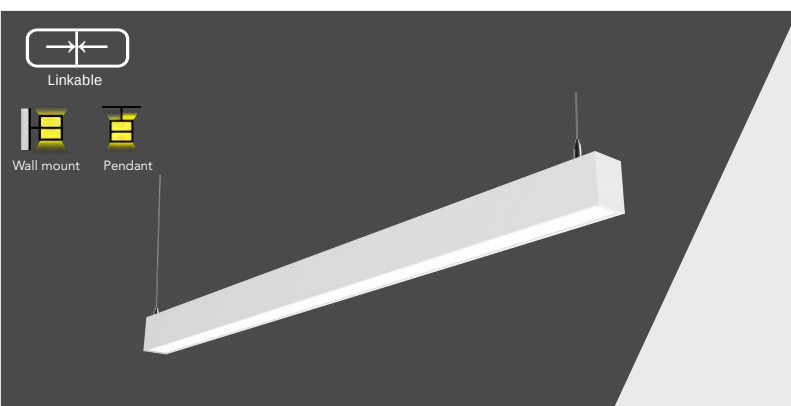


Sense 198

Pendant, Wall Mount

WISDOM LIGHT



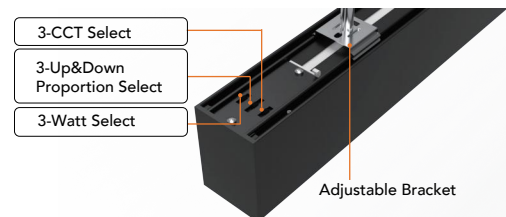
Sense 198 is a 1.97-inch wide economy linear light. This direct and indirect linear light is available in 2FT, 4FT, and 8FT lengths, and can be used for continuous seamless runs to any length. The specific modular design allows for pendant and wall mounting methods. The soft and continuous light makes it an ideal luminaire for commercial, hospitality, and residential interior lighting applications.

PRODUCT FEATURES



- CRI: 80, PF>0.90, UGR<28,
- Independent modular upper luminaries
- E3-series: External dip-switch for 3-CCT, 3-Watt & 3-Proportion select
- Seamless continuous runs or individuals. Linkable as standard
- PC diffuser producing soft light
- Lit-up patterns : " L " " T " " X " shape

Up modular design



Model	Length	Wattage Select	Proportion Select	Lumen	Nominal Efficacy	CCT Select	Input Voltage	Dimming	CRI
WL-17LSUD2FT25WE3DUV (XXK-XXK-XXK)-YY-ZZ	2FT	15W/20W/25W		1575Lm/2100Lm/2625Lm					
WL-17LSUD4FT50WE3DUV (XXK-XXK-XXK)-YY-ZZ	4FT	30W/40W/50W	Up 30%/down 70% & Up50%/down 50% & Up0%&down 100%	3150Lm/4200Lm/5250Lm	105Lm/w	3000K 3500K 4000K	AC120-277V	0-10V (10%-100%)	Ra>80
WL-17LSUD8FT100WE3DUV (XXK-XXK-XXK)-YY-ZZ	8FT	60W/80W/100W		6300Lm/8400Lm/10500Lm					

* Remark: CRI 90 or 125Lm/W are available.
Standard SDCM≤5 (Single CCT) , SDCM≤7 (Mixed CCT) ; SDCM≤3 or SDCM ≤5, are available.

Sense 198

Pendant, Wall Mount

WISDOM LIGHT

Order Guide

Sample Model# : Sense 198-WL-7LSUD2FT25WE3DUV(XXK-XXK-XXK)-YY-ZZ

Sense 198	WL-7LSUD									
Luminaire ID	Mode	Length	Wattage	Series	Dimming	Power Voltage	CCT	Finish	Installation mode	Additional Function
Sense 198	WL-17LSUD	2FT	25W= 15W/20W/25W Select	E3= 3-CCT Select 3-Watt Select 3-up&down proportion	D= 0-10V (10%-100%)	UV= 120-277V	(XXK-XXK-XXK)= (30K-35K-40K)= 3000K/3500K/ 4000KCCT Select	YY= BK=Black WH=White SA=Silver CUS=Custom	ZZ= PD=Pendant WM=Wall Mount	Blank=Non [EM]=Emergency Backup [BM]=Mesh control
		4FT	50W= 30W/40W/50W Select							
		8FT	100W= 60W/80W/100W Select	B2CCT Select, 3Watt Select						

