

# SQUIGGLE™ - CONTINUOUS

Project Name:

Fixture Type:

Fixture Code:

Quantities:



# SQUIGGLE™ - CONTINUOUS



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**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**

**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.

### Diffusers

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.

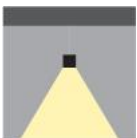
### Delivered Lumens

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

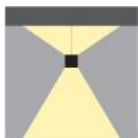
### Approvals

Damp rated.

## MOUNTING & OPTICS



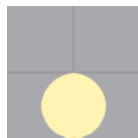
Suspended Direct



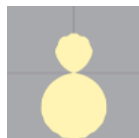
Suspended Direct/Indirect



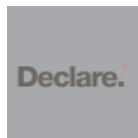
RGBW



Direct



Direct-indirect



Declare



PoE



# SQUIGGLE™ - CONTINUOUS

## HOW TO ORDER

### A. SECTIONS (SEE ORDERING EXAMPLE ABOVE)

<b>AX1</b> Curve 16, 2057 lms	<b>AX2</b> Curve 30, Direct, 4081 lms	<b>AX3</b> Curve 42, Direct, 8167 lms	<b>AX4</b> Curve 48, Direct, 8864 lms
<b>AX5</b> Curve 54, Direct, 10132 lms	<b>AX6</b> Curve 72, Direct, 10294 lms	<b>AX7</b> Straight 28, Direct, 2660 lms	<b>AX27</b> Straight 36, Direct, 3430 lms
<b>AX8</b> Straight 47, Direct, 3800 lms	<b>AX9</b> Straight 72, Direct, 6883 lms	<b>AX10</b> Straight 95, Direct, 9154 lms	<b>AX11</b> Curve 30, Direct/Indirect, 73/27 Ratio, 5568 lms
<b>AX12</b> Curve 42, Direct/Indirect, 66/34 Ratio, 12260 lms	<b>AX13</b> Curve 48, Direct/Indirect, 68/32 Ratio, 12983 lms	<b>AX14</b> Curve 54, Direct/Indirect, 71/29 Ratio, 14318 lms	<b>AX15</b> Curve 72, Direct/Indirect, 71/29 Ratio, 14444 lms
<b>AX16</b> Straight 28, Direct/Indirect, 70/30 Ratio, 3320 lms	<b>AX28</b> Straight 36, Direct/Indirect, 70/30 Ratio, 4914 lms	<b>AX17</b> Straight 47, Direct/Indirect, 70/30 Ratio, 5510 lms	<b>AX18</b> Straight 72, Direct/Indirect, 70/30 Ratio, 9853 lms
<b>AX19</b> Straight 95, Direct/Indirect, 70/30 Ratio, 13740 lms	<b>AX20</b> Cross, Direct, 4150 lms	<b>AX21</b> Corner, Direct, 1900 lms	<b>AX22</b> End Cap
<b>AX23</b> Connector SC <sup>1</sup>	<b>AX24</b> Connector TC <sup>2</sup>	<b>AX25</b> Power feed & canopy SC <sup>1</sup>	<b>AX26</b> Power feed & canopy TC <sup>2</sup>
<b>AX30</b> RGBW connector SC <sup>1</sup>	<b>AX31</b> RGBW connector TC <sup>2</sup>	<b>AX33</b> RGBW power feed & canopy	<b>AX29</b> RGBW dim. power feed & canopy TC <sup>2</sup>
<b>AX32</b> RGBW dim. connector TC <sup>2</sup>			

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.

<sup>1</sup> SC = Single Circuit

<sup>2</sup> TC = Twin Circuit

### B. CCT/COLOR (DIRECT)

<b>J2</b> 3000K (min 80 CRI)	<b>J3</b> 3500K (min 80 CRI)	<b>J4</b> 4000K (min 80 CRI)	<b>J7</b> Red
<b>J8</b> Green	<b>J9</b> Blue	<b>J10</b> RGBW	

RGBW: to calculate wattage, reference IES files.

### C. CCT/COLOR (INDIRECT)

<b>K0</b> Indirect CCT not required	<b>K2</b> 3000K (min 80 CRI)	<b>K3</b> 3500K (min 80 CRI)	<b>K4</b> 4000K (min 80 CRI)
<b>K7</b> Red	<b>K8</b> Green	<b>K9</b> Blue	<b>K10</b> RGBW

RGBW: to calculate wattage, reference IES files.

