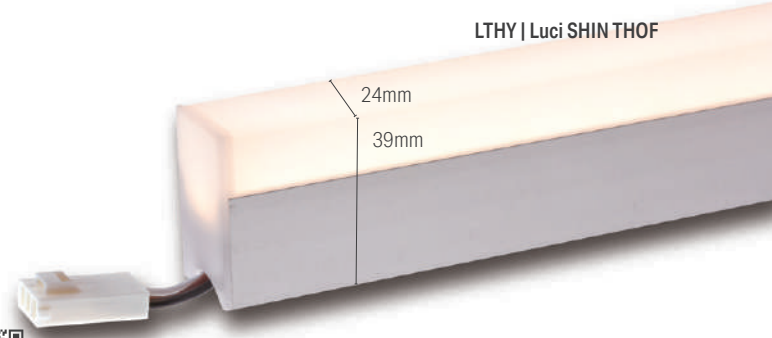


Project Name _____
 Qty _____
 Catalog / Part Number _____



LTHY | Luci SHIN THOF

Color management MacAdam 3 step L90>B10 60K RIGID

Model No.

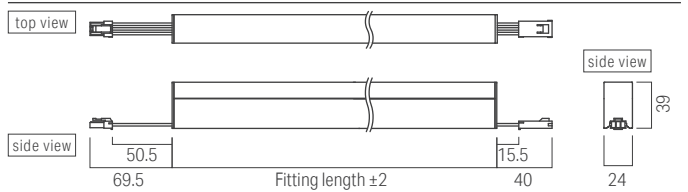
LTHY - - - **DF** - **I** -

Product Name	Length	Light source color	Cover type	Environment	Wattage
LTHY	0103 0604 1106 0205 0705 1204 0306 0806 1306 0407 0907 1407 0503 1003 1502	Select 2 CCTs D : 6500K L27 : 2700K N : 5000K L25 : 2500K W : 4000K L22 : 2200K WW : 3500K L20 : 2000K L30 : 3000K L18 : 1800K	DF : Diffuser	I : Indoor	10 : 10.1W/m 21 : 21.5W/m 31 : 31.6W/m

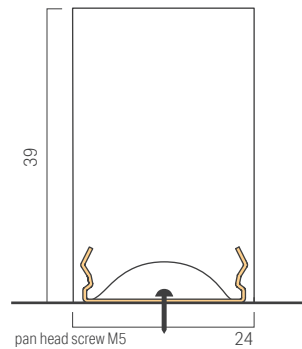
Specification

Wattage (Code)	10	21	31
Wattage(W/m)	10.1	21.5	31.6
Length(Code)	Fitting length (mm)	Weight(g)	Wattage
0103	103	60	1.0 2.1 3.2
0205	206	100	2.0 4.3 6.3
0306	306	140	3.0 6.4 9.5
0407	407	180	4.0 8.6 12.7
0503	503	220	5.0 10.7 15.8
0604	604	260	6.0 12.9 19.0
0705	705	300	7.1 15.0 22.1
0806	806	340	8.1 17.2 25.3
0907	907	380	9.1 19.3 28.5
1003	1003	420	10.1 21.5 31.6
1106	1106	460	11.1 23.6 34.8
1204	1204	500	12.1 25.8 38.0
1306	1306	540	13.1 27.9 41.1
1407	1407	580	14.1 30.1 44.3
1502	1502	620	15.1 32.2 47.5

External dimensions



Cross sectional view with accessories

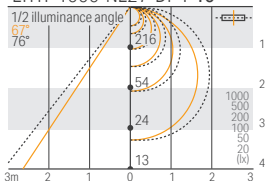


General Specification

Input voltage	DC24V
Environment	Indoors (no condensation)
Max. length per circuit	10.1W/m 21.5W/m : 5m 31.6W/m : 3m
Material	Body : Aluminum , Cover : Polycarbonate
Certification	CE, PTB FREE
Dimmable	Yes (Tunable white driver is required)