Accessories

MOUNTING ACCESSORIES	CANOPY TYPE	OTHER ACCESSORIES
STF=Aircraft Cable(F type)	SCKA=D5"XH0.8"Canopy	LBKB=Linckble bracket with hook
WMB=B-Type Wall Mount kits	SCKB=D5"XH0.31'Slim Canopy	8EM=8W Internal EM
SMC=Surface Mount bracket	SCKC=D1.7"X0.31" Slim Canopy	MAC=Multi-Directional Power Hamess
	SDS=Drywall Canopy Kits	CBM=Wireless Control Box /Metal
	SCS=Drop ceiling Canopy Kits	Pattern Options
CABLE	CANOPY FINISH	LLS=L-Shape (Lit-Pattern)
73AC-5C=7'5-core 300V Cable	BC=Black	TLS=T-Shape (Lit-Pattern)
73AC-6C=7'6-Core 300V Cable	WC=White	XLS=X-Shape (Lit-Pattern)
	SC=Sliver	

Product Specifications

Construction

- Precision cut housing extruded from 6063 aluminum
- PC end-caps ensure a robust and clean construction
- Nominal 2'- 8' illuminated sections with various connectors for continuous runs and shapes
- Standard white, black, silver and custom powder coating

Light Engine

- Standard 3-CCT Select, 3000K/3500K/4000K, 3500K/4000K/5000K are available
- Standard CRI $R_a \geq 80$, optional $R_a \geq 90$; Standard SDCM ≤ 5 or ≤ 7 SDCM (Mixed CCT); If SDCM ≤ 3 SDCM are available.
- 3-Up&down Proportion select: Up 0%, Down 100%/Up 30%, Down 70%/Up 50%, Down 50%
- 3-Watts select

LED Drivers

- Class II UL certified driver
- Traditional electronic drivers are available for AC120- 277V
- Flicker free $<30\%$, PFC >0.9 , THD $<20\%$

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)

Mounting

- Pendant
- Wall Mount

LINKABLE FUNCTION

- Max number after interconnection
2FT=7 units 4FT=7 units 8FT=4 units
- Total connected load is $<420W$ at 120V & $<960W$ at 277V

Lengths

- Standard 2FT, 4FT, 8FT
- Any length is available, please consult factory.
Corners and Transition Pieces

Corners and Transition Pieces

- Corners and other transition pieces are fully luminous
- Constructed using precision mitered housing and lens components
- Alternative transition pieces such as L's, T's, X's, etc. are also available

Electrical

- 0-10V Dimming provided as standard
- Dimming wires capped with wire nuts for non-dimming applications
- Battery backup options provided
- Default battery location is internal to the fixture
- Default emergency section is from 4ft to 8ft, except 2ft
- Estimated lumen output = battery wattage * nominal efficacy
- 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 1.3lbs per foot, Weight may vary depending on mounting and additional options selected

Environment

- Suited for damp location installations.
- Operating temperature range: $-25^{\circ}C$ to $50^{\circ}C$

Approvals

- ETL - listed for damp locations
- Tested to IESNA LM-79 and LM-80

Warranty

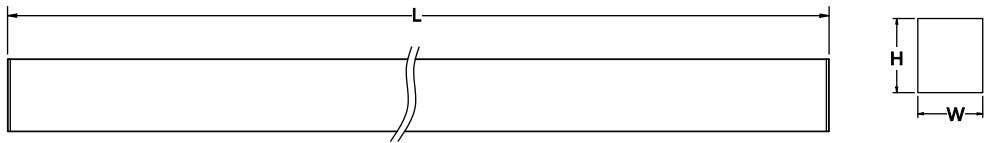
- Five years warranty as standard.