### D. FINISH

<b>F1</b> White	<b>F2</b> Black Metallic Textured	<b>F20</b> Silver Metallic Textured	<b>FA25</b> Gold Metallic - Textured
<b>F27</b> Wood grain - Light Cherry <sup>1</sup>	<b>F28</b> Wood grain - Dark Walnut <sup>1</sup>	<b>FA44</b> Midnight Blue Metallic - Textured	<b>FA45</b> Copper Metallic
<b>FA46</b> Charcoal Metallic - Textured	<b>FA47</b> Bronze Metallic - Textured	<b>FA52</b> Champagne Metallic	<b>FA53</b> Red Metallic - Textured

<sup>1</sup> The canopy will be white for fixtures with the wood grain finishes F27 & F28.

<sup>1</sup> Longer than normal lead times and premium pricing may apply, consult factory.



# SQUIGGLE™ - CONTINUOUS

## E. DIMMING (DIRECT)

<b>CB0</b> Direct dimming not required	<b>CB1</b> 0-10V Dimming 1.0%	<b>CB2</b> 0-10V Dimming 0.1% <sup>1</sup>	<b>CB3</b> 347V, 0-10V Dimming (1.0%)
<b>CB4</b> DALI Dimming 0.1% <sup>1</sup>	<b>CB5</b> DALI Dimming 1.0% <sup>1</sup>	<b>CB6</b> DSI (EU only) <sup>1 2</sup>	<b>CB7</b> switchDim (EU only) <sup>1 2</sup>
<b>CB11</b> DMX Dimming	<b>CB12</b> PoE <sup>3</sup>		

<sup>1</sup> Not available in 347V.

<sup>2</sup> Not available in North America.

<sup>3</sup> Must be used with EV only.

## F. DIMMING (INDIRECT)

<b>CC0</b> Indirect dimming not required	<b>CC1</b> 0-10V Dimming 1.0%	<b>CC2</b> 0-10V Dimming 0.1% <sup>1</sup>	<b>CC3</b> 347V, 0-10V Dimming (1.0%)
<b>CC4</b> DALI Dimming 0.1% <sup>1</sup>	<b>CC5</b> DALI Dimming 1.0% <sup>1</sup>	<b>CC7</b> switchDim (EU only) <sup>1 2</sup>	<b>CC11</b> DMX Dimming
<b>CC12</b> PoE <sup>3</sup>			

<sup>1</sup> Not available in 347V.

<sup>2</sup> Not available in North America.

<sup>3</sup> Must be used with EV only.

## G. LUMEN OUTPUT

<b>L0</b> 100% of standard output	<b>L1</b> Lumen & wattage reduction to approximately 75% of standard output	<b>L2</b> Lumen & wattage reduction to approximately 50% of standard output	<b>L3</b> Lumen & wattage reduction to approximately 25% of standard output
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**Note:** Custom reduction percentages available upon request.

## H. EMERGENCY

<b>E0</b> Emergency system not required	<b>E1</b> Emergency system - integral, not available with CB3 or SAX1
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## I. CONTROLS

<b>C0</b> Controls not required	<b>C1</b> Encelium/Zigbee control
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## J. SEPARATE SWITCHING

<b>W0</b> Single circuit	<b>W1</b> Separate Switching
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## K. DIFFUSER

<b>U0</b> Uplight diffuser not required	<b>U1</b> Clear Diffuser	<b>U2</b> Opal Diffuser <sup>1</sup>
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## L. OPTIONAL LOW VOLTAGE

<b>EV</b> Low Voltage
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<sup>1</sup> To be used with CB12 & CC12 only.



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## TECHNICAL DATA



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## SECTIONS

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

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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.

