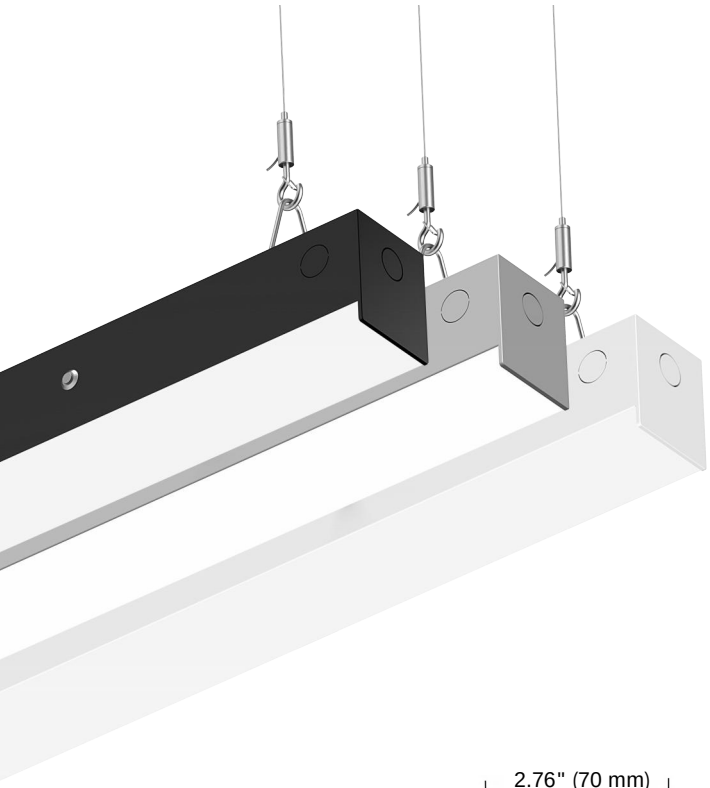
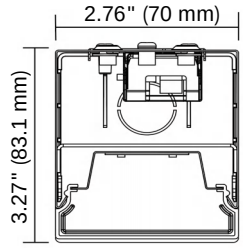
Dense 287

GEN 24 Bottom-removable optical cover design

WISDOM LIGHT





APPLICATIONS

Modern, high-efficiency lighting designed for Offices, Schools, and Retail environments. Perfect for spaces requiring seamless, long-run lighting layouts.

CONSTRUCTION

- Durable Housing: 0.8mm cold-rolled steel with a premium matte finish.
- Glo-Lens Design: Snap-on three-sided luminous lens for a wide, seamless glow.
- Tool-Free Service: Lens and internals can be removed directly from below for effortless maintenance.

MOUNTING

- Pendant Mount
- Surface Mount
- Recessed Mount



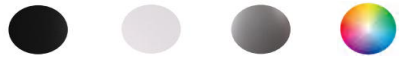
MODES & CONTROLS

- 3-step selectable wattage per fixture size.
- 3 selectable CCTs (3000K /3500K / 4000K).
- Smart Add-ons: Supports integrated Microwave Sensors and Emergency Battery.
- Pro Dimming: Standard 0-10V flicker-free dimming (1%-100%).

RATINGS & WARRANTY

Designed for indoor use; rated lifespan >100,000 hours (L90).
5-year limited product warranty.

HOUSING FINISHES



Matt Black Matt White Matt Silver Custom color

KEY FEATURES



SPECIFICATION

Model	Dimension	Watt Select	Lumens	Efficacy	CCT Select	Voltage	Dimming	CRI
WL-24LSD2FT20WB1D1HV (30K-35K-40K)-YY-ZZ	2FT	10W/15W/20W	1400Lm/2100Lm/2800Lm	140 Lm/W	3000K/ 3500K/ 4000K Select	AC120-347V	0-10V (1%-100%)	Ra>80
WL-24LSD4FT40WB1D1HV (30K-35K-40K)-YY-ZZ	4FT	20W/30W/40W	2800Lm/4200Lm/5600Lm					
WL-24LSD8FT80WB1D1HV (30K-35K-40K)-YY-ZZ	8FT	40W/60W/80W	5600Lm/8400Lm/11200Lm					

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GEN 24 Bottom-removable optical cover design