Light Intensity

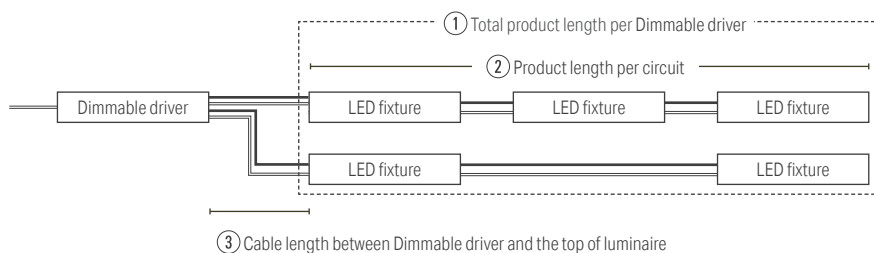
LTHY-1000-NL27-DF-I-10



Light source color 3500K equivalent
 Brightness N:100%, L27:100%
 Brightness 216 cd
 Luminous flux 1235 lm
 Color rendering index Ra 95



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.

Dimmer

Model No.	Size (mm) (L × W × H)
DIM-S2L8V-0	167 × 51 × 23

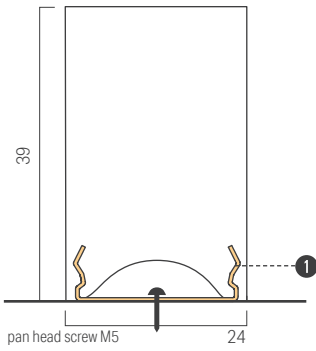
Dimmable PSU

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

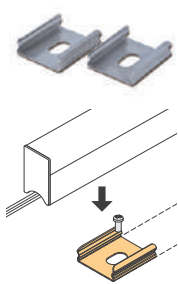
Dimmer & Dimmable PSU			DIM-S2L8V-0 (8A x 2ch. MAX)	DIM-S8L8V-0 (8A x 2ch. MAX)	PWM-200-24	PWM-120-24	PWM-90-24	PWM-60-24	PWM-40-24
			connectable up to 5A, when using 200W DC24V PSU as 60% load factor	connectable up to 3A, when using 150W DC24V PSU as 60% load factor	connect up to 140W as 70% load	connect 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						
LTHY-*--DF-I-10	10.1	5	11.8*	7.1*	13.8*	8.3*	6.2*	4.1	2.7
LTHY-*--DF-I-21	21.5	5	5.5*	3.3	6.5*	3.9	2.9	1.9	1.3
LTHY-*--DF-I-31	31.6	3	3.7*	2.2	4.4*	2.6	1.9	1.3	0.8
			Cross section	0.3sq	0.5sq		0.75sq		
			Wiregauge	AWG22	AWG20		AWG18		
Model No.	Wattage (W/m)	② Max. length per circuit (m)	③ Max. cable length between PSU and the top of luminaire at ② Max. length per circuit (m)						
LTHY-*--DF-I-10	10.1	5	3.2	5.2		8.2			
LTHY-*--DF-I-21	21.5	5	1.5	2.4		3.8			
LTHY-*--DF-I-31	31.6	3	1.7	2.8		4.4			



Cross sectional view with accessories



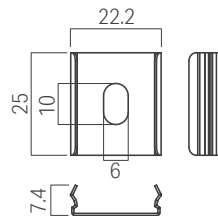
Accessories



1 Mounting parts A Attachment

Model No : LTH-PTA
Attached with light fixture
2 pcs / bag

For extra order
2 pcs / bag



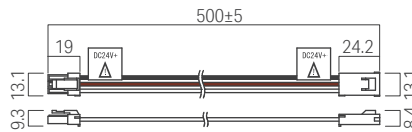
Length	0103-1003	1106-1407	1502	
Attachment Mounting clip	2 pcs	3 pcs	4 pcs	Unit of order
1 Mounting clip	2 pcs	3 pcs	4 pcs	2 pcs/bag



2 Power supply cable 500mm for THOF

Model No : CAD-0500-MDF-I
1 pc per circuit for connecting the light fixture
to power supply or dimmer driver.

