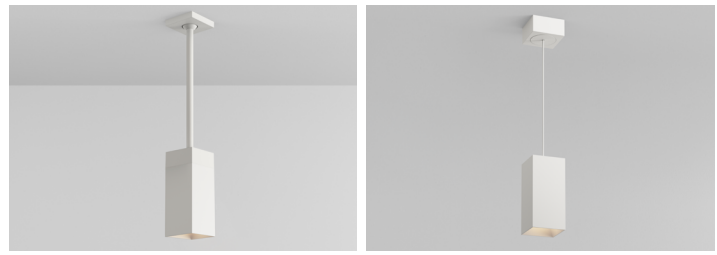# SQUILINDER® FIXED
SUSPENDED MOUNT

A modern update to a timeless form, this award-winning, fresh-faced classic offers sleek geometry, field-changeable optics, and endless adjustability.

PROJECT NAME:	TYPE:

ORDERING INFORMATION - SQUILINDER

⚡ Quick Ship Product. All rough in components ship within 10 days up to quantities of 100.

JA8-2022 COMPLIANCE INDICATED BY SHADING

SQUILINDER	LENGTH	FIXTURE	RATING	SQUILINDER FINISH	BAFFLE FINISH	CRI / WATTAGE PACKAGE	CCT	OPTIC (UGR)	DRIVER	MEDIA	MOUNTING
			1								
Dropkit® STEM ASSEMBLY **SD2** 3.13"	**043** 2" - 43" Mechanical Dropkit Stem **086** 45" - 86" Mechanical Dropkit Stem **129** 88" - 129" Mechanical Dropkit Stem **172** 131" - 172" Mechanical Dropkit Stem *(All lengths are field cuttable)	**FB** Fixed Body **WW** Fixed Body Wallwash	1 Dry/Damp	**WH** White **AG** Satin Silver* *(Increased lead time)* **AB** Architectural Bronze* *(Increased lead time)* **BK** Black **CF** Custom Finish* *(Consult Factory)*	**WH** White **AG** Satin Silver* *(Increased lead time)* **AB** Architectural Bronze* *(Increased lead time)* **BK** Black **CF** Custom Finish* *(Consult Factory)*	**STATIC WHITE** **80S11A** 80+ CRI, 11 Watts Lm. Delivered - 1278 **80S17A** 80+ CRI, 17 Watts Lm. Delivered - 1960 **80S23A** 80+ CRI, 23 Watts Lm. Delivered - 2541 **90S11A** 90+ CRI, 11 Watts Lm. Delivered - 1098 **90S17A** 90+ CRI, 17 Watts Lm. Delivered - 1684 **90S23A** 90+ CRI, 23 Watts Lm. Delivered - 2183 **97S11A** 97+ CRI, 11 Watts Lm. Delivered - 964 **97S17A** 97+ CRI, 17 Watts Lm. Delivered - 1479 **97S23A** 97+ CRI, 23 Watts Lm. Delivered - 1917	**24** 2400K* *(90+ CRI only, 17W max)* **27** 2700K **30** 3000K **35** 3500K **40** 4000K	**10** 10°* (>19) *(17W packages only)* **15** 15° (<16) **20** 20° (<13) **25** 25° (<16) **40** 40° (<16) **60** 60° (>19) **WW** Wallwash* *(Required for WW)*	**INTEGRAL** **CA3** 120-277V 0-10V Analog **CE3** 120V Electronic Forward/Reverse **REMOTE (120V)** **TR2** Philips, 2% Forward/Reverse **L23** Lutron, Hi-Lume 1% 2-Wire **REMOTE (120-277V)** **RA3** 120-277V 0-10V Analog **RE3** 120V Electronic Forward / Reverse **LH1** Lutron, Hi-Lume Ecosystem 1% Fade to Black **LP1** Lutron, Hi-Lume Premier Ecosystem 0.1% Fade to Black **AN4** Philips Xitanium 1% 0-10V, LOG **LN2** Philips Xitanium 1% 0-10V, LIN **EA2** eldoLED, SOLOdrive 0.1% 0-10V, LOG **LA2** eldoLED, SOLOdrive 0.1% 0-10V, LIN **ED1** eldoLED, SOLOdrive 0.1% DALI-2, LOG **LD1** eldoLED, SOLOdrive 0.1% DALI-2, LIN **AS1/ ASR** Athena Control eldoLED, SOLOdrive 0.1% 120-277V/* **CS1/ CSR** Casambi Control eldoLED, SOLOdrive 0.1% 120-277V/* *(Includes Node. Extended lead time, consult factory. ASR/CSR includes shunt)*	**STANDARD MEDIA** **40** Soft Focus Lens* *(Required for 10° optic)* **WW** Wallwash Lens* *(Required for Wallwash fixtures)* **ALTERNATE MEDIA** **00** No Lens* *(Not available for Warm Dim)* **20** Honeycomb Louver* *(Not available for Warm Dim)* **30** Clear Glass Lens* *(Not available for Warm Dim)* **50** Frosted Glass Lens **60** Frosted Soft Focus Lens **70** Frosted Linear Spread Lens **SL** Soft Focus Lens w/ Linear Spread Film **CL** Clear Glass Lens w/ Linear Spread Film	⚡ **ROUGH-IN** ⚡ **JBMP** 4" Sq. or 4/0 Junction Box Mounting Plate ⚡ **FINISH OUT** ⚡ **SMK3** 3/0 Surface Mount Kit* *(Not available for SD2)* **SMK4** 4/0 Surface Mount Kit* *(Not available for SD2)* **CMJB** 1/2" and 3/4" Conduit Ceiling Mount Junction Box* *(Quick Ship Product for WH and BK finishes only)*
PENDANT **SP2** 3.13"	**XXXB** Black Cable **XXXW** White Cable Specify cable length in whole inches (Max 180) ex. specify 006B for a 6 inch black cable* *(Cable is field cuttable)*	**FB** Fixed Body	1 Dry/Damp	**WH** White **AG** Satin Silver* *(Increased lead time)* **AB** Architectural Bronze* *(Increased lead time)* **BK** Black **CF** Custom Finish* *(Consult Factory)*	**WH** White **AG** Satin Silver* *(Increased lead time)* **AB** Architectural Bronze* *(Increased lead time)* **BK** Black **CF** Custom Finish* *(Consult Factory)*	**WARM DIM** **90W18A** 90+ CRI, 18 Watts Incandescent Profile Lm. Delivered - 1153 Halogen Profile Lm. Delivered - 1130 *SEE PAGE 4 FOR DETAILED WARM DIM PROFILE COMPARISON.* **TUNABLE WHITE** **90T17A** 90+ CRI, 17 Watts Warm Profile Lm. Delivered - 991 Cool Profile Lm. Delivered - 982	**WL** 2700K - 1800K **WD** 3000K - 1800K **TR** 4000K - 1800K **TH** 5000K - 2700K	**20** 20° (<10) **25** 25° (<10) **40** 40° (<13) **60** 60° (<16) **WW** Wallwash* *(Required for WW)* **10** 10°* (>19) *(17W packages only)* **15** 15° (<16) **20** 20° (<13) **25** 25° (<16) **40** 40° (<16) **60** 60° (>19) **WW** Wallwash* *(Required for WW)*	**TUNABLE WHITE REMOTE (0.1%, 120-277V)** **DD1** eldoLED, DUALdrive DALI-2, LOG **DG1** eldoLED, DUALdrive 0-10V, LOG **DN1** eldoLED, DUALdrive 0-10V, LIN **AD1/ ADR** Athena Control, EldoLED, DUALdrive* **CD1/ CDR** Casambi Control, EldoLED, DUALdrive* *(Includes Node. Extended lead time, consult factory for EM use, ADR/CDR includes shunt)*		