WISDOM LIGHT

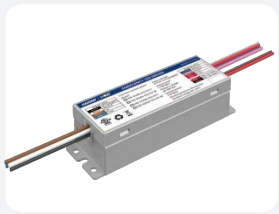
ORDERING INFORMATION

EXAMPLE: WL-24LSD4FT40WB1D1HV(30K-35K-40K)-YY-ZZ

Brand & Product	Dimension	Wattage	Series	Dimming	Voltage	CCT	Finish	Installation Mode
WL-24LSUD= Wisdom Light's GEN24 Linear Light	2FT 4FT 8FT	20W=10W/15W/20W 40W=20W/30W/40W 80W=40W/60W/80W	B1= 3CCT Select, 3Watt Select (nternal dip-switch)	D1= 0-10V (1-100%)	HV= 120-347V	(30K-35K-40K)= 3000K/3500K/ 4000K Select	YY= BK=Matt Black WH=Matt White SA=Matt Silver CS=Custom	ZZ= SP= Pendant Mount SM=Surface Mount RS=Spring clip recessed

ACCESSORIES

CABLE	MOUNTING ACCESSORIES	CANOPY TYPE	OTHER
6AC=7'5-Core 600V Cable	SUM= Surface Mount Kits	STC=Aircraft Cable Kits-C Type	7EM = 7W Internal Emergency Backup
6AC6=7'6-Core 600V Cable	STC-Aircraft Cable Kits-C		MS = Microwave sensor (Internal)
3AC=7'5-Core 300V Cable	RMC-Recessed Mount Spring Clips		PS-MSC = PIR Sensor remote controller
3AC6=7'6-Core 300V Cable	RML- C-Type/Flangeless Recessed Mount		COP = Connection Plate for 180° linear and 90° corner linkage



7EM =
7W Internal Emergency Backup



MS =
Microwave sensor (Internal)



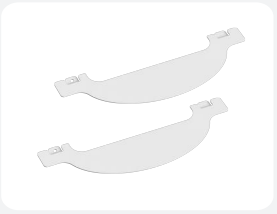
PS-MSC =
PIR Sensor remote controller



COP = Connection Plate for 180° linear and 90° corner linkage



6AC=7'5-Core 600V Cable
6AC6=7'6-Core 600V Cable
3AC=7'5-Core 300V Cable
3AC6=7'6-Core 300V Cable



OBC=
Octagon Box Decorative Cover
(Included as Standard)

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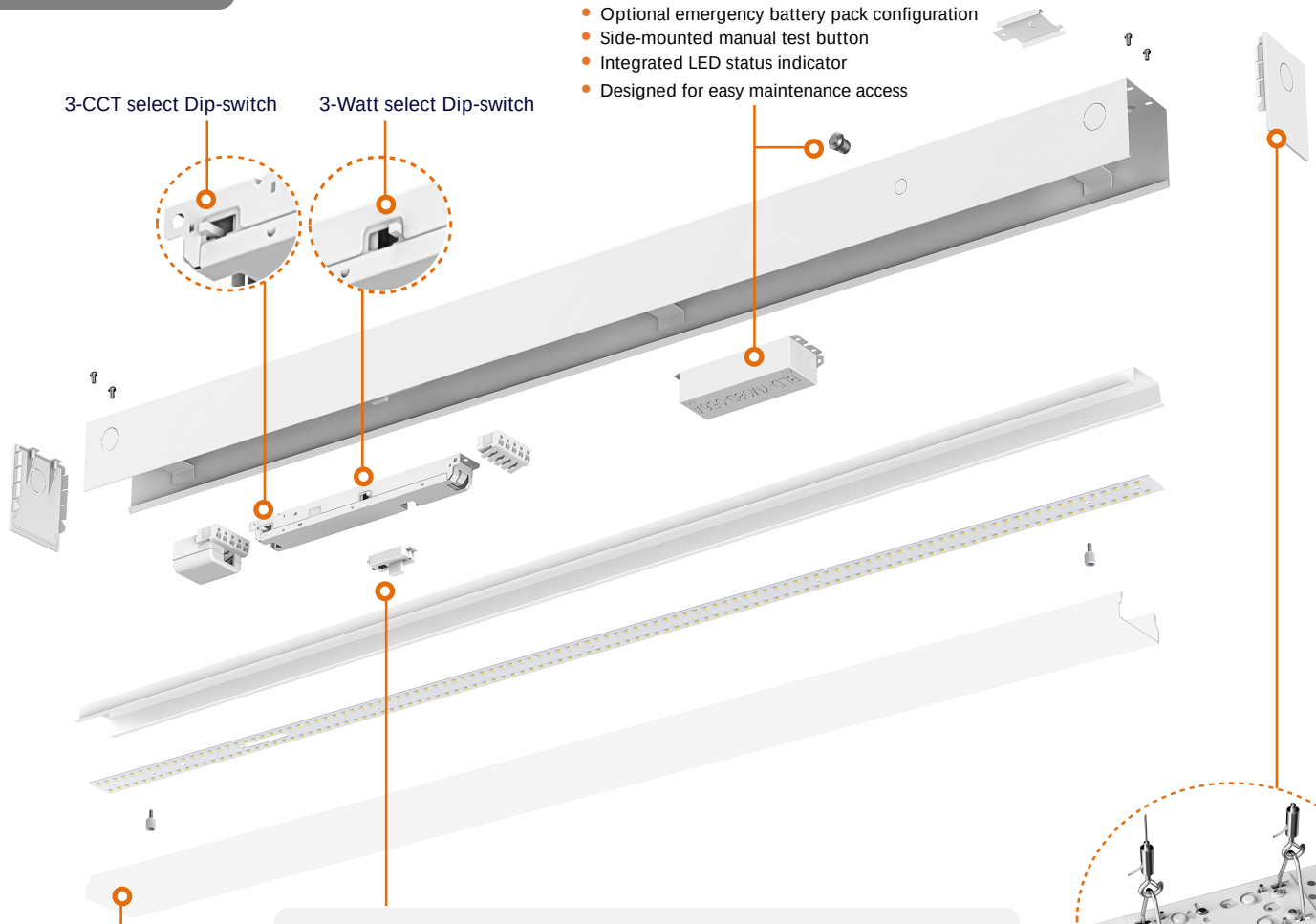
GEN 24 Bottom-removable optical cover design