Black : +
White : 1ch- (light source color: white)
Brown : 2ch- (light source color: warm white)



Luci SHIN THOF

Illuminance data

		10.5W/m	21.5W/m	31.6W/m
DN	D 100% / N 0%	658	1389	1979
	D 0% / N 100%	653	1376	1961
	D 100% / N 100%	1311	2765	3940
DW	D 100% / W 0%	658	1389	1979
	D 0% / W 100%	641	1352	1926
	D 100% / W 100%	1299	2740	3905
DWW	D 100% / WW 0%	658	1389	1979
	D 0% / WW 100%	635	1340	1909
	D 100% / WW 100%	1293	2728	3887
DL30	D 100% / L30 0%	658	1389	1979
	D 0% / L30 100%	618	1303	1856
	D 100% / L30 100%	1276	2691	3835
DL27	D 100% / L27 0%	658	1389	1979
	D 0% / L27 100%	583	1229	1751
	D 100% / L27 100%	1241	2618	3730
DL25	D 100% / L25 0%	658	1389	1979
	D 0% / L25 100%	431	909	1296
	D 100% / L25 100%	1089	2298	3274
DL22	D 100% / L22 0%	658	1389	1979
	D 0% / L22 100%	402	848	1208
	D 100% / L22 100%	1060	2237	3187
DL20	D 100% / L20 0%	658	1389	1979
	D 0% / L20 100%	367	774	1103
	D 100% / L20 100%	1025	2163	3082
NW	N 100% / W 0%	653	1376	1961
	N 0% / W 100%	641	1352	1926
	N 100% / W 100%	1293	2728	3887
NWW	N 100% / WW 0%	653	1376	1961
	N 0% / WW 100%	635	1340	1909
	N 100% / WW 100%	1288	2716	3870
NL30	N 100% / L30 0%	653	1376	1961
	N 0% / L30 100%	618	1303	1856
	N 100% / L30 100%	1270	2679	3817
NL27	N 100% / L27 0%	653	1376	1961
	N 0% / L27 100%	583	1229	1751
	N 100% / L27 100%	1235	2605	3712
NL25	N 100% / L25 0%	653	1376	1961
	N 0% / L25 100%	431	909	1296
	N 100% / L25 100%	1084	2286	3257
NL22	N 100% / L22 0%	653	1376	1961
	N 0% / L22 100%	402	848	1208
	N 100% / L22 100%	1055	2224	3169
NL20	N 100% / L20 0%	653	1376	1961
	N 0% / L20 100%	367	774	1103
	N 100% / L20 100%	1020	2151	3064
WWW	W 100% / WW 0%	641	1352	1926
	W 0% / WW 100%	635	1340	1909
	W 100% / WW 100%	1276	2691	3835
WL30	W 100% / L30 0%	641	1352	1926
	W 0% / L30 100%	618	1303	1856
	W 100% / L30 100%	1258	2654	3782
WL27	W 100% / L27 0%	641	1352	1926
	W 0% / L27 100%	583	1229	1751
	W 100% / L27 100%	1223	2581	3677
WL25	W 100% / L25 0%	641	1352	1926
	W 0% / L25 100%	431	909	1296
	W 100% / L25 100%	1072	2261	3222
WL22	W 100% / L22 0%	641	1352	1926
	W 0% / L22 100%	402	848	1208
	W 100% / L22 100%	1043	2200	3134
WL20	W 100% / L20 0%	641	1352	1926
	W 0% / L20 100%	367	774	1103
	W 100% / L20 100%	1008	2126	3029
WWL30	WW 100% / L30 0%	635	1340	1909
	WW 0% / L30 100%	618	1303	1856
	WW 100% / L30 100%	1253	2642	3765
WWL27	WW 100% / L27 0%	635	1340	1909
	WW 0% / L27 100%	583	1229	1751
	WW 100% / L27 100%	1218	2568	3659
WWL25	WW 100% / L25 0%	635	1340	1909
	WW 0% / L25 100%	431	909	1296
	WW 100% / L25 100%	1066	2249	3204
WWL22	WW 100% / L22 0%	635	1340	1909
	WW 0% / L22 100%	402	848	1208
	WW 100% / L22 100%	1037	2187	3117
WWL20	WW 100% / L20 0%	635	1340	1909
	WW 0% / L20 100%	367	774	1103
	WW 100% / L20 100%	1002	2114	3012

