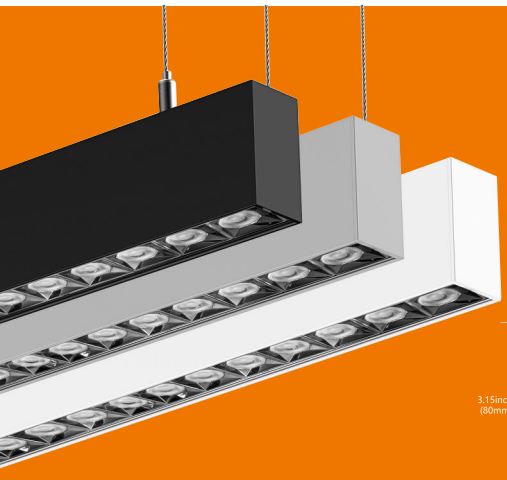
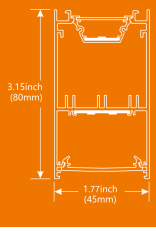
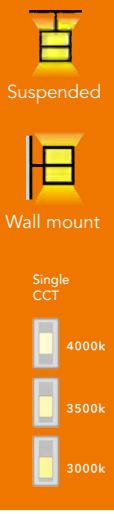
Sense 177

Suspended, Wall mount

WISDOM LIGHT

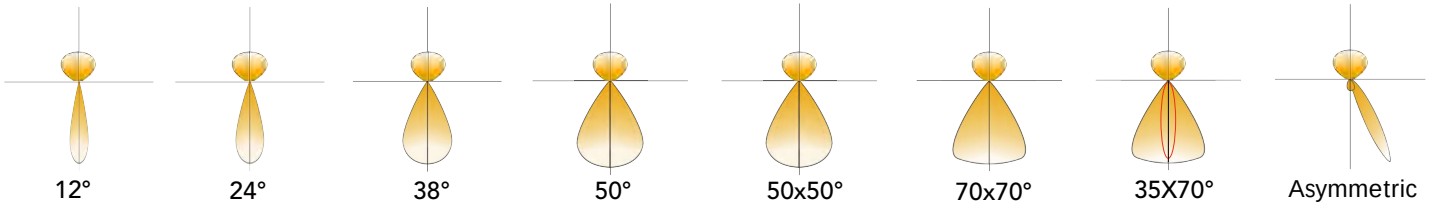






The Sense product line embodies a deliberate, low-glare control system. Its standout feature is the dual-level optical control, providing exceptional visual comfort through both indirect and direct lighting distributions, complete with a built-in programmer. Offering versatility, it comes in sizes of 2',4', 6', 8', and support continuous runs, boasting a diverse array of independently controllable direct/indirect distribution options.
Sense 177 will elevate the user experience without compromising energy efficiency.

Beam Angles



Sense 177	Length	Wattage	Max Output Lumen	Nominal Efficacy	Single CCT	Input Voltage	Dimming	CRI
			Up 30% Down 70%					
WL-MSUD4FT54WADHV	4'	54W	5670lm	105lm/W	3000K 3500K 4000K	AC120-347V	0-10V	Ra>90

Order Guide

Sample Model#: Sense 177 WL-MSUD4FT54WADHV30K-03D-BK-SP

Sense 177	WL-MUSD									
Luminaire ID	Series	Length Pattern	Wattage	Dip-Switch	Dimming	Voltage	CCT	Beam angle	Finish	Installation mode
Sense 177= 1.77"width	WL-MUSD= MUSD Linear Series Up & Down Light	4FT	54W	A=Single CCT, single Watt	D=0-10V	HV=120-347V	30K=3000K 35K=3500K 40K=4000K	012=12° 024=24° 038=38° 050=50° 5050=50*50° 7070=70*70° 3570=35*70° ASY=Asymmetric	BK=Black WH=White SA=Silver CUS=Custom	SP=Suspended aircraft cable SC=Suspended Canopy and aircraft cable WM=Wall Mount

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www.wisdomled.com

Contact us for the latest product information.