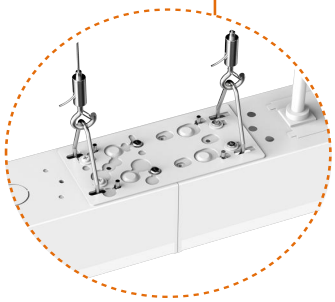
WISDOM LIGHT

FEATURES

EMERGENCY OPTION

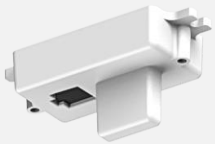
- Optional emergency battery pack configuration
- Side-mounted manual test button
- Integrated LED status indicator
- Designed for easy maintenance access





SEAMLESS LINEAR EXTENSION

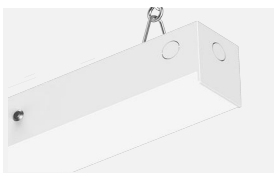
MICROWAVE SENSOR



- Compact sensor design reduces fixture cutouts and simplifies installation.
- 3-stage dimming with daylight sensing for energy saving and comfortable illumination.
- Reliable detection at heights up to 6 m (19.7 ft), suitable for higher ceiling applications.

OPTICAL SYSTEM

- Glo-Lens delivers soft, uniform illumination with enhanced visual comfort.
- Bottom-access design allows quick removal for installation and maintenance.



Assembled



Bottom Access

LINKAGE PLATE

- Dual-angle Connection:One linkage plate supports both 180° linear and 90° corner connections.
- Linear Expansion:Creates continuous straight runs for seamless linear lighting layouts.
- Corner Flexibility:Enables smooth corner transitions for L-shaped and custom layouts.
- Simplified Hardware:Reduces accessory types while improving installation efficiency.



