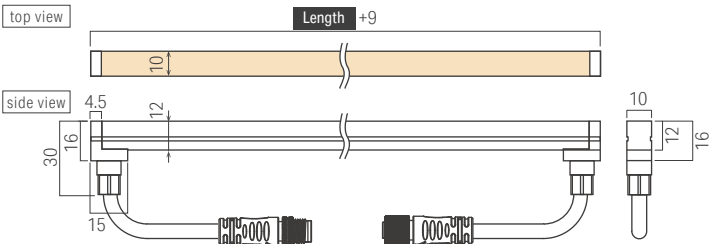


External dimension

Luci SHIN UQ FLEX α mini IP67 / **W** Both ends lead wire, **B** Back feed

LFUMAY - T **WB -** **- DF - O -**

Length Color Wattage



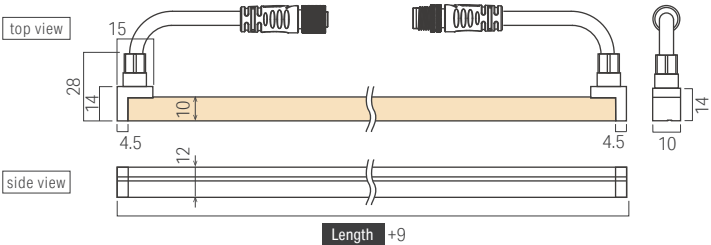
Custom order length

Length	Fitting length (mm)	Length	Fitting length (mm)
0050	59	1050	1059
0100	109	1100	1109
0150	159	1150	1159
0200	209	1200	1209
0250	259	1250	1259
0300	309	1300	1309
0350	359	1350	1359
0400	409	1400	1409
0450	459	1450	1459
0500	509	1500	1509
0550	559	1550	1559
0600	609	1600	1609
0650	659	1650	1659
0700	709	1700	1709
0750	759	1750	1759
0800	809	1800	1809
0850	859	1850	1859
0900	909	1900	1909
0950	959	1950	1959
1000	1009	2000	2009

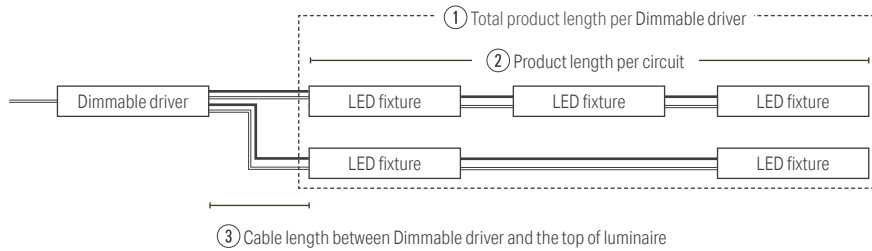
Luci SHIN UQ FLEX α mini IP67 / **W** Both ends lead wire, **R** Side(Right) feed

LFUMAY - T **WR -** **- DF - O -**

Length Color Wattage



System configuration diagram



- ① Total product length per Dimmable driver depends on capacity of the Dimmable driver. 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 driver 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.

Dimmable driver

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

Dimmable driver			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 Dimmable driver (m) * Split into multiple circuit						
LFUMAY-T**-DL-O-2	2.1	10	57.1*	42.8*	66.6*	40*	30*	20*	13.3*
LFUMAY-T**-DL-O-4	4	10	30*	22.5*	35*	21*	15.7*	10.5*	7
LFUMAY-T**-DL-O-5	5.9	10	20.3*	15.2*	23.7*	14.2*	10.6*	7.1	4.7
LFUMAY-T**-DL-O-9	9.9	10	12.1*	9	14.1*	8.4	6.3	4.2	2.8
LFUMAY-T**-DL-O-14	14.9	10	8	6	9.3	5.6	4.2	2.8	1.8
Model No.	Wattage (W/m)	Crosssection Wiregauge	② Max. length per circuit (m)				③ Max. cable length between Dimmable driver and the top of luminaire at ② Max. length per circuit (m)		
			0.3sq AWG22		0.5sq AWG20		0.75sq AWG18		
LFUMAY-T**-DL-I-2	2.1		5	15	24	38			
LFUMAY-T**-DL-I-4	4.2		5	7.7	12.3	19.5			
LFUMAY-T**-DL-I-6	6.4		5	5.1	8.2	12.8			
LFUMAY-T**-DL-I-10	10.8		5	3	4.9	7.6			
LFUMAY-T**-DL-I-15	15.9		5	2	3.3	5.2			