Sense 198

Pendant, Wall Mount

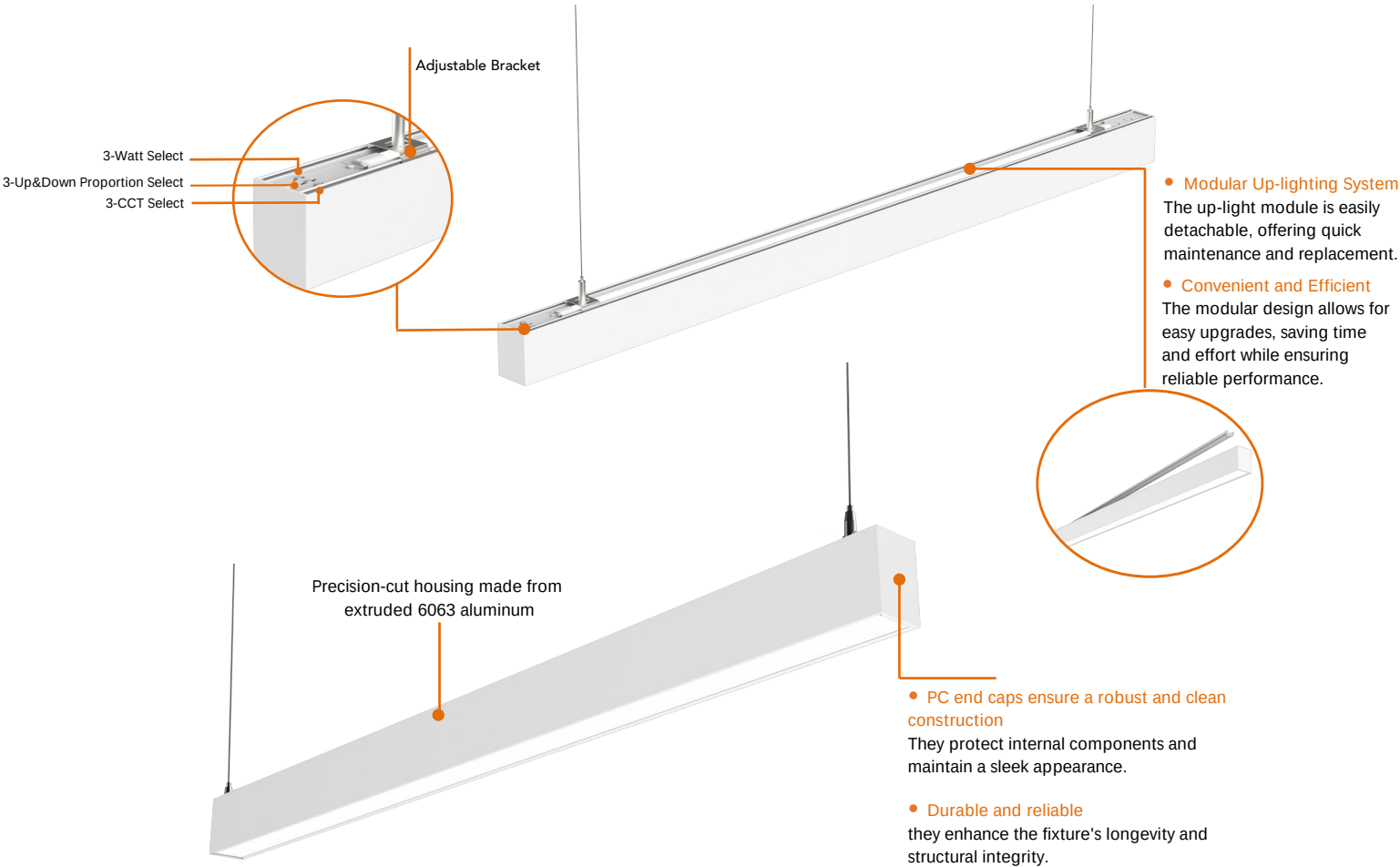


Dimension



MODEL	L=Length	W=Width	H=Height
WL-17LSUD2FT25WE3DUV(XXK-XXK-XXK)-YY-ZZ	23.85"(606mm)	1.97"(50mm)	2.75"(70mm)
WL-17LSD4FT50WE3DUV(XXK-XXK-XXK)-YY-ZZ	47.67"(1206mm)		
WL-17LSD8FT100WE3DUV(XXK-XXK-XXK)-YY-ZZ	94.72"(2406mm)		