90° CORNER CONFIGURATION

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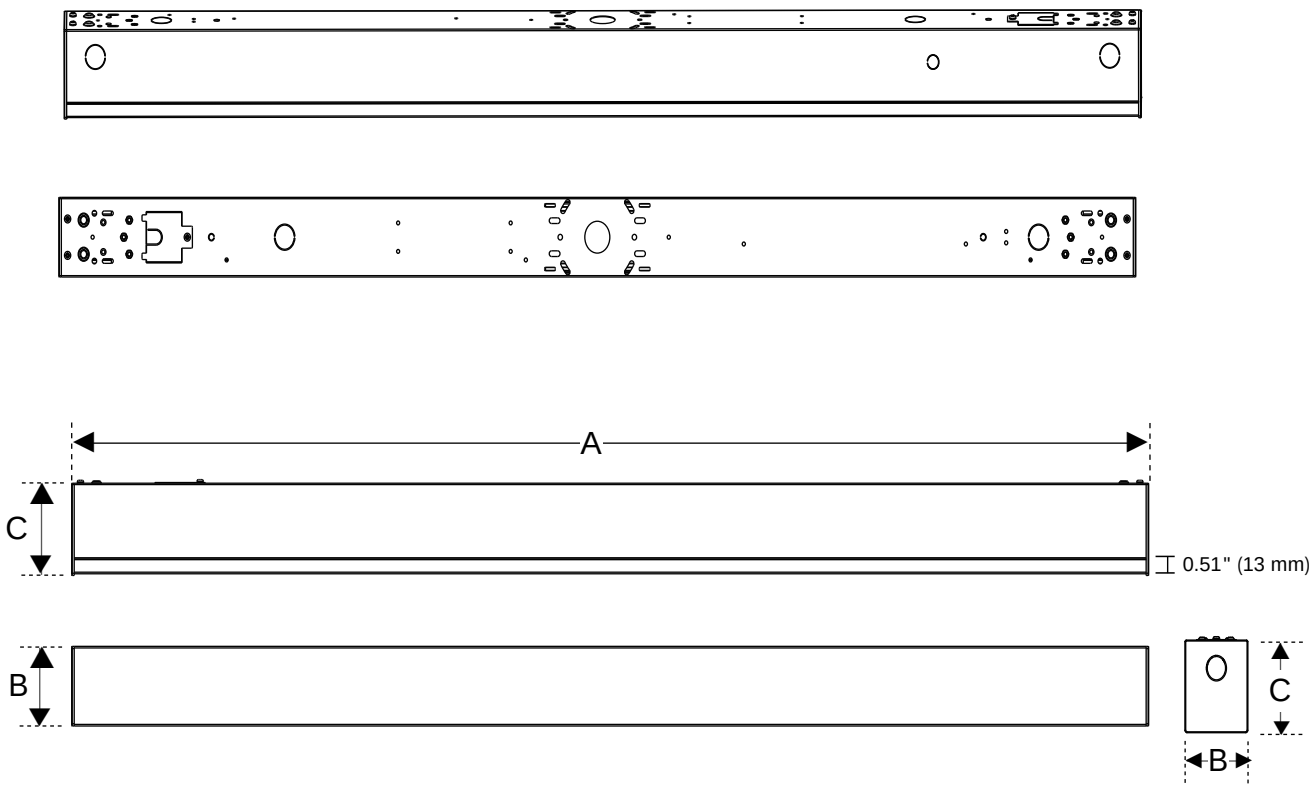
Contact us for the latest product information.

