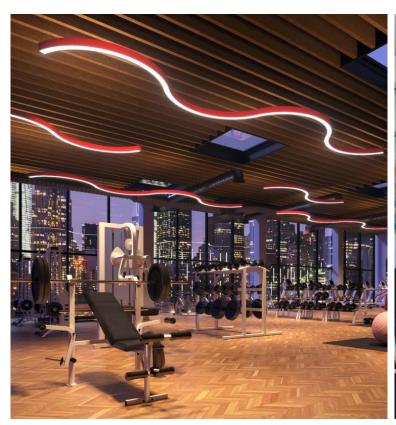
Project Name: Fixture Type:

Fixture Code: Quantities:











SQUIGGLE goes wherever you need it to be. It is a dynamic curvilinear light system that flows with architectural design. Choose curves of various radii, straight runs, and joiners to design a distinct light configuration that wraps around structural elements and becomes part of the architectural character.

GENERAL SPECIFICATION

Suspension

Steel cables. Recommended minimum mounting heights from ceiling: 305mm/12" for White LEDs and 610mm/24" for Colored LEDs (Only for Direct/Indirect version).

Body and trim

Steel and aluminum.

Drivers For RGBW

Integral HPF electronic drivers/DMX interfaces for 120-277V (EU-240V). Luminaires require a DMX controller by others. The driver is integral to the fixture housing.

PoE

Squiggle can integrate into your data network via Power over Ethernet (PoE) connectivity.

Integral Emergency system

Emergency option provides a 1.5 hour (3 hours for EU) emergency lighting facility. The self contained system includes the inverter module, NiCad batteries, LED charge indicator and test switch (NA only). Not available with a 347V supply.

Mechanical

Luminaires mount directly over J box (by others - North America only).

L70 @25°C (77°F)

> 50,000 hrs.

Ordering Example

To Create an **"S Shape"** order as follows:

Qty 4 - AX6/J3/K0/F2/D1/L0/C0/W0/U0 (Four curve sections)

Qty 2 - AX22/F2 (End caps)

Qty 3 - AX23 (Connectors)

Qty 1 - AX25/F2 (Power cord)

Each line to be ordered separately

Suspended Direct Suspended Direct/Indirect

Please note: Add 2 end caps per run and 1 power cord per 10 meter/32.8ft run.

Finish

Powder coated for standard finishes (black, Silver Metallic & white). For wood grain finishes, the canopy will be white.

Power cable

Silver braided.

Drivers For white LED,

integral, HPF electronic drivers for 120-277V (EU-240V). The driver is integral to the fixture housing.

Lens

Opal polycarbonate direct/Clear polycarbonate indirect.

Electrical

Luminaires are pre-wired with a factory installed branch circuit wiring with quick connectors. Through wiring is used to connect individual luminaires.

Delivered Lumens

Delivered lumens & LPW based on 4000K (min 80 CRI) for White LEDs only.

Approvals

Damp rated.

Seismic Bracing

Seismic bracing kits are available to meet compliance requirements. Consult the factory for details.

OPTICS & FEATURES







RGBW









Declare

PoF

HOW TO ORDER

A. SECTIONS (SEE ORDERING EXAMPLE ABOVE)

AX1 Curve 16, 2057 lms AX5 Curve 54, Direct, 10132 lms

AX8 Straight 47, Direct, 3800 lms

Ratio, 12260 lms **AX16** Straight 28, Direct/Indirect, 70/30 Ratio, 3320 lms

AX12 Curve 42, Direct/Indirect, 66/34

AX19 Straight 95, Direct/Indirect, 70/30 Ratio, 13740 lms

AX23 Connector SC 1

AX30 RGBW connector SC 1

AX6 Curve 72, Direct, 10294 lms AX9 Straight 72, Direct, 6883 lms

AX13 Curve 48, Direct/Indirect, 68/32

AX2 Curve 30, Direct, 4081 lms

Ratio, 12983 Ims AX28 Straight 36, Direct/Indirect, 70/30

Ratio, 4914 lms AX20 Cross, Direct, 4150 lms

AX24 Connector TC 2 AX31 RGBW connector TC 2 AX3 Curve 42. Direct. 8167 lms AX7 Straight 28, Direct, 2660 lms AX10 Straight 95, Direct, 9154 lms