Features

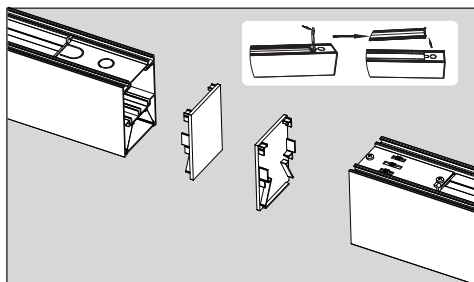


Sense 198

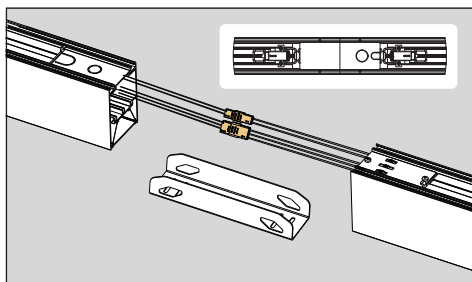
Pendant, Wall Mount

WISDOM LIGHT

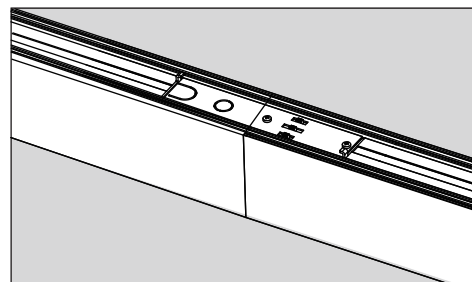
Quick linkable function



Step 1. Remove the end caps and open the upper modular with tool

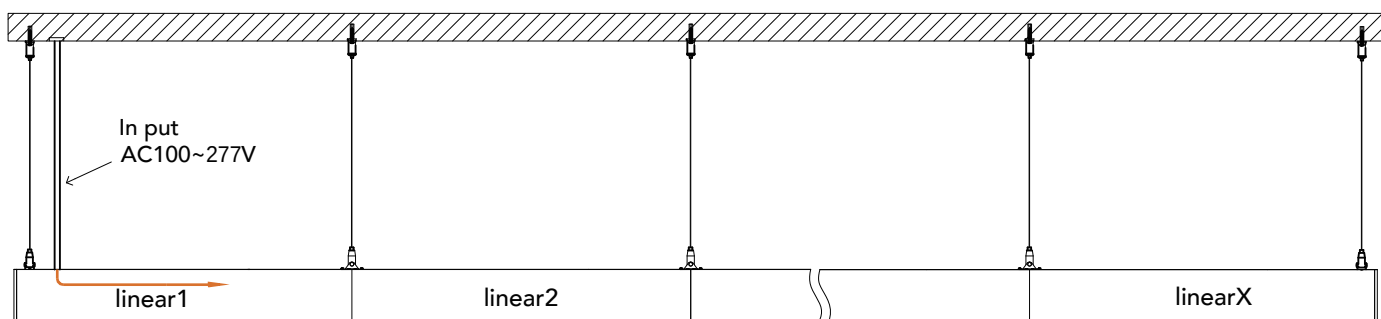


Step2.Insert splicing bracket,Connect wiring via male/female quick connectors, Slide lamp together,and fasten bracket with included buckles

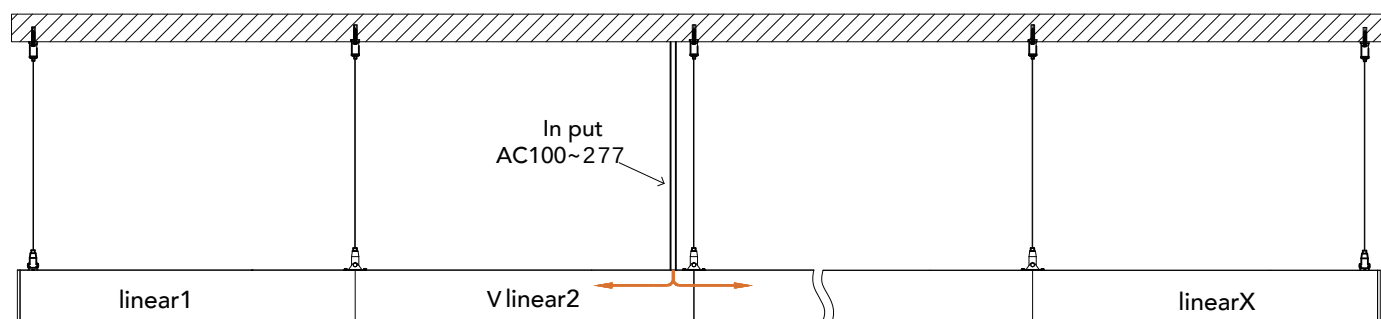


Step 3. Put the upper module assembly back together, and adjustable the aircraft cable to the target position

Single Direction



Multi-Direction



Max number after interconnection 2FT= 7 units 4FT=7 units 8FT=4 units
Total connected load is <420W at 120V & <960W at 277V

* For Multi-Direction wiring requires use of accessory MAC (see page 7)



LBKB(Link Bracket with Hook)