Dense 287

GEN 24 Bottom-removable optical cover design

WISDOM LIGHT

DIMENSION

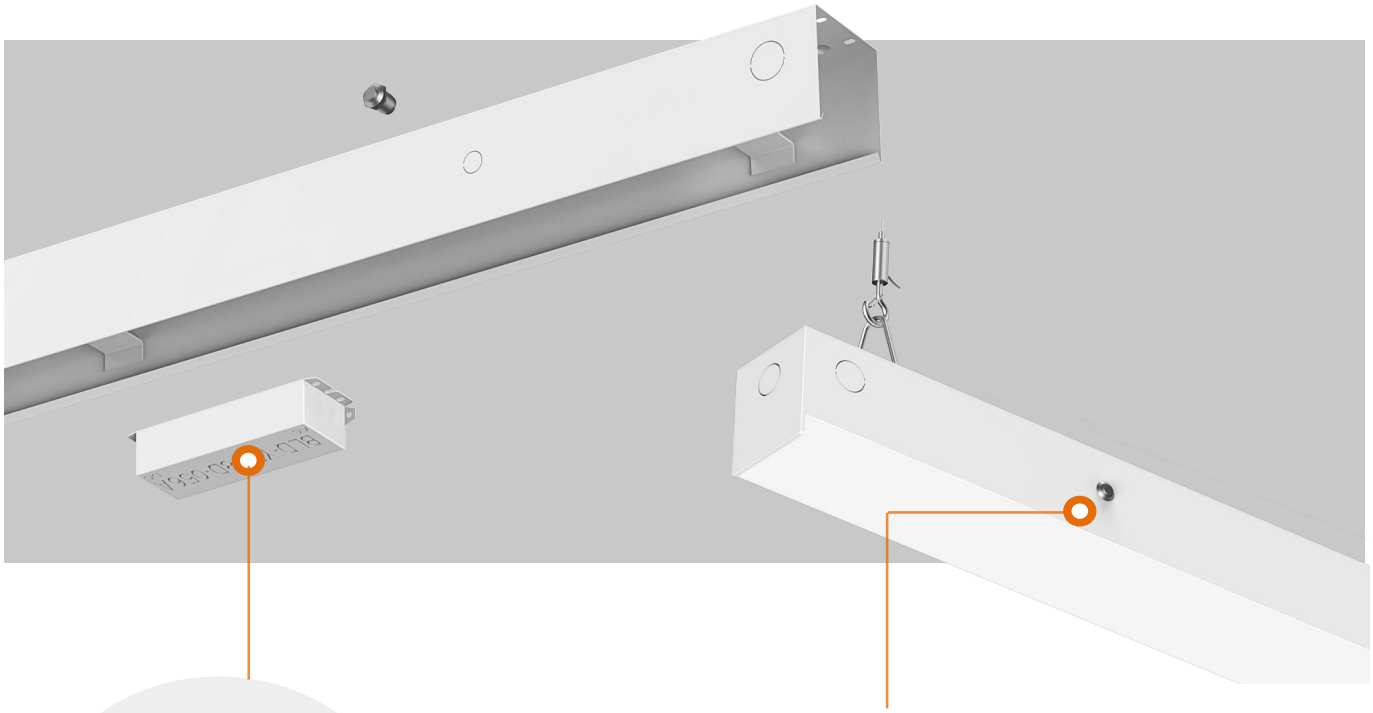


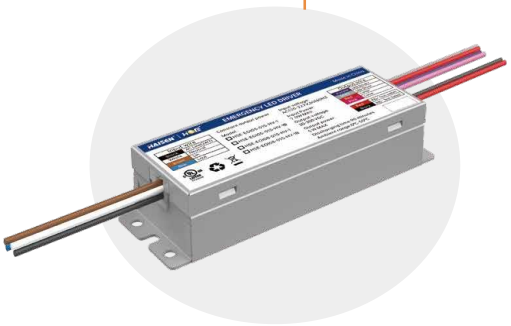
MODEL	A Length	B Width	C Height (with Glo-Lens)
WL-24LSD2FT20W	23.84" (605.6 mm)	2.76" (70 mm)	3.27" (83.1 mm)
WL-24LSD4FT40W	47.46" (1205.6 mm)	2.76" (70 mm)	3.27" (83.1 mm)
WL-24LSD8FT80W	94.71" (2405.6 mm)	2.76" (70 mm)	3.27" (83.1 mm)

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Emergency Power System Detail (Optional)





Integrated Test Button & LED Indicator

Note: The test button is conveniently side-mounted on the fixture for easy access and real-time monitoring.

Indicator Status	Working Status
ON (Solid)	Charging or Fully Charged
OFF	Emergency Mode / Discharged
Flashing	Malfunction (Battery/Load/Circuit error)

Technical Overview

Standard Configuration: 8W Constant Power Output

Emergency Duration: 90 Minutes.

Universal Input: 120-347V AC, 50/60Hz.

Self-Diagnostic Function: Includes monthly and annual automatic self-tests.

Manual Operation Guide

Initial Test (Manual):
Press and hold the test button to enter emergency mode immediately.

Reset/Stop:
In emergency mode, press and hold the button for 5 seconds to turn off the battery pack.

Force Self-Test:
Press the test button 5 times within 5 seconds to trigger a manual self-test.

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GEN 24 Bottom-removable optical cover design

WISDOM LIGHT

MOUNTING & ACCESSORIES

Canopy Type Power feed/None Power feed

SCKB Slim D5"*H0.3"



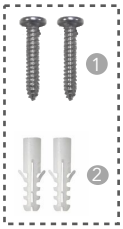
Non Power feed



Power feed

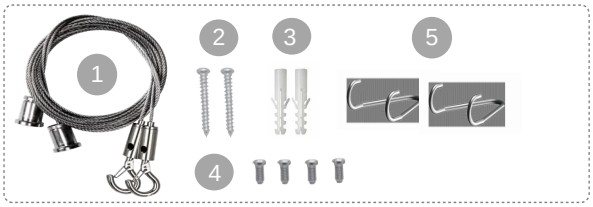
1.0 SUM= Surface Mount Kits





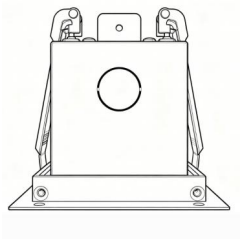
1	Plastic Anchor	2PCS	2	Screw PA4*30	2PCS