Sense 177

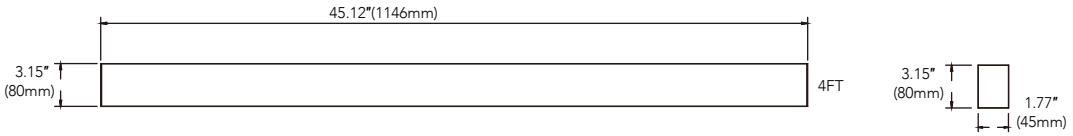
Suspended, Wall mount

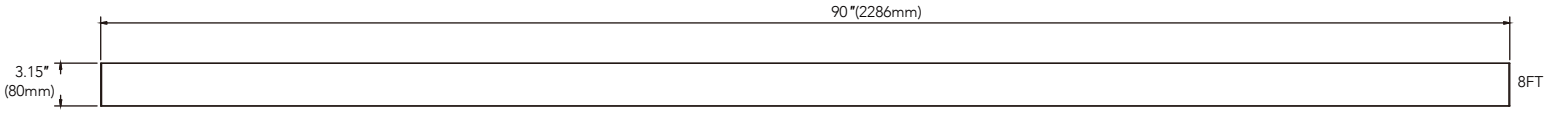
WISDOM LIGHT

Accessories

Lens	Mounting Options	Canopy Type	Canopy Finish	Other Accessories
PCF = PC Flush lens	STA=Aircraft Rope(A type)	SCKA = 5" Canopy	BC = Black Canopy	LBKB = Metal Splice
PCL = PC Louver	SCK=Canopy Pendant	SCKB = 5'' Slim Canopy	WC = White Canopy	MS = Microwave Sensor
	SDS=Drywall Pendant mount	SCKC = 1.7'' Slim Canopy	SC = Sliver Canopy	CBM= Wireless Control Box
	SCS=Drop ceiling Pendant mount			73AC-5C = 7' 5-Core 300V Cable
	WMB=B-type wall mount			76AC-5C = 7' 5-Core 600V Cable
				73AC-6C = 7' 6-Core 300V Cable
				76AC-6C= 7' 6-Core 600V Cable
				LBK = Internal Linkable Cable Kits
				CAC = Convert Cable
				AK = Acoustic Kits
				8EM = 8W Internal EM

Dimension





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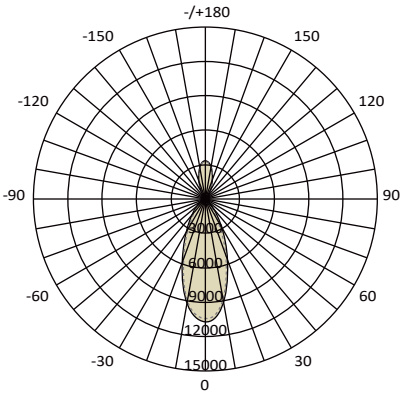
WISDOM LIGHT

Performance

Lens	Lumen output
Up PC Diffuser Down PC Flush lens	1070LM/FT,12.5W/FT

Above are subjuect to 3000K ,white housing & highest Wattage . All efficacy is ±5% base on different CCT and lighting distributions.
For other lens, CCT, housing color etc. please check the IES file to gain

Sense 177-4FT56W-830-WH
Sense 177/4'/56W/RA80/3000K/White



AVERAGE BEAM ANGLE (50%) : 26.9 DEG

Lumen/ft: 1523.15lm/ft
Total Lumens:6092.61 lm(for 4ft)
Input Watts: 52.7W
Efficacy: 115.61lm/W