		10.5W/m	21.5W/m	31.6W/m
L30L27	L30 100% / L27 0%	618	1303	1856
	L30 0% / L27 100%	583	1229	1751
	L30 100% / L27 100%	1200	2532	3607
L30L25	L30 100% / L25 0%	618	1303	1856
	L30 0% / L25 100%	431	909	1296
	L30 100% / L25 100%	1049	2212	3152
L30L22	L30 100% / L22 0%	618	1303	1856
	L30 0% / L22 100%	402	848	1208
	L30 100% / L22 100%	1020	2151	3064
L30L20	L30 100% / L20 0%	618	1303	1856
	L30 0% / L20 100%	367	774	1103
	L30 100% / L20 100%	985	2077	2959
L27L25	L27 100% / L25 0%	583	1229	1751
	L27 0% / L25 100%	431	909	1296
	L27 100% / L25 100%	1014	2138	3047
L27L22	L27 100% / L22 0%	583	1229	1751
	L27 0% / L22 100%	402	848	1208
	L27 100% / L22 100%	985	2077	2959
L27L20	L27 100% / L20 0%	583	1229	1751
	L27 0% / L20 100%	367	774	1103
	L27 100% / L20 100%	950	2003	2854
L25L22	L25 100% / L22 0%	431	909	1296
	L25 0% / L22 100%	402	848	1208
	L25 100% / L22 100%	833	1757	2504
L25L20	L25 100% / L20 0%	431	909	1296
	L25 0% / L20 100%	367	774	1103
	L25 100% / L20 100%	798	1684	2399
L22L20	L22 100% / L20 0%	402	848	1208
	L22 0% / L20 100%	367	774	1103
	L22 100% / L20 100%	769	1622	2311
DL18	D 100% / L18 0%	658	1389	1979
	D 0% / L18 100%	355	750	1068
	D 100% / L18 100%	1014	2138	3047
NL18	N 100% / L18 0%	653	1376	1961
	N 0% / L18 100%	355	750	1068
	N 100% / L18 100%	1008	2126	3029
WL18	W 100% / L18 0%	641	1352	1926
	W 0% / L18 100%	355	750	1068
	W 100% / L18 100%	996	2101	2994
WWL18	WW 100% / L18 0%	635	1340	1909
	WW 0% / L18 100%	355	750	1068
	WW 100% / L18 100%	990	2089	2977
L30L18	L30 100% / L18 0%	618	1303	1856
	L30 0% / L18 100%	355	750	1068
	L30 100% / L18 100%	973	2052	2924
L27L18	L27 100% / L18 0%	583	1229	1751
	L27 0% / L18 100%	355	750	1068
	L27 100% / L18 100%	938	1979	2819
L25L18	L25 100% / L18 0%	431	909	1296
	L25 0% / L18 100%	355	750	1068
	L25 100% / L18 100%	787	1659	2364
L22L18	L22 100% / L18 0%	402	848	1208
	L22 0% / L18 100%	355	750	1068
	L22 100% / L18 100%	757	1598	2276
L20L18	L20 100% / L18 0%	367	774	1103
	L20 0% / L18 100%	355	750	1068
	L20 100% / L18 100%	722	1524	2171

(lm/m)