1.1 STC-Aircraft Cable Kits-C Type

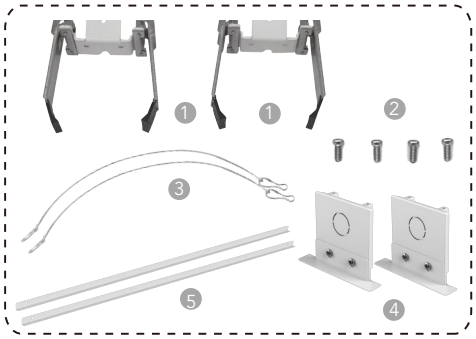


1	C Type Aircraft Cable	2PCS	3	Plastic Anchor	2PCS
2	Screw BA4*30	2PCS	4	Screw PM4*8	4PCS
5	V-Hook	2PCS			

1.2 RMC-Recessed Mount Spring Clips

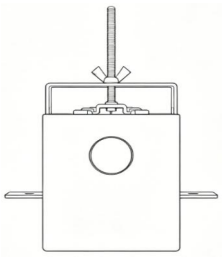




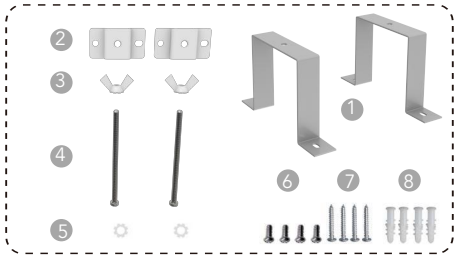


1	Fixture Spring Clips	2PCS (4') 3PCS (8')	2	Screw PA4*6	4PCS (4') 6PCS (8')	3	Safety Cable	2PCS (4') 3PCS (8')	4	Recessed End cap with short flange (On fixture)	2PCS	5	Long Side flange	2PCS

1.3 RML- C-Type/Flangeless Recessed Mount







1	U Bracket	2PCS	2	Fixed Bracket	2PCS	3	M5 Wing nut	2PCS	4	Screw PM5*50	2PCS
5	Lock Washer	2PCS	6	Screw PM4*8	4PCS	7	Screw PA4*30	4PCS	8	Plastic Anchor	4PCS

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GEN 24 Bottom-removable optical cover design

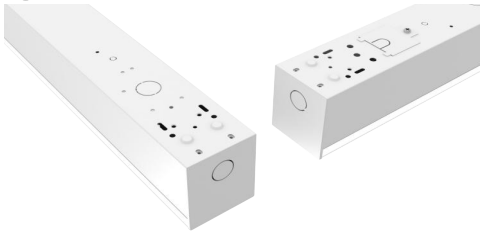
WISDOM LIGHT

UNIVERSAL LINKING SYSTEM

Single-plate design supports both 180° linear and 90° L-shaped configurations, enabling versatile fixture layouts with simplified hardware.

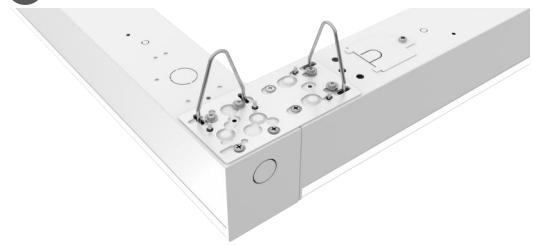
L-SHAPED CONNECTION INSTALLATION

01



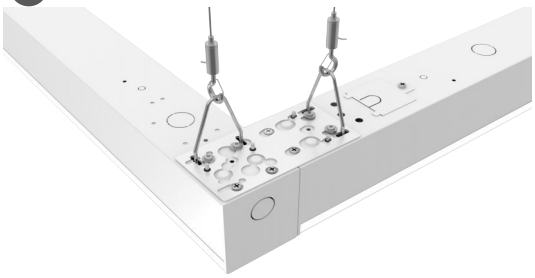
Align the end caps of two fixtures to form an L-shaped layout.