Zonal Flux Diagram

Y	C0	C45	C90	C135	C180
5	1062	1120	1270	1210	1183
10	524.6	696.8	1113	807.1	613.5
15	229.4	366.9	956.0	429.4	256.9
20	125.0	186.0	799.0	209.7	134.9
25	79.78	104.7	641.9	113.9	81.73
30	55.05	65.13	484.9	69.36	54.27
35	40.14	42.55	327.8	44.02	39.02
40	29.75	28.63	170.8	28.42	28.16
45	21.35	19.50	13.74	19.12	20.20
50	11.38	13.10	12.23	12.71	11.53
55	4.589	8.379	10.71	8.071	4.778
60	2.339	6.596	9.202	6.435	2.339
65	1.342	4.772	7.691	4.686	1.222
70	0.5673	3.196	6.179	3.157	0.3245
75	0.4600	2.058	4.667	1.967	0.0703
80	0.4465	1.297	3.155	1.164	0.0656
85	0.4278	0.7514	1.644	0.5807	0.0673
90	0.4113	0.2947	0.1320	0.0835	0.0653
DEG	LUMINOUS INTENSITY:cd				

Zonal Lumens

Y	Φ zone	Φ total
0-5	306.5	306.5
5-10	689.6	996.1
10-15	740.3	1736
15-20	658.4	2395
20-25	559.3	2954
25-30	457.3	3411
30-35	355.3	3767
35-40	253.4	4020
40-45	150.5	4171
45-50	81.77	4252
50-55	62.99	4315
55-60	49.28	4365
60-65	39.17	4404
65-70	31.07	4435
70-75	23.83	4459
75-80	17.19	4476
80-85	10.72	4487
85-90	4.318	4491

Luminance cd.lm 21

G(DEG)	C0/180	C90/270
85	2454	9430
80	1286	9086
75	889	9016
70	829	9033
65	1588	9099
60	2339	9202
55	4000	9340
50	8850	9510
45	15097	9714

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Sense 177

Suspended, Wall mount

WISDOM LIGHT

Product Specifications

Construction

- Precision cut housing extruded from 6063 aluminum
- Precision cut & welded end-caps ensure a robust and clean construction
- Nominal 2′ 4′ 6′ and 8′ illuminated sections with various connectors for continuous runs and shapes
- Standard white, black, silver and custom powder coat paint

Light Engine

- Standard 3 CCT Selectable options, 3000K/3500K/4000K
- CRI ≥90
- UP &DOWN PROPORTION
- Up 30%,Down 70%

LED Drivers

- Class II UL certified driver
- Traditional electronic drivers are available for 120- 277V and 347V applications

Controls and Integrated Sensors

- Equipped standard with a 0-10V continuous dimming driver. Compatible with most standard dimming devices
- Additional control types are available (DALI & Lutron) at an additional cost

Mounting

- Wall mount
- Suspended



Lengths

- Available in any length (2ft min) with a resolution of 1 foot. Max section length of 12ft (8ft max used on continuous runs and available for individual fixtures)
- Additional fixture lengths are available please consult factory. All lengths are nominal and do not include end caps.
- Corners and other transition pieces are fully luminous
- Constructed using precision mitered housing and lens components
- Consult online linear configurator or the factory for precise corner locations and for ordering

Lumen Maintenance

- 90% (L90) of initial light output at 61,000+ hrs
- 70% (L70) of initial light output at 237,000+ hrs
- Derived from TM-21 standard @25°C for worst case operating conditions

Electrical

- Dimming provided as standard
- Dimming wires capped with wire-nuts for nondimming applications
- Optional battery backup options provided
- Default battery location is internal to fixture
- Default emergency section is 4ft in length and located at the beginning of the fixture unless designated elsewhere
- Estimated lumen output = battery wattage * min efficacy (see performance table)
- The EPC option will bypass local controls and dimming upon loss of normal power. This option is required when the fixture has both integrated sensors and emergency circuiting

Weight

- Approximately 1.3 lbs per foot, Weight may vary depending on mounting and additional options selected

Environment

- Suited for damp location installations.
- Operating temperature range: -25° C to 50° C

Approvals

- ETL - listed for damp locations
- Tested to IESNA LM-79 and LM-80
- Can be used for State of California Title 24 high efficacy luminaire (CRI>90)

Warranty

- Five year warranty standard.

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