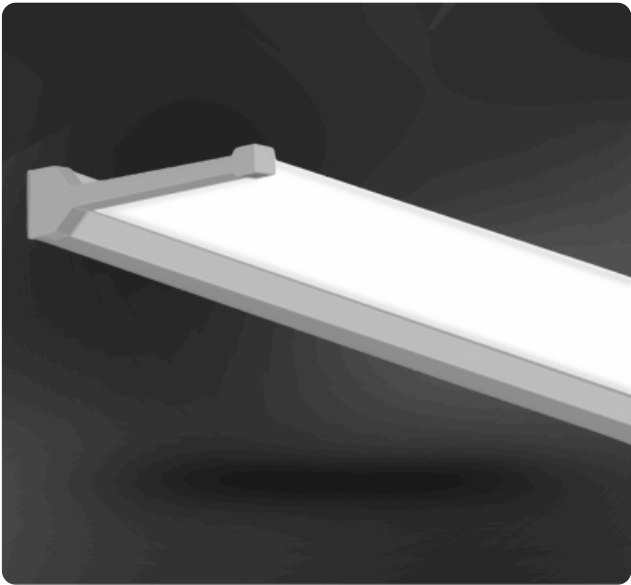
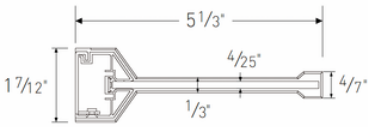


Project	
Type	
Catalog #	

Overview
 The Meta Surface is available in a surface reverted design, with a sleek low-profile sensibility optimal for architectural lighting applications, corridors, stairwells, and more.



Standard



DESCRIPTION

Meta Surface's eye-catching, sloping silhouette profile features an elegant finishing touch, with simple screws or threaded studs that pass through the housing to mount the luminaire in place. With wattage selectable and CCT adjustable function, Meta Surface also has the flexibility to illuminate many types of spaces, packing a powerful punch of up to 1600 lm/ft with 90+CRI.

PRODUCT FEATURES

- 3 lengths & sloping silhouette
- Transparent optics
- Wattage selectable, up to 1600 lm/ft
- True color, 90+CRI
- CCT adjustable from 3000K, 3500K and 4000K

PERFORMANCE

Model#	Length	Lumen Package			
		Wattage	3000K	3500K (DLC Qualification)	4000K (DLC Qualification)
LV4-ITW2F	2'	20W	1150lm/ft, 115lm/W	1250lm/ft, 125lm/W	1200lm/ft, 120lm/W
LV4-ITW3F	3'	20W/30W/40W Selectable	750-1500lm/ft, 115lm/W	800-1650lm/ft, 125lm/W	800-1600lm/ft, 120lm/W
LV4-ITW4F	4'	20W/30W/40W Selectable	550-1150lm/ft, 115lm/W	600-1250lm/ft, 125lm/W	600-1200lm/ft, 120lm/W

*All efficacy is ±5% based on different CCT. Check the IES file to gain the accurate data.

STRUCTURE

OPTICS

Ultra-thin semi-transparent vertical optics, enveloped in a signature sloping silhouette where the frame meets the optics.

FINISH

Extruded aluminum housing with powder coat white finish or custom.

ELECTRICAL

MINI INTERNAL LED DRIVER

It is powered by Class 2 high efficiency LED driver, with a standard 1-10V dimming which continuously dims to 10% which works with many types of controls. Tested Dimmers: Lutron® Diva-Dvtv, Leviton® IP-710-DL.

THD
<20%

POWER FACTOR
>0.9

INPUT VOLTAGE

Standard electronic drivers are UL recognized and available for 110-277V or 110-347V AC* input voltage.

LED SYSTEM

CRI
Minimum 90 color rendering index

CCT
CCT adjustable from 3000K, 3500K, and 4000K with a great color consistency.

LED
Minimum 50,000h with 87.8% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements.