(WH) White Powder Coat

(AG) Satin Silver Powder Coat

(AB) Architectural Bronze Powder Coat

(BK) Black Powder Coat

PART NUMBER NOTES
- SD2 ships as e.g., SQ2-AD1-WHBK-90S23A2-30CA340
- Stem Assembly ships as SQ2-DK-(length)-(finish)
- SP2 ships as e.g., SP2-1801-WHBK-90S23A2-30RMT40W
- Mounting ships separate from fixture, part numbers listed on page 7.

*ALL DELIVERED LUMEN OUTPUTS AND T24 COMPLIANCE REFLECT 3000K PAIRED WITH 20° OPTIC AND SOFT FOCUS LENS. REFERENCE PAGE 4 FOR ADDITIONAL T24 COMPLIANT CONFIGURATIONS.

*SEE PAGE 4 FOR UGR RATINGS

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[DATE OF REV: 01112024]

SQUILINDER FIXED SUSPENDED MOUNT

ALTERNATE BAFFLE AND MEDIA
Includes baffle with sealed lens. Must specify baffle finish.
☐ **RBA-SQ2-**-HCL-2**   Honeycomb Louver *
*(Not available for Warm Dim)
☐ **RBA-SQ2-**-CGL-2**   Clear Glass Lens *
*(Not available for Warm Dim)
☐ **RBA-SQ2-**-SFL-2**   Soft Focus Lens
☐ **RBA-SQ2-**-FGL-2**   Frosted Glass Lens
☐ **RBA-SQ2-**-FSFL-2**   Frosted Soft Focus Lens
☐ **RBA-SQ2-**-FLSL-2**   Frosted Linear Spread Lens
☐ **RBA-SQ2-**-SFL-LSL-2**   Soft Focus Lens W/ Linear Spread Film
☐ **RBA-SQ2-**-CGL-LSL-2**   Clear Glass Lens W/ Linear Spread Film
**** Baffle finish: Specify **WH** for white, **BK** for black, **AG** for satin silver or
AB for architectural bronze.

STATIC WHITE REPLACEMENT OPTICS
☐ **RO-70-15-S**   15° optic
☐ **RO-70-20-S**   20° optic
☐ **RO-70-25-S**   25° optic
☐ **RO-70-40-S**   40° optic
☐ **RO-70-60-S**   60° optic
☐ **RO-70-WW-S** Wallwash optic

WARM DIM REPLACEMENT OPTICS
☐ **RO-70-20-W**   20° optic
☐ **RO-70-25-W**   25° optic
☐ **RO-70-40-W**   40° optic
☐ **RO-70-60-W**   60° optic
☐ **RO-70-WW-W** Wallwash optic

STATIC WHITE REPLACEMENT OPTICS
☐ **RO-70-15-T**   15° optic
☐ **RO-70-20-T**   20° optic
☐ **RO-70-25-T**   25° optic
☐ **RO-70-40-T**   40° optic
☐ **RO-70-60-T**   60° optic
☐ **RO-70-WW-T** Wallwash optic

Dropkit STEM EXTENSION

☐ **RPS-DK-EXT-****   2" - 43" Stem Extension

**** Stem finish: Specify **WH** for white, **BK** for black, **AG** for
satin silver or **AB** for architectural bronze.

REPLACEMENT SUCTION TOOL
Included with each order (1 per 10 fixtures).
☐ **CY-SQ-TOOL-SUCTION**   Baffle assembly removal tool

EMERGENCY LIGHTING - REMOTE MOUNT ONLY
☐ **EMB-S-25-120/277-LEDX**   25 watt max capacity, 120 or 277 VAC 60Hz
☐ **EMB-S-100-120-LEDX**   100 watt max capacity, 120 VAC 60Hz, 0-10V dimmable
☐ **EMB-S-100-277-LEDX**   100 watt max capacity, 277 VAC 60Hz, 0-10V dimmable
☐ **EMB-S-250-120/277-LEDX**   250 watt max capacity, 120 or 277 VAC 60Hz
During disruption of main power, emergency battery inverter provides temporary 120V or
277V to fixture.