Sense 198

Pendant, Wall Mount

WISDOM LIGHT

Mounting Options

| Pendant

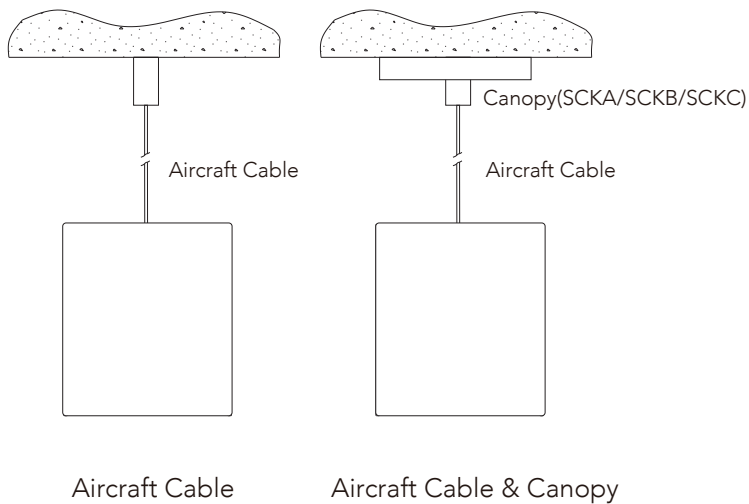


| Wall Mount

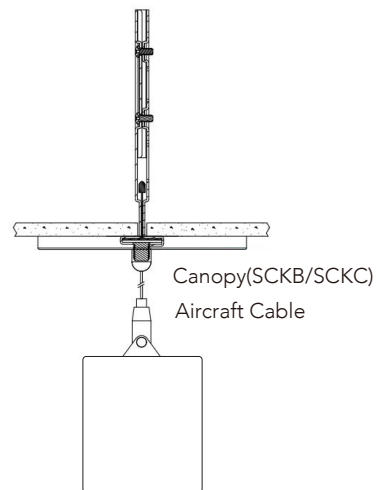


| Pendant

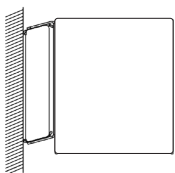
1.1 Dry Ceiling Suspension



1.2 Drop Ceiling Suspension



| Wallmount



2.1 WMB-Wall Mount Kits B-Type

Sense 198

Pendant, Wall Mount

Canopy Type Power feed/None Power feed

SCKA D5"*H0.8"



Non Power feed



Power feed

SCKB Slim D5"*H0.3"



Non Power feed



Power feed

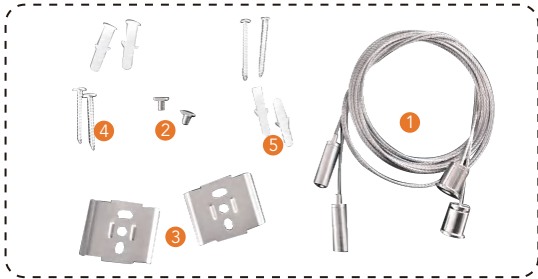
SCKC Slim D1.7"*H0.3"



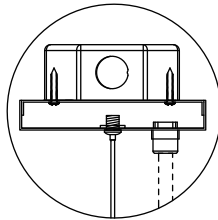
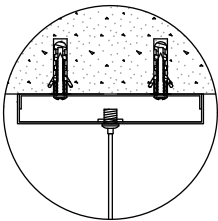
Non Power feed

| STF-Aircraft Cable Kits-F Type

1	F Type Aircraft cable	2PCS
2	T-shaped screw M5*6	2PCS
3	Bracket	2PCS
4	Screw PA4*30	4PCS
5	Plastic Anchor	4PCS



| SCKA-5" Standard Canopy Kits



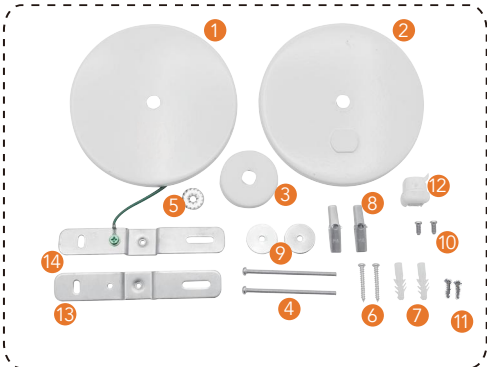
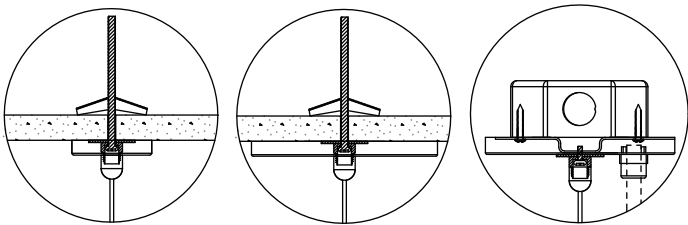
1	Non-power feed round canopy (5 inches)	1PCS	5	Plastic Anchor	1PCS
2	Power feed round canopy (5 inches)	1PCS	6	Screw PA4*30	4PCS
3	U Bracket with Ground	2PCS	7	Screw M4*8	4PCS
4	U Bracket	1PCS	8	Waterproof Connector	1PCS