APPROVALS

- cULus listed
- DLC Qualification: DesignLights consortium qualified and classified for DLC Standard, refer to www.designlights.org for details
- Suitable for damp locations
- Designed for indoor use only
- 5-year limited warranty

OPTIONAL FUNCTION

EMERGENCY

Optional high voltage 8W emergency LED driver EM-H08170-LBF can be provided. When AC power fails, it immediately switches to the emergency mode, operating for lighting up to 120 minutes. When AC power is restored, it automatically returns to the charging mode which meets critical life-safety lighting requirements.

For more info or spec sheet, please visit our website or contact sales.



Emergency Lumen Output:

FIXTURE EFFICACY	OUTPUT POWER 8W
100 lm/W	800 lm

PRODUCT ORDERING GUIDE

Sample

LV4 - 1 TW 2F
1 2 3 4

LV4 1 - TW
1 2 3 4

1. Base Model

LV4 Linear Vertical

2. Driver

I Internal

CCT

TW CCT Adjustable: 3000K, 3500K, 4000K

4. Length

2F 2 feet
 3F 3 feet
 4F 4 feet

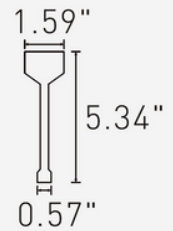
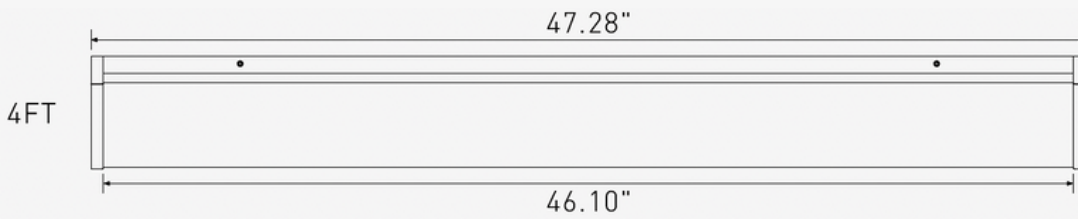
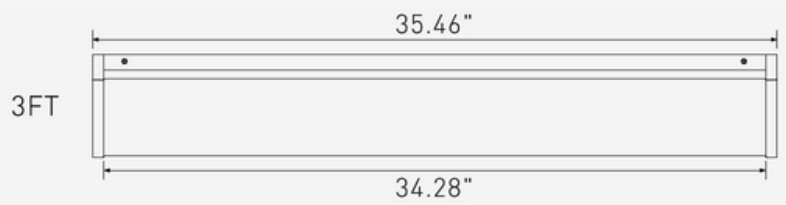
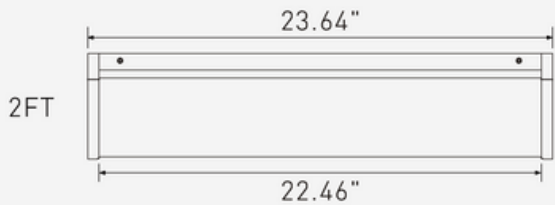
OPTIONAL ORDERING GUIDE

Optional Function

- Wall Mount Accessory Set (Order Separated)
- LED Emergency Driver (Order Separated)

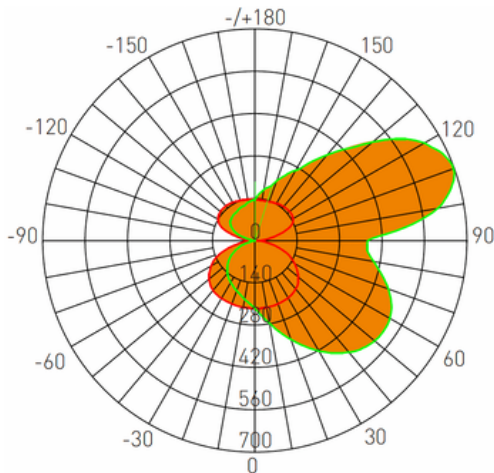
**Additional cost and/or lead time on customized fixtures may apply. Some fixtures require an MOQ. Please contact your sales rep for more information.*