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As part of its policy of continuous research and product development, the company
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LIGHTING COMPANY
[DATE OF REV: 01112024]

SQUILINDER FIXED SUSPENDED MOUNT
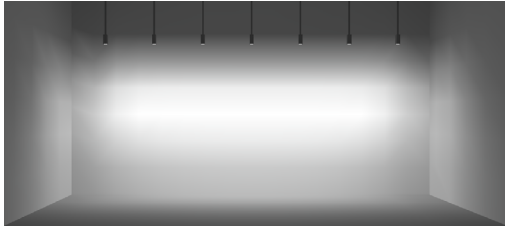
WALLWASH DESIGN GUIDE

8FT MOUNTING HEIGHT
36" SETBACK / 48" ON CENTER SPACING
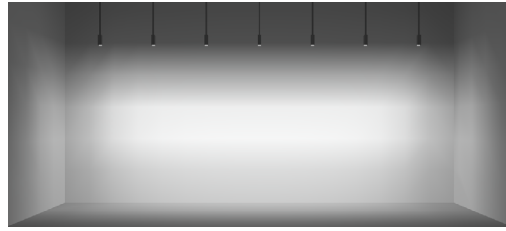
10FT MOUNTING HEIGHT
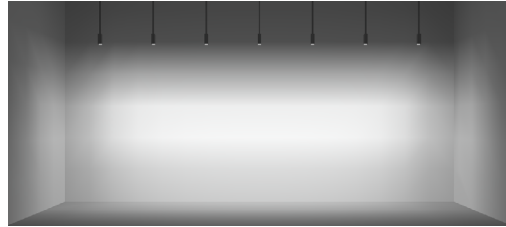**36" SETBACK / 48" ON CENTER SPACING**

12FT MOUNTING HEIGHT
36" SETBACK / 48" ON CENTER SPACING
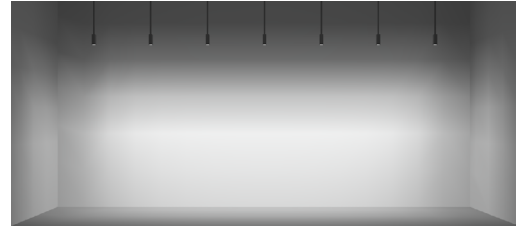

30" SETBACK / 42" ON CENTER SPACING
- AVERAGE FC: 17.19
- MAX / MIN: 5.71
- 10FT MOUNTING HEIGHT / 8-12FT IDEAL
- 7 FIXTURES / 25FT WALL SHOWN

RECOMMENDED
36" SETBACK / 48" ON CENTER SPACING
- AVERAGE FC: 13.81
- MAX / MIN: 6.21
- 10FT MOUNTING HEIGHT / 8-12FT IDEAL
- 7 FIXTURES / 32FT WALL SHOWN

42" SETBACK / 54" ON CENTER SPACING
- AVERAGE FC: 11.14
- MAX / MIN: 7.32
- 10FT MOUNTING HEIGHT / 8-12FT IDEAL
- 7 FIXTURES / 32FT WALL SHOWN

ADDITIONAL SETBACKS AND SPACINGS

ON CENTER SPACING	SETBACK		
	30"	36"	42"
30"	SHOWN ABOVE	AVERAGE FC: 13.93 MAX / MIN: 8.07	AVERAGE FC: 12.54 MAX / MIN: 8.54
36"	AVERAGE FC: 14.00 MAX / MIN: 6.22	SHOWN ABOVE	AVERAGE FC: 11.34 MAX / MIN: 7.78
42"	AVERAGE FC: 12.18 MAX / MIN: 7.73	AVERAGE FC: 11.04 MAX / MIN: 8.67	SHOWN ABOVE

*ALL DATA REFLECTS 90S17A WATTAGE PACKAGE

SQUILINDER FIXED SUSPENDED MOUNT

⬡ STATIC WHITE PERFORMANCE - 3000K - SOFT FOCUS LENS

WATTAGE PACKAGE	WATTAGE	10° OPTIC SOFT FOCUS LENS		15° OPTIC SOFT FOCUS LENS		20° OPTIC SOFT FOCUS LENS		25° OPTIC SOFT FOCUS LENS		40° OPTIC SOFT FOCUS LENS		60° OPTIC SOFT FOCUS LENS		WW OPTIC WALLWASH LENS	
		DLVD	LPW	DLVD	LPW	DLVD	LPW	DLVD	LPW	DLVD	LPW	DLVD	LPW	DLVD	LPW
80S11A	11	-	-	1289	117	1278	116	1282	117	1222	111	1154	105	913	83
80S17A/C	17	716	42	1916	113	1960	115	1925	113	1846	109	1737	102	1395	82
80S23A	23	-	-	2440	106	2541	110	2515	109	2383	104	2240	97	1814	79
90S11A	11	-	-	1107	101	1098	100	1101	100	1050	95	991	90	784	71
90S17A/C	17	617	36	1646	97	1684	99	1654	97	1586	93	1492	88	1198	70
90S23A	23	-	-	2096	91	2183	95	2161	94	2047	89	1924	84	1558	68
97S11A	11	-	-	972	88	964	88	967	88	922	84	870	79	688	63
97S17A/C	17	532	31	1445	85	1479	87	1452	85	1392	82	1310	77	1052	62
97S23A	23	-	-	1840	80	1917	83	1897	82	1797	78	1689	73	1368	59
90W18AL (2700K-1800K)	18	-	-	-	-	1153	64	1133	63	1095	61	1037	58	858	48
90W18AD (3000K-1800K)	18	-	-	-	-	1130	63	1132	63	1093	61	1047	58	881	49
90T17ATR (4000K-1800K)	17	-	-	985	58	991	59	999	59	938	56	904	54	923	55
90T17ATH (5000K-2700K)	17	-	-	977	58	982	58	990	59	930	55	896	53	905	54

(TITLE 24 COMPLIANT) JA8-2022 INDICATED BY SHADING

UNIFIED GLARE RATING

10° OPTIC SOFT FOCUS LENS	15° OPTIC SOFT FOCUS LENS	20° OPTIC SOFT FOCUS LENS	25° OPTIC SOFT FOCUS LENS	40° OPTIC SOFT FOCUS LENS	60° OPTIC SOFT FOCUS LENS
>19	<16	<13	<16	<16	<19

MEDIA LIGHT LOSS MULTIPLIER

MEDIA	LIGHT LOSS FACTOR
No Lens	1.06
SFL	1.00
CGL	0.98
FGL	0.91
FSFL	0.87
FLSL	0.82
SFL W/ LIN. SPREAD	0.76
CGL W/ LIN. SPREAD	0.74
HCL	0.73