AX14 Curve 54, Direct/Indirect, 71/29 Ratio, 14318 lms

AX17 Straight 47, Direct/Indirect, 70/30 Ratio, 5510 lms

AX21 Corner, Direct, 1900 lms

AX25 Power feed & canopy SC 1 AX33 RGBW power feed & canopy AX4 Curve 48, Direct, 8864 lms AX27 Straight 36, Direct, 3430 lms AX11 Curve 30, Direct/Indirect, 73/27

AX15 Curve 72, Direct/Indirect, 71/29 Ratio,14444 Ims

AX18 Straight 72, Direct/Indirect, 70/30 Ratio, 9853 lms

AX22 End Cap

Ratio, 5568 lms

AX26 Power feed & canopy TC 2

AX29 RGBW dim. power feed & canopy

AX32 RGBW dim. connector TC 2

We highly recommend you supply a drawing to allow us to verify you have quoted correctly.

A drawing will be required at the time of order placement.

Cross and Corner sections (AX20 & AX21 respectively) are direct light only and can be used with both Direct and Direct/Indirect sections.

Corner sections and Curve 16 section cannot be used as stand alone fixtures.

End caps & connectors are complete with cable suspension.

Power feed and canopy: One feed for every 12m/40' of the circumference.

Recommended minimum suspension length from ceiling: 12" for White LEDs, 24" for Colored LEDs.

¹ SC = Single Circuit

B. CRI

CR80 CRI 80+ CR90 CRI 90+

RGBW: To calculate wattage, reference IES files. Only available with 80 CRI.

C. CCT/COLOR (DIRECT)

J7 Red **12** 3000K **13** 3500K **14** 4000K J8 Green **J9** Blue J10 RGBW

RGBW: to calculate wattage, reference IES files.

D. CCT/COLOR (INDIRECT)

K3 3500K **KO** Indirect CCT not required **K2** 3000K **K4** 4000K K7 Red **K8** Green K9 Blue K10 RGBW

RGBW: to calculate wattage, reference IES files.

E. FINISH

F1 White F2 Black Metallic Textured F20 Silver Metallic Textured FA25 Gold Metallic - Textured F27 Wood grain - Light Cherry 1 F30 Wood grain - White Oak 1 FA44 Midnight Blue Metallic - Textured F28 Wood grain - Dark Walnut 1

FA45 Copper Metallic FA46 Charcoal Metallic - Textured FA47 Bronze Metallic - Textured FA52 Champagne Metallic

FA53 Red Metallic - Textured

¹ The canopy will be white for wood grain finishes and may incur longer lead times and setup charges. Consult factory for details.



² TC = Twin Circuit

F. DIMMING (DIRECT)

CB0 Direct dimming not required **CB4** DALI Dimming 0.1% ¹

CB11 DMX Dimming

CB1 0-10V Dimming 1.0% **CB5** DALI Dimming 1.0% ¹

CB12 PoE 3

CB2 0-10V Dimming 0.1% ¹

CB6 DSI (EU only) 12

CB3 347V, 0-10V Dimming (1.0%)

CB7 switchDim (EU only) 12

G. DIMMING (INDIRECT)

CCO Indirect dimming not required

CC4 DALI Dimming 0.1% 1

CC12 PoE ³

CC1 0-10V Dimming 1.0% **CC5** DALI Dimming 1.0% ¹

CC2 0-10V Dimming 0.1% ¹ **CC7** switchDim (EU only) ^{1 2}

CC3 347V, 0-10V Dimming (1.0%)

CC11 DMX Dimming

H. LUMEN OUTPUT

LO 100% of standard output

L1 Lumen & wattage reduction to approximately 75% of standard output

L2 Lumen & wattage reduction to approximately 50% of standard output

L3 Lumen & wattage reduction to approximately 25% of standard output

Note: Custom reduction percentages available upon request.