DIMENSIONS



DISTRIBUTION DIAGRAM

2' / 3500K



Test Number: LV4-ITW2F
 Lumens: 2512.85 Lm
 Watts: 20 W
 LPW: 128.57 Lm/W
 CCT: 3500K

UNIT: cd
 — C0/180,360.0°
 — C90/270,342.2°

ZONAL FLUX DIAGRAM

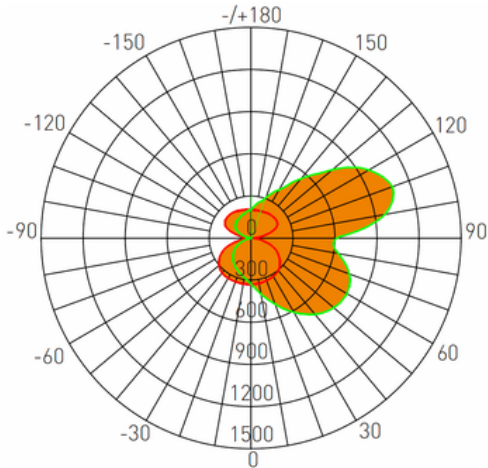
Y	C0	C45	C90	C135	C180
10	224.9	260.4	278.2	260.2	224.7
20	223.0	303.3	347.6	303.8	223.2
30	219.4	341.2	421.9	345.3	221.5
40	209.9	369.1	482.6	378.7	215.3
50	187.3	375.2	516.3	391.0	197.7
60	151.2	516.6	514.3	373.0	166.9
70	103.0	299.8	469.0	324.0	118.7
80	43.46	236.7	398.2	249.3	50.06
90	7.271	207.4	372.8	202.8	3.729
100	53.79	302.1	611.9	293.1	46.49
110	116.7	370.3	696.7	366.9	108.8
120	145.2	364.3	646.1	364.2	140.2
130	150.2	323.4	507.3	327.7	149.4
140	147.6	267.5	370.0	272.0	150.2
150	142.7	216.6	268.7	219.6	146.6
160	137.6	181.8	210.5	186.2	141.7
170	136.0	157.7	170.9	157.2	138.7
180	136.0	136.0	136.0	136.0	136.0
DEG	LUMINOUS INTENSITY: cd				

ZONAL LUMENS LUMINANCE cd/(m2)

Y	φ Total	θ(DEG)	c0/180	c90/270
0-10	21.83	85	2408	42710
10-20	89.49	80	2502	22934
20-30	206.0	75	2773	16727
30-40	370.8	70	3012	13714
40-50	574.7	65	3007	11767
50-60	796.0	60	3023	10285
60-70	1005	55	2970	9059
70-80	1171	50	2913	8303
80-90	1289	45	2849	7119
90-100	1432			
100-110	1649			
110-120	1892			
120-130	2015			
130-140	2269			
140-150	2383			
150-160	2457			
160-170	2449			
170-180	2513			
	UNIT: lm			

DISTRIBUTION DIAGRAM

3' / 3500K



Average Beam Angle(50%): 530.3 °

Test Number: LV4-ITW3F
 Lumens: 3802.9 Lm
 Watts: 30 W
 LPW: 129.45 Lm/W
 CCT: 3500K