OUTPUT MULTIPLIER

CCT	CCT SCALE
2400K	0.76
2700K	0.97
3000K	1.00
3500K	1.03
4000K	1.08

TUNABLE WHITE MULTIPLIER

| CCT	5000K-2700K	4000K-1800K
5000K	1.16	-
4000K	1.08	1.14
3500K	1.04	1.07
3000K	1.00	1.00
2700K	0.96	0.92
2400K	-	0.84
1800K	-	0.69

☀ WARM DIM PERFORMANCE - SOFT FOCUS LENS - 20° OPTIC

INCANDESCENT PROFILE

90W18AL 2700K - 1800K	Full on 100%	Dimmed to 80%	Dimmed to 70%	Dimmed to 50%	Dimmed to 20%	Dimmed to 10%	Dimmed to 2%
CCT (K)	2700	2650	2620	2520	2180	1950	1800
Light Output (Lm)	1153	922	807	576	231	115	23
Power (W)	18	14	13	9	4	2	.4
Efficacy (LPW)	64	64	64	64	64	64	64

HALOGEN PROFILE

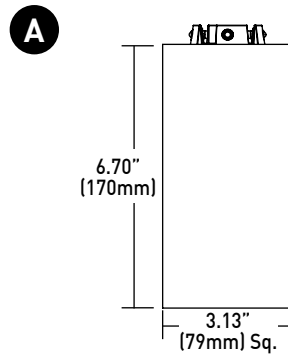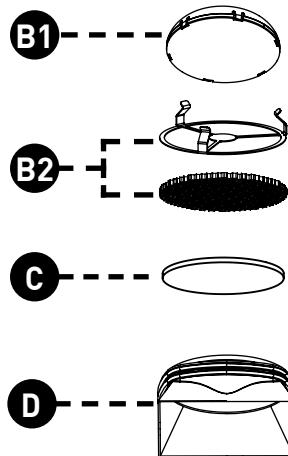| 90W18AD 3000K - 1800K	Full on 100%	Dimmed to 80%	Dimmed to 70%	Dimmed to 50%	Dimmed to 20%	Dimmed to 10%	Dimmed to 2%
CCT (K)	3000	2950	2920	2775	2375	2000	1800
Light Output (Lm)	1130	904	791	565	226	113	23
Power (W)	18	14	13	9	4	2	.4
Efficacy (LPW)	62	62	62	62	62	62	62
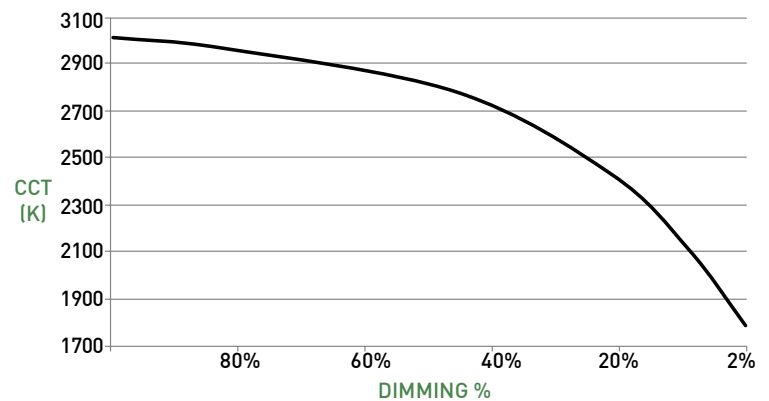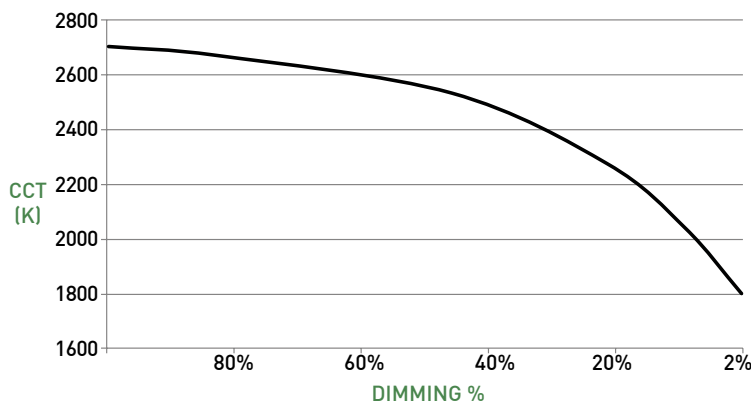
SQUILINDER FIXED SUSPENDED MOUNT

Dropkit STEM ASSEMBLY

(A) LUMINAIRE
Machined body with integral heat sink and LED. Power supply must be remote mount.

(B1) FIXED BODY OPTICS
Robust light engine with optimized optic pairing integrates Reflection, Refraction, and TIR offering 10°, 15°, 20°, 25°, 40° & 60° beams.

WALLWASH OPTIC
Precision tuned optic provides uniform wallwashing effect.

(B2) 10° FIELD REDUCER
Included with 10° optic. Reduces field angle by 6%

(C) FIXED BODY MEDIA
Soft focus lens standard; lenses sealed in place. Fixture can accept 1 media.

WALLWASH MEDIA
Wallwash lens is sealed in place. Fixture can accept 1 media.

(D) BAFFLE
Baffle minimizes aperture glare and conceals view into fixture. Suction tool provided for removal of baffle.

(E) Dropkit

- Field cuttable rigid stem for suspending fixture at desired height. Provides stable base to allow preferred fixture tilt, while maintaining vertical stem position.

- Ball joint allows up to 45° tilt for sloped ceilings and can be locked once stem is positioned vertically.

- Four 43" sections available; 172" maximum standard length.

- Length adjustment occurs in lower canopy.

- Wiring for stem assembly provided by others.