Sense 198

Pendant, Wall Mount

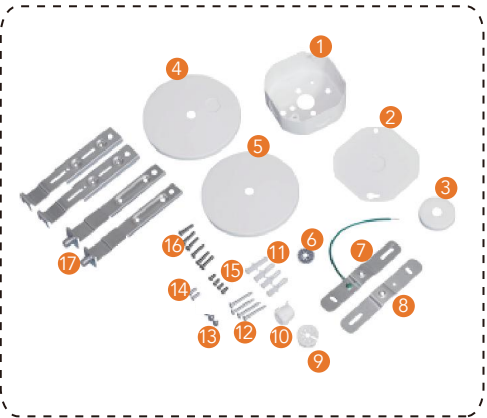
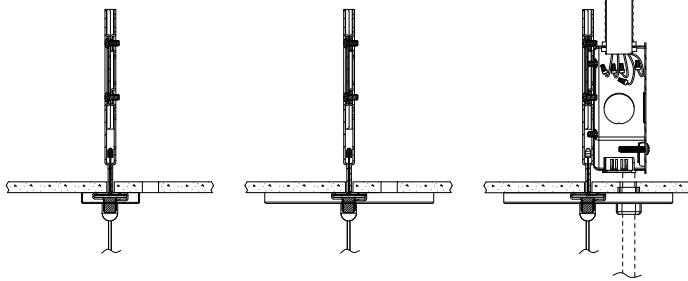
WISDOM LIGHT

| SDS-Drywall Canopy Kits



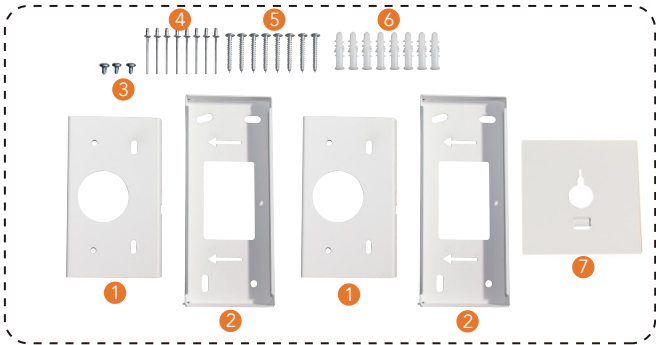
1	5" Slim Canopy (Non-Power feed)	1PCS	4	Screw PM4*70	2PCS	7	Plastic Anchor	4PCS	10	Screw PM4*10	2PCS	13	U Bracket with Ground	1PCS
2	5" Slim Canopy (Power feed)	1PCS	5	Lock Washer	1PCS	8	Butterfly Anchor	2PCS	11	Screw 8#-32*1-3/4	2PCS	14	U Bracket	1PCS
3	1.7" Slim Canopy	1PCS	6	Screw PA4*30	4PCS	9	Flat Washer	2PCS	12	Wire buckle	1PCS			

| SCS-Drop Ceiling Canopy Kits



1	4" J-box	1PCS	5	5" Slim Canopy (Power feed)	1PCS	9	Plastic Grommet	1PCS	13	Screw PB4*5	2PCS	17	T-Grid Clips	2 Sets
2	4" J-box Plate	1PCS	6	Lock Washer	1PCS	10	Wire buckle	1PCS	14	Screw PM4*10	2PCS			
3	1.7" Slim Canopy	1PCS	7	U Bracket with Ground	1PCS	11	Plastic Anchor	4PCS	15	Screw PM4*8	4PCS			
4	5" Slim Canopy (Non-Power feed)	1PCS	8	U Bracket	1PCS	12	Screw BA4*30	4PCS	16	Screw 8-32*1-3/4	6PCS			

| WMB-Wall Mount Kits B-Type



1	B Wall-mount Bracket-1(On fixture)	2PCS	4	Rivet	8PCS	7	Decorative plate	1PCS
2	B Wall-mount Bracket-2(On wall)	2PCS	5	Screw BA4x30MM	8PCS			
3	Screw PM4x6MM	3PCS	6	Plastic Anchor	8PCS			

Product design and development is an ongoing process at Shenzhen Wisdom Light Co.,Ltd.