UNIT: cd
 C0/180,360.0°
 C90/270,340.6°

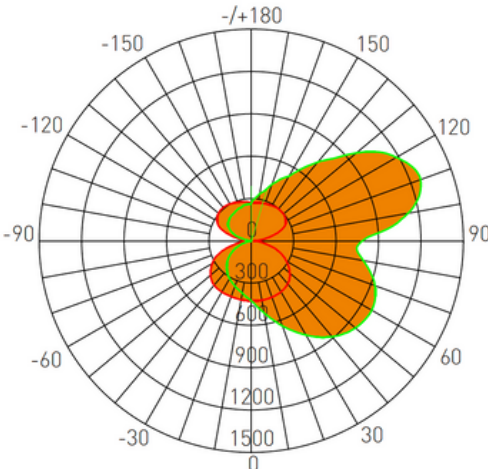
ZONAL FLUX DIAGRAM

Y	C0	C45	C90	C135	C180
10	327.0	376.9	403.0	380.7	331.1
20	322.4	434.5	501.6	445.4	331.2
30	315.6	487.4	610.2	510.0	331.4
40	301.1	528.5	709.0	567.0	324.6
50	270.2	543.4	769.8	594.9	301.4
60	221.4	516.6	789.7	578.0	257.9
70	153.7	452.4	745.3	516.0	185.8
80	65.59	367.1	633.0	419.2	79.22
90	10.93	327.3	611.0	362.3	6.695
100	80.27	458.6	968.4	497.2	74.23
110	173.8	552.4	1072	592.1	171.0
120	215.3	535.8	972.4	568.2	217.3
130	221.6	476.1	757.5	499.7	228.5
140	217.8	391.5	553.5	410.8	227.4
150	211.5	317.5	398.3	327.9	220.8
160	204.9	267.5	309.8	275.7	212.4
170	202.7	231.9	250.9	232.2	207.1
180	202.5	202.5	202.5	202.5	202.5
DEG	LUMINOUS INTENSITY: cd				

ZONAL LUMENS LUMINANCE cd/(m2)

Y	φ Total	G(DEG)	C0/180	C90/270
0-10	31.83	85	3653	67819
10-20	130.3	80	3777	36453
20-30	299.7	75	4161	26822
30-40	540.2	70	4493	21791
40-50	839.9	65	4551	18383
50-60	1170	60	4429	15793
60-70	1491	55	4315	13717
70-80	1752	50	4203	11976
80-90	1943	45	4090	10537
90-100	2176			
100-110	2512			
110-120	2879			
120-130	3197			
130-140	3440			
140-150	3610			
150-160	3721			
160-170	3783			
170-180	3803			
	UNIT: lm			

4' / 3500K



Average Beam Angle(50%): 351.6°

Test Number: LV4-ITW3F
 Lumens: 4876.5 Lm
 Watts: 40 W
 LPW: 125.42 Lm/W
 CCT: 3500K

UNIT: cd
 C0/180,360.0°
 C90/270,343.2°

ZONAL FLUX DIAGRAM

Y	C0	C45	C90	C135	C180
10	428.0	488.8	519.1	489.2	424.6
20	425.5	563.5	640.8	566.9	421.0
30	418.3	636.4	770.2	646.8	419.7
40	399.2	687.5	887.5	708.3	410.5
50	355.2	705.3	961.5	738.4	378.7
60	286.0	663.9	983.1	711.6	320.2
70	195.1	576.6	929.4	637.5	228.5
80	83.96	465.8	803.3	522.3	97.71
90	16.76	414.9	786.3	452.3	7.746
100	104.3	571.3	1124	586.8	92.95
110	223.3	689.7	1273	702.4	214.3
120	281.5	686.0	1185	711.2	280.1
130	297.2	622.0	973.0	648.9	305.1
140	297.6	528.1	729.5	553.2	310.6
150	291.0	433.8	531.8	444.1	303.7
160	281.6	367.9	426.6	380.2	291.7
170	275.5	315.4	340.1	315.9	281.5
180	269.6	269.6	269.6	269.6	269.6
DEG	LUMINOUS INTENSITY: cd				

ZONAL LUMENS LUMINANCE cd/(m2)

Y	φ Total	G(DEG)	C0/180	C90/270
0-10	41.35	85	4834	85979
10-20	169.2	80	4835	46260
20-30	389.0	75	5283	33747
30-40	699.7	70	5703	27174
40-50	1084	65	5816	22872
50-60	1504	60	5720	19661
60-70	1906	55	5627	17062
70-80	2233	50	5526	14958
80-90	2476	45	5412	13157
90-100	2762			
100-110	3174			
110-120	3636			
120-130	4052			
130-140	4379			
140-150	4611			
150-160	4764			
160-170	4850			
170-180	4877			
	UNIT: lm			