DIMENSIONS / DRAWINGS

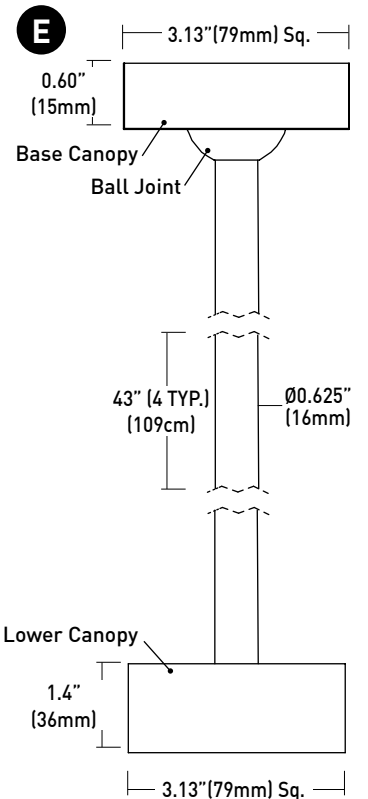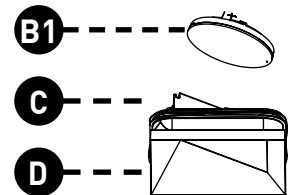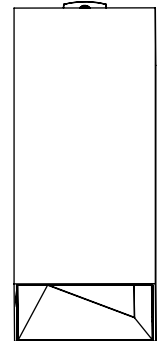**(A)**
6.70" (170mm)
3.13" (79mm) Sq.

WALLWASH UNIBODY

FIXED BODY

(B1)
(B2)
(C)
(D)

(E)
3.13"(79mm) Sq.
0.60" (15mm)
Base Canopy
Ball Joint
43" (4 TYP.) (109cm)
Ø0.625" (16mm)
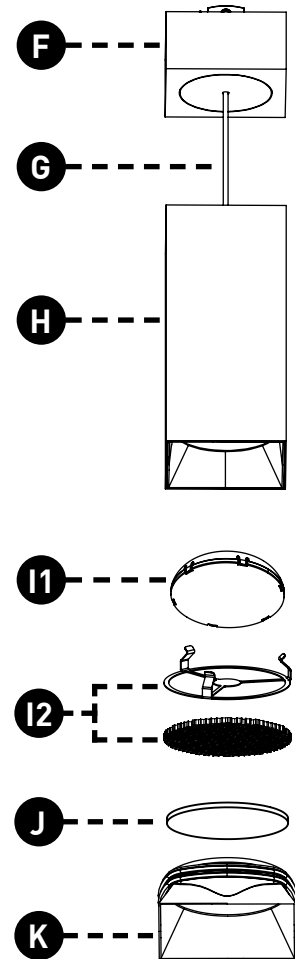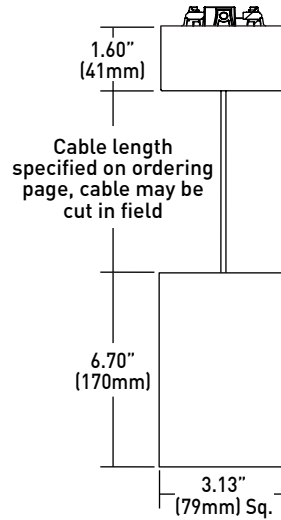Lower Canopy
1.4" (36mm)
3.13"(79mm) Sq.

SQUILINDER FIXED SUSPENDED MOUNT

PENDANT

F **CANOPY**
Machined 1.60" (41mm) canopy accommodates flat and slope ceiling conditions. Conceals hidden mounting hardware. Available with integral or remote driver.

G **CABLE**
Black and white wiring harness available; up to 180.0" length; cable may be cut in field.

H **LUMINAIRE**
Machined body with integral heat sink and LED.

I1 **STANDARD OPTICS**
Proprietary optics available in 10°, 15°, 25°, 40° & 60° beams.

I2 **10° FIELD REDUCER**
Included with 10° optic. Reduces field angle by 6%

J **MEDIA**
Soft focus lens standard; lenses sealed in place. Fixture can accept 1 media.

K **BAFFLE**
Baffle minimizes aperture glare and conceals view into fixture. Suction tool provided for removal of baffle.

DIMENSIONS / DRAWINGS

1.60" (41mm)

Cable length specified on ordering page, cable may be cut in field

6.70" (170mm)

3.13" (79mm) Sq.

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[DATE OF REV: 01112024]

SQUILINDER FIXED SUSPENDED MOUNT

Dropkit STEM AND PENDANT MOUNTING

L JBMP
Mounting plate (concealed) for standard 4" square or 4" 4/0 j-box . To be installed during rough-in prior to substrate. Fixture to mount flush with minimalist transition to ceiling.

Part Number - SQ2-JBMP

M SMK3
Surface mount kit includes mounting plate and 4" concealer plate that installs between fixture and standard 3" 3/0 j-box for existing applications where standard j-box cutout is to be concealed.

Part Number - SQ2-SMK-3/0-(FINISH)

N SMK4
Surface mount kit includes mounting plate and 5" concealer plate that installs between fixture and standard 4" 4/0 j-box for existing applications where standard j-box cutout is to be concealed.

Part Number - SQ2-SMK-4/0-(FINISH)