I. EMERGENCY

E0 Not required **E1** Emergency system - integral, not

available with CB3 or SAX1

J. CONTROLS

CO Controls not required **C1** Encelium/Zigbee control

K. SEPARATE SWITCHING

W0 Single circuit **W1** Separate Switching

L. LENS

U0 Not required **U1** Clear **U2** Opal ¹

M. OPTIONAL LOW VOLTAGE

EV Low Voltage

¹ Not available in 347V.

² Not available in North America.

³ Must be used with EV only.

¹ Not available in 347V.

² Not available in North America.

³ Must be used with EV only.

¹ To be used with CB12 & CC12 only.

TECHNICAL DATA

SECTIONS

We highly recommend you supply a drawing to allow us to verify you have quoted correctly.

A drawing will be required at the time of order placement.

Cross and Corner sections (AX20 & AX21 respectively) are direct light only and can be used with both Direct and Direct/Indirect sections.

Corner sections and Curve 16 section cannot be used as stand alone fixtures.

End caps & connectors are complete with cable suspension.

Power feed and canopy: One feed for every 12m/40' of the circumference.

Recommended minimum suspension length from ceiling: 12" for White LEDs, 24" for Colored LEDs.

² TC = Twin Circuit

Code	AX1	AX2	АХЗ	AX4	AX5	AX6
Section	Curve 16	Curve 30	Curve 42	Curve 48	Curve 54	Curve 72
Arc°	90°	90°	120°	120°	120°	90°
Radius	16"	30"	42"	48"	54"	72"
Length						
Down/Up Ratio	100/0	100/0	100/0	100/0	100/0	100/0
Wattage	21W	41W	83W	90W	104W	104W
Delivered Ims (White	2057	4081	8167	8864	10132	10294
LEDs only)						
LPW	99	98	98	98	97	99
Code	AX7	AX27	AX8	AX9	AX10	AX11
Section	Straight 28	Straight 36	Straight 47	Straight 72	Straight 95	Curve 30
Arc°						90°
Radius						30"
Length	28"	36"	47"	72"	95"	
Down/Up Ratio	100/0	100/0	100/0	100/0	100/0	73/27
Wattage	28W	35W	40W	69W	92W	55W
Delivered Ims (White	2660	3430	3800	6883	9154	5568
LEDs only)						
LPW	100	99	99	99	99	100
Code	AX12	AX13	AX14	AX15	AX16	AX28
Section	Curve 42	Curve 48	Curve 54	Curve 72	Straight 28	Straight 36
Arc°	120°	120°	120°	90°		
Radius	42"	48"	54"	72"		
Length					28"	36"
Down/Up Ratio	66/34	68/32	71/29	71/29	70/30	70/30
Wattage	125W	132W	146W	146W	35W	49W
Delivered Ims (White	12260	12983	14318	14444	3320	4914
LEDs only)						
LPW	98	99	98	99	101	101
Code	AX17	AX18	AX19	AX20	AX21	AX22
Section	Straight 47	Straight 72	Straight 95	Cross	Corner	End Cap
Arc°						

¹ SC = Single Circuit

Code	AX17	AX18	AX19	AX20	AX21	AX22
Radius						
Length	47"	72"	95"			
Down/Up Ratio	70/30	70/30	70/30	100/0	100/0	
Wattage	58W	97W	135W	43W	21W	
Delivered Ims (White	5510	9853	13740	4150	1900	
LEDs only)						
LPW	102	102	102	98	91	
Cada	AV22	0V2/	4V2E	AVac	AV20	AX31
Code	AX23	AX24	AX25	AX26	AX30	
Section	Connector SC ¹	Connector TC ²	Power feed & canopy SC ¹	Power feed & canopy TC ²	RGBW connector SC ¹	RGBW connector TC ²
Arc°						
Radius						
Length						
Down/Up Ratio						
Wattage						
Delivered Ims (White						
LEDs only)						
LPW						
Code	АХЗЗ	AX29	AX32			
Section	RGBW power feed &	RGBW dim. power	RGBW dim. connector			
	canopy	feed & canopy TC ²	TC ²			
Arc°						
Radius						