02



Place the L-shaped connection plate on top of the fixtures and align it with the mounting holes. Insert the V-hook through the aligned holes, then secure the connection plate to the fixtures with screws.

03



Attach the C-Type aircraft cable clasp to the V-hook.

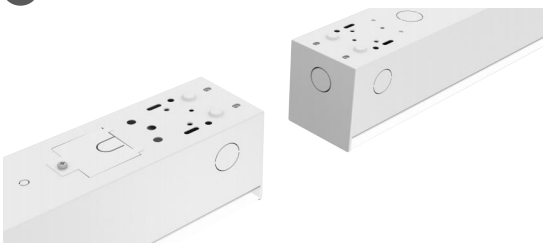
04



90° L-Shaped Installed View

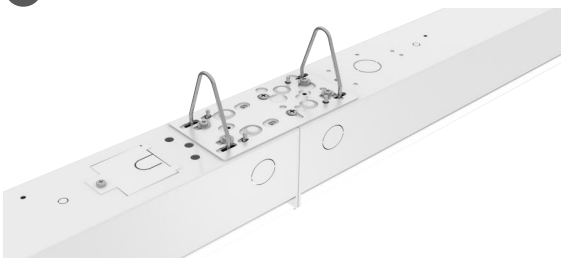
I-SHAPED CONNECTION INSTALLATION

01



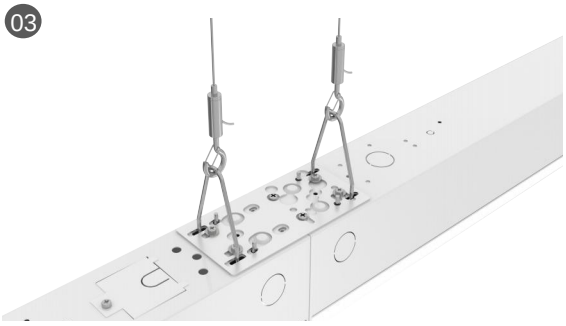
Align the end caps of two fixtures to form a straight-line layout.

02



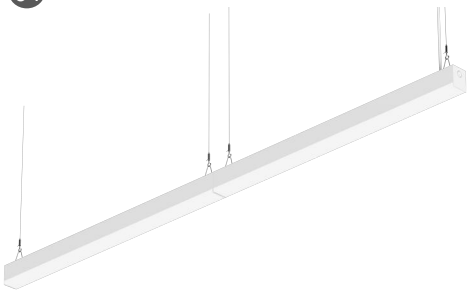
Place the connection plate on top of the fixtures and align it with the mounting holes. Insert the V-hook through the aligned holes, then secure the connection plate to the fixtures with screws.

03



Attach the C-Type aircraft cable clasp to the V-hook.

04



180° Linear Installed View

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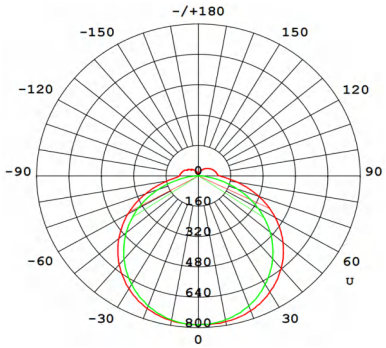
Dense 287

GEN 24 Bottom-removable optical cover design

WISDOM LIGHT

LED Linear Light

GEN24-WL-24LSD-4FT/20W/RA80/3500K/White



AVERAGE BEAM ANGLE(50%):118.5 DEG

NOMINALFLUX(lm):2710.19,NOMINAL POWER(W):20W,Imax(cd):786.5,Efficay:145.71Lm/W

Zonal Flux Diagram

γ	C0	C45	C90	C135	C180
10	779.7	776.6	769.5	774.3	774.0
20	756.6	747.0	728.5	740.5	744.1
30	706.9	691.2	659.2	683.9	686.6
40	637.7	616.9	571.4	602.7	610.5
50	545.8	521.3	462.2	505.6	513.7
60	438.5	408.1	338.7	390.0	403.7
70	318.2	283.4	205.0	263.4	279.0
80	193.9	157.0	73.95	136.7	159.9
90	103.9	69.81	0.3242	62.66	94.90
DEG	LUMINOUSINTENSITY:cd/klm				