O CMJB
Ceiling mount junction box perfectly matches the squilinder profile for a continuous, integrated look where exposed ceiling mount junction box and conduit applications apply. For use with 1/2" and 3/4" EMT conduit only. Features three conduit entrances at 12, 3, and 6 o'clock plus one conduit knockout on top. Painted finishes only. Blank off plugs included.
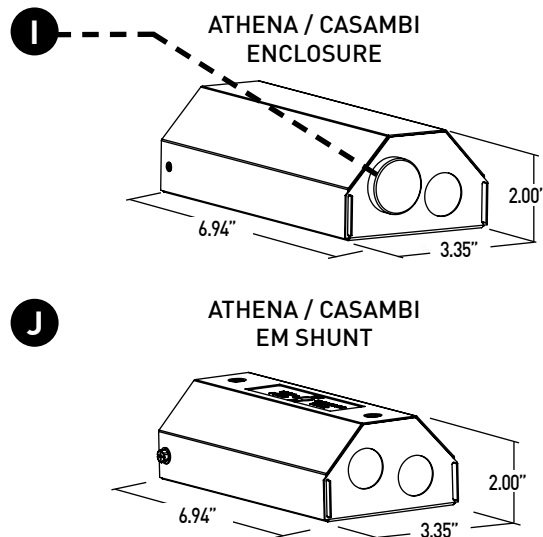
Part Number - SQ2-CMJB-(FINISH)
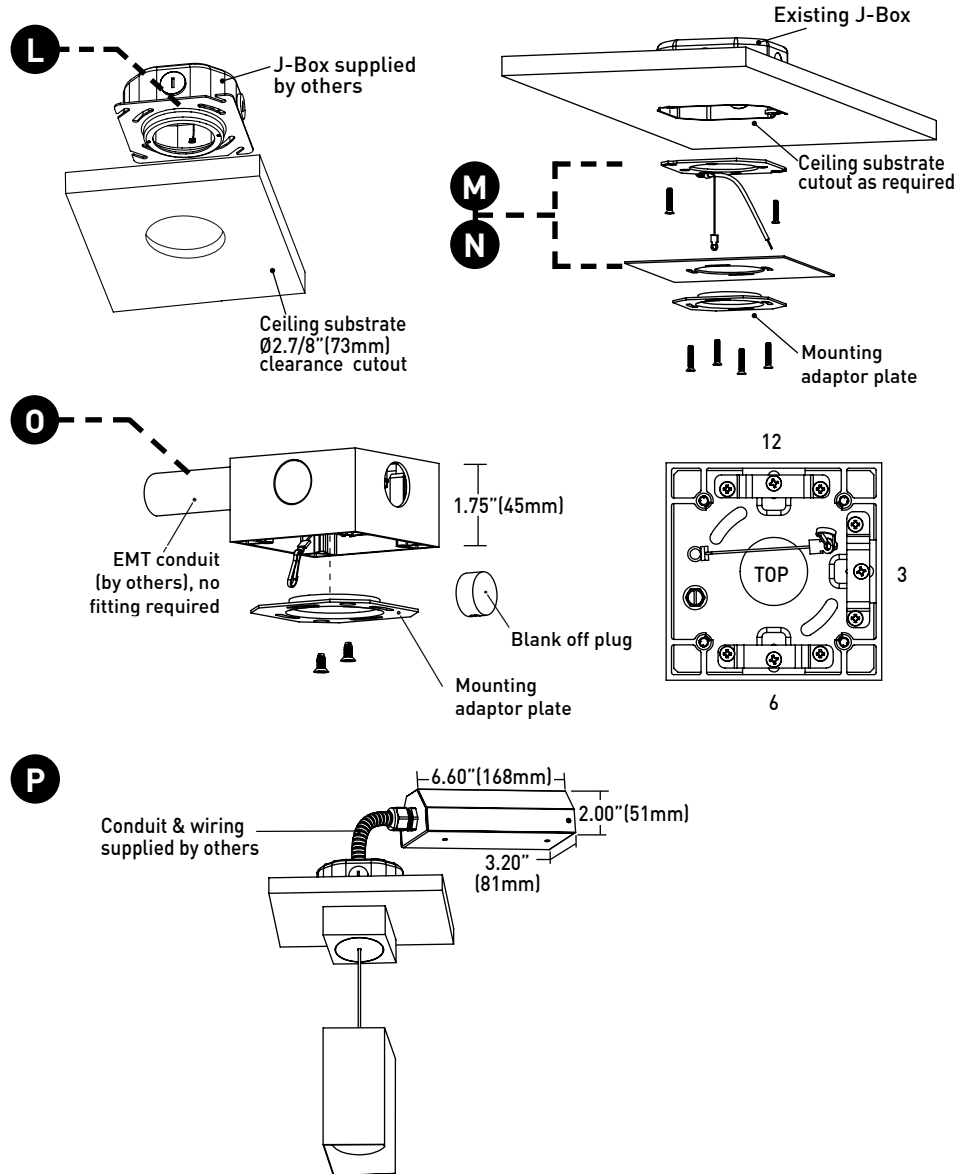
MOUNTING NOTES

- JBMP not recommended for use with pancake style j-box.
- For applications involving slat ceilings or confined mounting, consult Comprehensive Install Guide for required clearances for proper air flow and servicing.

REMOTE POWER SUPPLY

P PS-RMT
Remote power supply provides additional driver options. Mounting device still required. See page 8 for maximum allowable secondary run lengths between PS-RMT and fixture

Q ATHENA / CASAMBI CONTROL
Controls integrated into housing or remote driver assembly. All equipment is serviceable.

Athena Model Numbers: A-WN-D01-RF-BL & DFC-OEM-DBI

Casambi Model Number: BT-S1E1-5400

R ATHENA / CASAMBI EM SHUNT
Inlcuded with drivers specified as ASR, ADR, CSR, or CDR. One required for each wireless EM fixture, requires class 2 control wiring between fixture and shunt. Features integrated test switch.

Model Number: PS-RMT-SHUNT

L — J-Box supplied by others

Ceiling substrate Ø2.7/8"(73mm) clearance cutout

Existing J-Box

Ceiling substrate cutout as required

M
N

Mounting adaptor plate

O — EMT conduit (by others), no fitting required

1.75"(45mm)

Blank off plug

Mounting adaptor plate

12

3

6

TOP

P — Conduit & wiring supplied by others

6.60"(168mm)

2.00"(51mm)

3.20" (81mm)

I — ATHENA / CASAMBI ENCLOSURE

6.94"

3.35"

2.00"

J — ATHENA / CASAMBI EM SHUNT

6.94"

3.35"

2.00"

UTILITY POWER   TEST   EMERGENCY POWER

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LUCIFER® LIGHTING COMPANY

SQUILINDER FIXED SUSPENDED MOUNT

TECHNICAL

CONSTRUCTION

Squilinder: Machined aluminum body; painted finishes are granulated powder coat.

Dropkit Stem Assembly: Die-cast aluminum canopies and extruded aluminum stems; painted finishes are granulated powder coat.

CMJB: Die-cast aluminum body; painted finishes are granulated powder coat.

Remote Power Supply: 22 Gauge galvanized steel.