We reserve the right to change specifications.

Sense 198

Pendant, Wall Mount

WISDOM LIGHT

Accessories

Lit-Pattern Connectors



LLS(L-Shape)

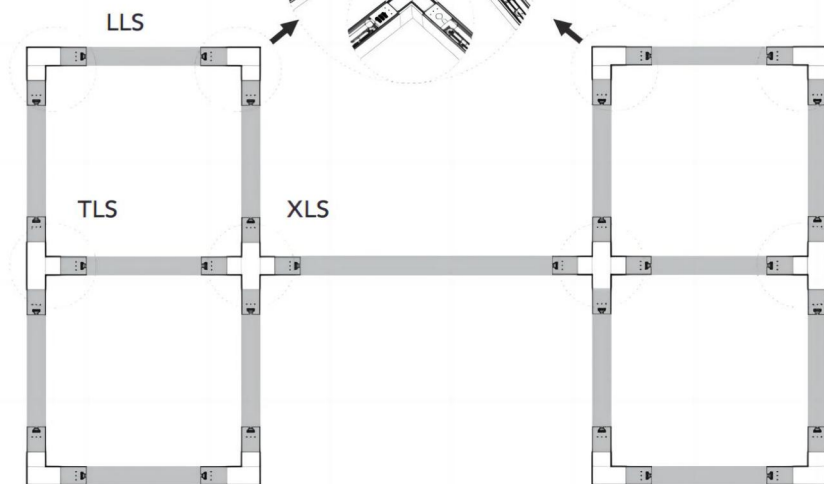


TLS(T-Shape)



XLS(X-Shape)

Example for lit-pattern



Wire accessories



3AC-5C: 5-Cores 300V

3AC-6C: 6-Cores 300V



MAC(Multi-direction harness)

Wire Harness Kit for Mulidirectional Power feed.
Used in conjunction with an input power cord,
when the feed location is in center of run.

Emergency Backup



8EM(8W EM) Internal



CBM(Wireless Control Box /Metal)

Sense 198

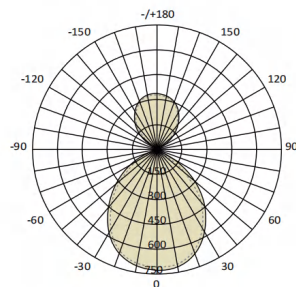
Pendant, Wall Mount

WISDOM LIGHT

Housing & CCT	Lumen output		
	UP 0% Down 100%	UP 30% Down 70%	UP 50% Down 50%
White & 3000K	1438LM/FT,12.5W/FT	1480LM/FT,12.5W/FT	1460LM/FT,12.5W/FT

All efficacy is $\pm 5\%$ base on different CCT and housing finish. For other CCT, housing finish please check the IES file to gain the accurate data.

Sense-198-2FT25W-840-WH30
Sense-198/2'/25W/RA80/4000K/White/Up30%,Down 70%



AVERAGE BEAM ANGLE (50%): 107.3 DEG

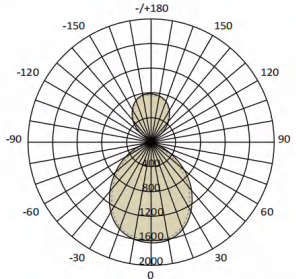
Lumen/ft:1449.20lm/ft
Total Lumens:2898.41lm(for 2ft)
Input Watts:25.4W
Efficacy:114.11lm/W

Zonal Flux Diagram					
Y	C0	C45	C90	C135	C180
10	718.3	715.3	709.9	710.0	709.1
20	676.7	671.1	659.5	658.6	659.7
30	609.2	602.2	584.8	585.0	586.3
40	522.3	512.3	492.6	491.6	494.6
50	417.4	409.8	387.6	386.7	386.4
60	303.8	297.3	277.1	272.7	271.2
70	188.3	182.6	166.2	159.8	155.6
80	77.04	74.67	63.01	55.43	46.87
90	8.363	10.04	1.878	2.427	0.8131
DEG	LUMINOUS INTENSITY:cd				

Zonal Lumens		
Y	Φ zone	Φ total
0-10	69.06	69.06
10-20	196.6	265.6
20-30	294.4	560.0
30-40	349.5	909.5
40-50	356.3	1266
50-60	315.2	1581
60-70	235.0	1816
70-80	131.2	1947
80-90	31.00	1978