Zonal Lumens

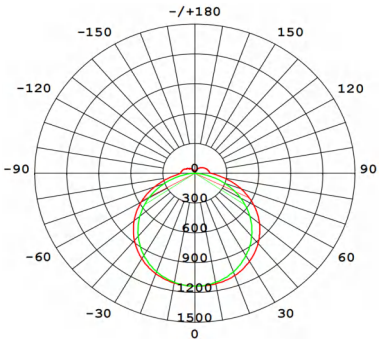
γ	Φzone	Φtotal
00-10	74.44	74.44
10-20	214.8	289.3
20-30	329.3	618.6
30-40	403.2	1022
40-50	427.9	1450
50-60	399.8	1849
60-70	322.4	2172
70-80	208.2	2380
80-90	96.82	2477
UNIT:lm/klm		

LUMINANCE cd/(m2)

G(DEG)	C0/180	C90/270
85	10237	1763
80	7078	2696
75	6243	3362
70	5896	3795
65	5700	4090
60	5559	4289
55	5446	4446
50	5382	4552
45	5320	4647

LED Linear Light

GEN24-WL-24LSD-4FT/30W/RA80/3500K/White



AVERAGE BEAM ANGLE(50%):118.4 DEG

NOMINALFLUX(lm):3922.2,NOMINAL POWER(W):30W,Imax(cd):1137,Efficay:143.67Lm/W

Zonal Flux Diagram

γ	C0	C45	C90	C135	C180
10	1130	1123	1115	1120	1122
20	1094	1081	1057	1074	1076
30	1023	1003	956.0	987.8	993.2
40	920.0	893.6	827.8	876.2	884.2
50	790.9	755.1	671.7	731.4	743.7
60	634.9	592.1	492.0	566.7	584.6
70	461.1	411.0	298.5	382.5	404.1
80	280.8	226.9	107.2	201.2	231.6
90	150.2	100.9	0.4365	91.00	137.5
DEG	LUMINOUSINTENSITY:cd/klm				

Zonal Lumens

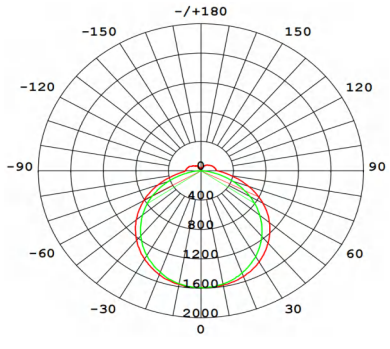
γ	Φzone	Φtotal
00-10	107.7	107.7
10-20	310.8	418.5
20-30	476.4	895.0
30-40	583.4	1478
40-50	619.0	2097
50-60	578.5	2676
60-70	466.4	3142
70-80	301.4	3444
80-90	140.5	3584
UNIT:lm/klm		

LUMINANCE cd/(m2)

G(DEG)	C0/180	C90/270
85	14767	2573
80	10226	3913
75	9049	4890
70	8526	5532
65	8212	5953
60	8031	6238
55	7888	6454
50	7782	6625
45	7678	6752

LED Linear Light

GEN24-WL-24LSD-4FT/40W/RA80/3500K/White



AVERAGE BEAM ANGLE(50%):118.1 DEG

NOMINALFLUX(lm):5477.92,NOMINAL POWER(W):40W,Imax(cd):1593,Efficay:140.82Lm/W

Zonal Flux Diagram

γ	C0	C45	C90	C135	C180
10	1577	1573	1565	1574	1567
20	1532	1517	1478	1501	1504
30	1432	1401	1348	1384	1389
40	1286	1248	1164	1224	1233
50	1099	1056	945.4	1025	1041
60	877.9	828.5	692.7	791.5	814.3
70	625.5	575.6	417.1	534.0	565.9
80	374.9	316.9	149.5	281.9	323.4
90	204.4	145.3	0.6199	127.3	194.4
DEG	LUMINOUSINTENSITY:cd/klm				

Zonal Lumens

γ	Φzone	Φtotal
00-10	150.8	150.8
10-20	435.2	586.0
20-30	666.1	1252
30-40	815.9	2068
40-50	865.6	2934
50-60	808.7	3742
60-70	650.3	4393
70-80	418.4	4811
80-90	195.4	5007
UNIT:lm/klm		

LUMINANCE cd/(m2)

G(DEG)	C0/180	C90/270
85	20014	3640
80	13682	5445
75	12166	6832
70	11592	7716
65	11329	8301
60	11129	8764
55	10993	9076
50	10839	9305
45	10749	9467

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