STATIC WHITE LED

2-step MacAdam ellipse LED module available in 80+, 90+ and 97+ CRI configurations in color temperatures of 2700K, 3000K, 3500K and 4000K.

3-step MacAdam ellipse LED module available in 90+ configuration in color temperature of 2400K. Average rated lamp life of 50,000 hours. LED and driver assemblies are field-replaceable.

WARM DIM LED

3-step MacAdam ellipse warm dim LED module available in 90+ CRI configuration. 3000K or 2700K at full brightness, warming to 1800K at full dim. Average rated lamp life of 50,000 hours. LED and driver assemblies are field-replaceable.

TUNABLE WHITE LED

3-step MacAdam ellipse tunable white LED module available in 90+ CRI configuration. Features tuning range of 2700K to 5000K and 1800K to 4000K. Average rated lamp life of 50,000 hours. Driver assemblies are field-replaceable.

CHANGE LOG

1. 01/12/2021: ADDED 2200K, 2700K-1800K WARM DIM AND 10 DEGREE OPTIC OFFERINGS.
2. 03/17/2021: ADDED SMK MOUNTING OPTION FOR PENDANT
3. 03/17/2021: ADDED CMJB MOUNTING OPTION FOR DROPKIT.
4. 04/29/2021: ADDED FIXED BODY WALLWASH AND LP1 DRIVER OFFERINGS.
5. 06/09/2022: ADDED HONEYCOMB LOUVER, SOFT FOCUS LENS W/ LINEAR SPREAD FILM, AND CLEAR GLASS LENS W/ LINEAR SPREAD FILM.
6. 10/17/2022: REMOVED 90W13A 3200K-1800K WARM DIM AND ADDED 90W18AD 3000K-1800K WARM DIM.
7. 03/03/2023: ADDED SMK3 AND SMK4 MOUNTING OPTIONS FOR SP2.
8. 08/08/2023: ADDED NEW LED AND OPTIC OFFERINGS. REMOVED 2200K OFFERING.
9. 1/11/2024: ADDED ATHENA/CASAMBI OFFERINGS, ADDED 2400K OFFERING.
10. 2/07/2024: ADDED TUNABLE WHITE OFFERING.
11. 3/15/24: ADDED 10 DEGREE FIELD REDUCER, UPDATED 10 DEGREE PERFORMANCE DATA.

POWER SUPPLY PERFORMANCE AND DIMMING INFORMATION

Power Supply	PHASE			0-10V								ECO		DALI			ATHENA	CASAMBI
	CE3/RE3	TR2	L23	CA3/RA3	AN4	EA2	LN2	EA2	LA2	DG1	DN1	LP1	LH1	ED1	LD1	DD1	AS1/AD1	CS1/CD1
Minimum °C	-20°C	-20°C	0°C	-20°C	-20°C	-20°C	-20°C	-20°C	-20°C	-20°C	-20°C	0°C	0°C	-20°C	-20°C	-20°C	0°C	-20°C
Maximum °C	40°C	40°C	40°C	40°C	40°C	40°C	40°C	40°C	40°C	40°C	40°C	40°C	40°C	40°C	40°C	40°C	40°C	40°C
Dimming %	2.0%	2.0%	1.0%	2.0%	1.0%	0.1%	1.0%	0.1%	0.1%	0.1%	0.1%	0.1%	1.0%	0.1%	0.1%	0.1%	0.1%	0.1%

Note: For TR2, L23, LH1, LP1, AN4, LN2, EA2 and LA2 drivers consult chart on page 9 to confirm appropriate dimming curve for compatibility with selected control.

MAXIMUM ALLOWABLE REMOTE DRIVER WIRING DISTANCES

DRIVER	WIRE AWG				
	12	14	16	18	20
RA, RE	-	164'	105'	66'	40'
TR2, AN4, LN2	285'	180'	113'	71'	45'
L23, LH1, LP1	60'	40'	25'	15'	-
EA2, LA2, ED1, LD1, DG1, DD1, DN1 AS1, CS1, AD1, CD1	-	-	118'	72	46'

WALLWASH SPACING

Factory recommends 48" (1219mm) spacing on center with 36" (914mm) setback from wall plane.

MOUNTING

Pendant is supplied with a mounting adaptor plate, which integrates with specified mounting component. Dropkit Stem integrates directly with specified mounting component. JBMP provide a minimalist transition from standard 4/0 or 4" square junction boxes and accommodating ceiling thicknesses of 0.44" (12mm) to 0.75" (19mm). Ceiling-mount junction box available for 1/2" (13mm) and 3/4" (19mm) conduit and feature concealed internal clamps for clean fitting-free conduit exit and entry.

LISTING

cTUVus listed to UL1598 standard for Dry / Damp (IP14) locations. Title 24 JA8-2022 Listed. NEMA 410 Compliant

FIXTURE WEIGHT

SD2 and Mounting - 5.8 lbs
SP2 and Mounting - 4.6 lbs
Remote Driver - 1.4 lbs

LIMITED WARRANTY

Manufacturer's 1-year warranty guarantees product(s) listed to be free from defects in material and workmanship under normal use and service. 5-year warranty on LED and power supply to operate with 70% of the original flux and remain within a range of 3 duv. 10-year Lutron Advantage limited warranty available on Lutron equipped systems. Warranty period begins from the date of shipment by Seller. Consult website for full warranty terms and conditions.

LUCIFER® LIGHTING COMPANY®

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As part of its policy of continuous research and product development, the company reserves the right to change or withdraw specifications without prior notice.