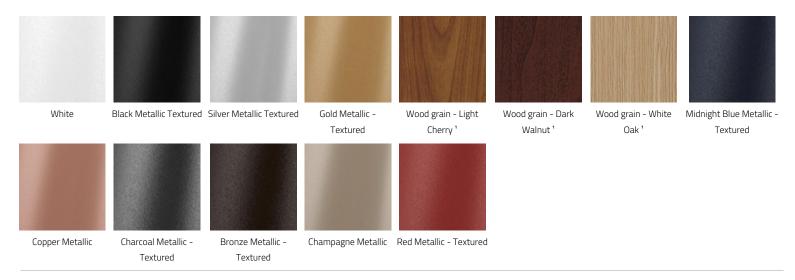
Length

LEDs only) LPW

Down/Up Ratio Wattage

Delivered Ims (White

FINISH



¹ The canopy will be white for wood grain finishes and may incur longer lead times and setup charges. Consult factory for details.

APPROVALS





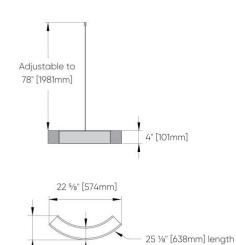






DIMENSIONAL DIAGRAMS

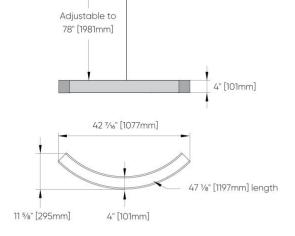
16" Radius



4" [101mm]

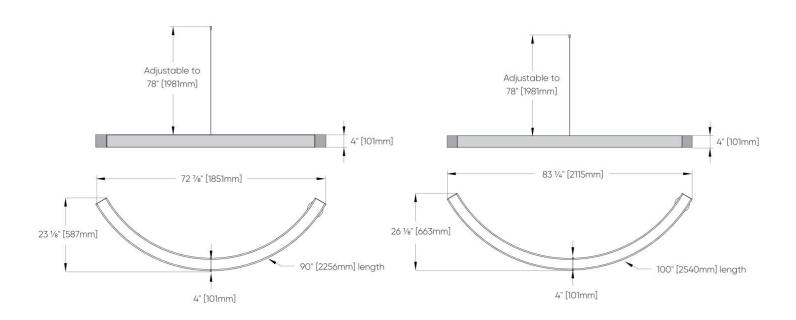
7 ½" [191mm]

30" Radius



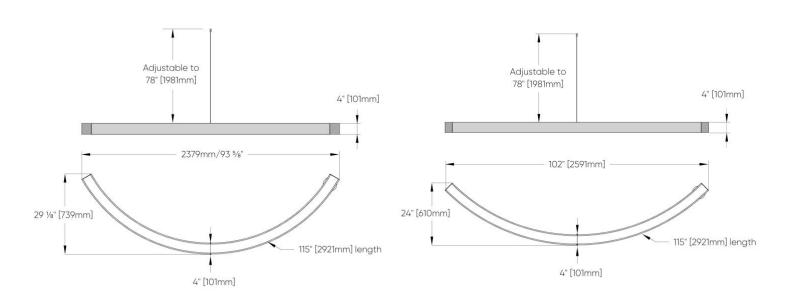
42" Radius

48" Radius

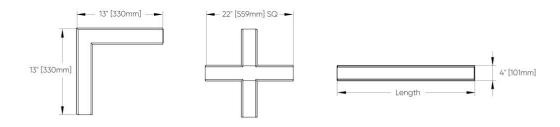


54" Radius

72" Radius



Corner, Cross & Straight Sections



Standard Canopy

RGBW/DMX Canopy