Luminance cd./lm 21		
G(DEG)	C0/180	C90/270
85	5053	3369
80	7042	5760
75	8062	6890
70	8739	7712
65	9255	8324
60	9645	8797
55	9983	9201
50	10308	9572
45	10614	9913

Sense-198-4FT50W-840-WH-30
Sense-198/4'/50W/RA80/4000K/White/Up30%,Down 70%



AVERAGE BEAM ANGLE (50%): 107.4 DEG

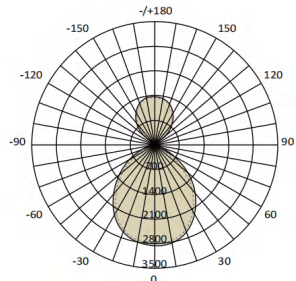
Lumen/ft:1467.75lm/ft
Total Lumens:5871.02lm(for 4ft)
Input Watts:50.3W
Efficacy:116.72lm/W

Zonal Flux Diagram					
Y	C0	C45	C90	C135	C180
5	1645	1607	1586	1588	1618
10	1631	1565	1531	1528	1579
15	1601	1513	1476	1462	1526
20	1555	1456	1421	1389	1448
25	1494	1392	1366	1297	1332
30	1417	1323	1312	1190	1238
35	1330	1249	1257	1095	1140
40	1231	1173	1202	1010	1031
45	1123	1095	1147	929.1	914.4
50	1003	1017	1025	846.9	793.4
55	878.0	936.1	902.9	764.7	668.7
60	748.2	799.4	780.9	639.9	541.9
65	616.3	665.0	658.9	520.8	415.6
70	481.4	534.7	536.8	406.8	291.7
75	350.4	408.4	414.8	297.3	172.9
80	223.7	285.3	292.8	193.4	60.06
85	103.6	165.2	170.8	95.40	4.962
90	9.906	46.94	48.73	0.8755	9.814
DEG	LUMINOUS INTENSITY:cd				

Zonal Lumens		
Y	Φ zone	Φ total
0-5	38.58	38.58
5-10	112.4	151.0
10-15	180.0	331.0
15-20	239.8	570.8
20-25	289.8	860.6
25-30	329.4	1190
30-35	359.3	1549
35-40	379.2	1928
40-45	389.1	2318
45-50	386.8	2704
50-55	368.9	3073
55-60	338.7	3412
60-65	298.5	3710
65-70	250.8	3961
70-75	198.3	4160
75-80	143.4	4303
80-85	88.68	4392
85-90	36.46	4428

Luminance cd./lm 21		
G(DEG)	C0/180	C90/270
85	15239	25118
80	16519	21616
75	17355	20548
70	18046	20123
65	18696	19988
60	19185	20023
55	19624	20182
50	20012	20443
45	20354	20796

Sense-198-8FT100W-840-WH-30
Sense-198/8'/100W/RA80/4000K/White/Up30%,Down 70%



AVERAGE BEAM ANGLE (50%): 108.6 DEG

Lumen/ft:1466.04lm/ft
Total Lumens:11728.32lm(for 8ft)
Input Watts: 99.3W
Efcacy:118.11lm/W

Zonal Flux Diagram					
Y	C0	C45	C90	C135	C180
10	3236	3246	3245	3246	3212
20	3046	3063	3069	3059	2997
30	2741	2772	2772	2763	2678
40	2347	2387	2392	2379	2274
50	1874	1938	1939	1928	1792
60	1353	1432	1449	1422	1273
70	824.3	907.9	934.4	900.0	749.1
80	323.9	405.4	445.4	399.6	248.9
90	10.14	18.71	20.00	16.98	3.873
DEG	LUMINOUS INTENSITY:cd				

Zonal Lumens		
Y	Φ zone	Φ total
0-10	244.3	244.3
10-20	695.8	940.1
20-30	1044	1985
30-40	1244	3229
40-50	1274	4502
50-60	1134	5636
60-70	851.7	6488
70-80	484.2	6972
80-90	115.6	7087

Luminance cd./lm 21		
G(DEG)	C0/180	C90/270
85	311.4	311.4
80	887.2	1199
75	1331	2530
70	1586	4116
65	1624	5740
60	1446	7186
55	1086	8272
50	617.7	8889
45	147.9	9037

Product design and development is an ongoing process at Shenzhen Wisdom Light Co.,Ltd.

We reserve the right to change specifications.

10/ 10

FILE NAME: Sense 198
Mar 01, 2025

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Email. sales@wisdomled.net
www.wisdomled.com

Contact us for the latest product information.