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SQUILINDER FIXED SUSPENDED MOUNT

DIMMING COMPATIBILITY

PHILIPS DRIVER COMPATIBILITY

Power supply **TR2** Manufacturer	Family/Model #
Lutron Electronics	DV-600P
Lutron Electronics	DVELV-303P
Lutron Electronics	NTELV-600
Lutron Electronics	MAELV-600
Lutron Electronics	SELV-300P
Lutron Electronics	DVLV-600P
Lutron Electronics	NFTU-5A
Lutron Electronics	CTCL-153P
Lutron Electronics	GL-600H
Lutron Electronics	S-600P
Lutron Electronics	PHPM

Power supply **AN4 / LN2** Manufacturer	Family/Model #
Lutron Electronics	DVTV plus PP-DV
Lutron Electronics	DVSCTV plus PP-DV
Lutron Electronics	DVSTV
Lutron Electronics	DVSCSTV
Lutron Electronics	QSGRJ-XP plus GRX-TVI
Lutron Electronics	QSGRJ-XE plus GRX-TVI
Lutron Electronics	QSGR-XE plus GRX-TVI
Lutron Electronics	NFTV plus PP-DV
Lutron Electronics	NTSTV
Lutron Electronics	RMJ-5T
Lutron Electronics	RMJS-8T
Lutron Electronics	FCJS-010
Leviton	IllumaTch IP7 series
Philips	Sunrise - SR1200ZTUNV

LUTRON DRIVER COMPATIBILITY

Power supply **L23** Lutron Product Family	Part No.
Maestro WirelessR 600 W dimmer	MRF2-6ND-120-
Maestro WirelessR 1000 W dimmer	MRF2-10ND-120-
Caséta® Wireless Pro 1000 W dimmer	PD-10NXD-
GRAFIK T™ CL® dimmer	GT-250M- GTJ-250M-
HomeWorks® QS adaptive dimmer	HQRD-6NA-
HomeWorks® QS 600 W dimmer	HQRD-6ND-
HomeWorks® QS 1000 W dimmer	HQRD-10ND-
RadioRA® 2 adaptive dimmer	RRD-6NA-
RadioRA® 2 1000 W dimmer	RRD-10ND
myRoom™ DIN power module	MQSE-4A1-D
HomeWorks® QS DIN power module	LQSE-4A1-D
HomeWorks® QS wallbox power module	HQRJ-WPM-6D-120
HomeWorks® wallbox power module	HWI-WPM-6D-120
GRAFIK Eye® QS control unit	QSGR-, QSGRJ-
GRAFIK Eye® 3000 control unit	GRX-3100- GRX-3500-
RPM-4U module (LCP, HomeWorks® QS, GRAFIK Systems™, Quantum®)	HW-RPM-4U-120 LP-RPM-4U-120
RPM-4A module (LCP, HomeWorks® QS, GRAFIK Systems™, Quantum®)	HW-RPM-4A-120, LP-RPM-4A-120
GP dimming panels	Various
Ariadni CL 250W dimmer	AYCL-253P-
Diva CL 250W dimmer	DVCL-253P- DCSCCL-253P-
Nova T CL 250W dimmer	NTCL-250-

Power supply **LH1 / LP1** Lutron Product Family	Part No.
PowPak Dimming Modules	RMJ-ECO32-DV-B
PowPak Dimming Modules	FCJ/FCJS-ECO
Energi Savr Nodes	QSN-1ECO-S
GRAFIK Eye QS control unit Homeworks QS control unit	QSN-2ECO-S
GRAFIK Eye QS control unit Homeworks QS control unit	QSGRJ-_E (wireless) QSGR-_E
Quantum Hub	QP2-_ _ 2C
Quantum Hub	QP2-_ _ 4C
Quantum Hub	QP2-_ _ 6C
Quantum Hub	QP2-_ _ 8C
Homeworks QS power module myRoom Plus power module	LQSE-2ECO-D

LUTRON 2016 OEM ADVANTAGE ACCOUNT

eldoLED DRIVER COMPATIBILITY

Power supply **EA2 / LA2** Dimmer / Switch Control Manufacturer	Family/Model #
Busch-Jaeger	2112U-101
Jung	240-10
Leviton Lighting Controls	IP710-DLX
Lightolier Controls	ZP600FAM120
Lutron Electronics	Nova T® - NTFTV
Lutron Electronics	Diva® - DVTV
Lutron Electronics	Nova® - NFTV
Merten	5729
Pass & Seymour	CD4FB-W
The Watt Stopper	DCLV1
Sensor Switch	nIO EZ
Synergy	ISD BC

Power supply **EA2 / LA2** Dimmer / Switch Control Manufacturer	Family/Model #
Dimmer / Switch Control Manufacturer	GrafixEye® GRX-TVI w GRX3503
	Energy Savr Node™ - QSN-4T16-S
Lutron Electronics	TVM2 Module
Crestron®	GLX-DIMFLV8
Crestron®	GLXP-DIMFLV8
Crestron®	GLPAC-DIMFLV4-*
Crestron®	GLPAC-DIMFLV8-*
Crestron®	GLPP-DIMFLVEX-PM
Crestron®	GLPP-1DIMFLV2EX-PM
Crestron®	GLPP-1DIMFLV3EX-PM
Crestron®	DIN-AO8
Crestron®	DIN-4DIMFLV4
Crestron®	CLS-EXP-DIMFLV
Crestron®	CLCI-1DIMFLV2EX
ABB	SD/S 2.16.1

ANALOG DRIVERS AND DIMMERS

DIMMER → DRIVER → OUTPUT

LIN* → LIN* → *STATIC WHITE ONLY ✓

LOG ↔ VICE VERSA ↔ LIN → ✓
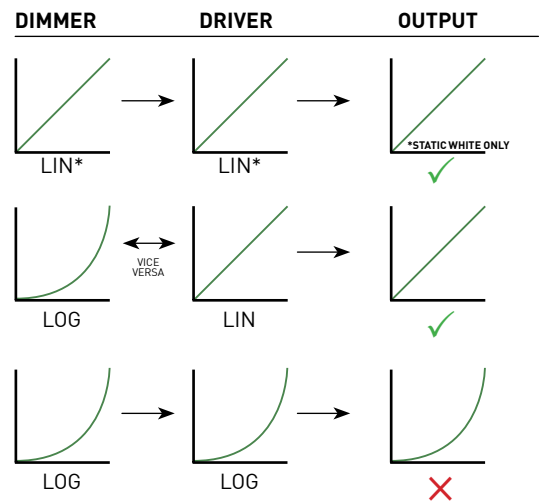
LOG → LOG → ✗

LIN = LINEAR
LOG = LOGARITHMIC
*LIN-TO-LIN NOT COMPATIBLE FOR WARM-DIM

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