<sup>1</sup> SC = Single Circuit

<sup>2</sup> TC = Twin Circuit

<b>Code</b>	<b>AX1</b>	<b>AX2</b>	<b>AX3</b>	<b>AX4</b>	<b>AX5</b>	<b>AX6</b>
<b>Section</b>	Curve 16	Curve 30	Curve 42	Curve 48	Curve 54	Curve 72
<b>Arc°</b>	90°	90°	120°	120°	120°	90°
<b>Radius</b>	16"	30"	42"	48"	54"	72"
<b>Length</b>						
<b>Down/Up Ratio</b>	100/0	100/0	100/0	100/0	100/0	100/0
<b>Wattage</b>	21W	41W	83W	90W	104W	104W
<b>Delivered lms (White LEDs only)</b>	2057	4081	8167	8864	10132	10294
<b>LPW</b>	99	98	98	98	97	99
<b>Code</b>	<b>AX7</b>	<b>AX27</b>	<b>AX8</b>	<b>AX9</b>	<b>AX10</b>	<b>AX11</b>
<b>Section</b>	Straight 28	Straight 36	Straight 47	Straight 72	Straight 95	Curve 30
<b>Arc°</b>						90°
<b>Radius</b>						30"
<b>Length</b>	28"	36"	47"	72"	95"	
<b>Down/Up Ratio</b>	100/0	100/0	100/0	100/0	100/0	73/27
<b>Wattage</b>	28W	35W	40W	69W	92W	55W
<b>Delivered lms (White LEDs only)</b>	2660	3430	3800	6883	9154	5568
<b>LPW</b>	100	99	99	99	99	100
<b>Code</b>	<b>AX12</b>	<b>AX13</b>	<b>AX14</b>	<b>AX15</b>	<b>AX16</b>	<b>AX28</b>
<b>Section</b>	Curve 42	Curve 48	Curve 54	Curve 72	Straight 28	Straight 36
<b>Arc°</b>	120°	120°	120°	90°		
<b>Radius</b>	42"	48"	54"	72"		
<b>Length</b>					28"	36"
<b>Down/Up Ratio</b>	66/34	68/32	71/29	71/29	70/30	70/30
<b>Wattage</b>	125W	132W	146W	146W	35W	49W
<b>Delivered lms (White LEDs only)</b>	12260	12983	14318	14444	3320	4914
<b>LPW</b>	98	99	98	99	101	101
<b>Code</b>	<b>AX17</b>	<b>AX18</b>	<b>AX19</b>	<b>AX20</b>	<b>AX21</b>	<b>AX22</b>
<b>Section</b>	Straight 47	Straight 72	Straight 95	Cross	Corner	End Cap
<b>Arc°</b>						



# SQUIGGLE™ - CONTINUOUS

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 lms (White LEDs only)	5510	9853	13740	4150	1900	
LPW	102	102	102	98	91	
Code	AX23	AX24	AX25	AX26	AX30	AX31
Section	Connector SC <sup>1</sup>	Connector TC <sup>2</sup>	Power feed & canopy SC <sup>1</sup>	Power feed & canopy TC <sup>2</sup>	RGBW connector SC <sup>1</sup>	RGBW connector TC <sup>2</sup>
Arc°						
Radius						
Length						
Down/Up Ratio						
Wattage						
Delivered lms (White LEDs only)						
LPW						
Code	AX33	AX29	AX32			
Section	RGBW power feed & canopy	RGBW dim. power feed & canopy TC <sup>2</sup>	RGBW dim. connector TC <sup>2</sup>			
Arc°						
Radius						
Length						
Down/Up Ratio						
Wattage						
Delivered lms (White LEDs only)						
LPW						

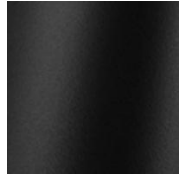


# SQUIGGLE™ - CONTINUOUS

## FINISH



White



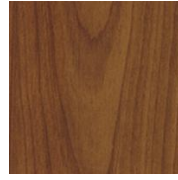
Black Metallic Textured



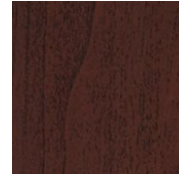
Silver Metallic  
Textured



Gold Metallic -  
Textured



Wood grain - Light  
Cherry <sup>1</sup>



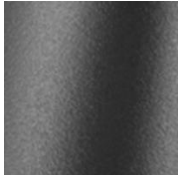
Wood grain - Dark  
Walnut <sup>1</sup>



Midnight Blue Metallic -  
Textured



Copper Metallic



Charcoal Metallic -  
Textured



Bronze Metallic -  
Textured



Champagne Metallic



Red Metallic -  
Textured

<sup>1</sup> The canopy will be white for fixtures with the wood grain finishes F27 & F28.

<sup>1</sup> Longer than normal lead times and premium pricing may apply, consult factory.

## APPROVALS



DAMP  
LOCATION



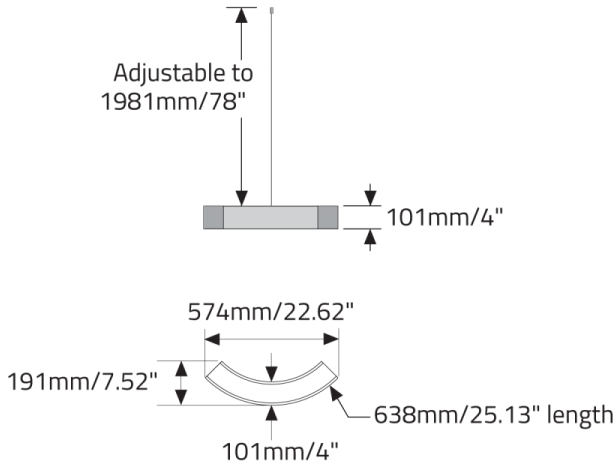
IP20



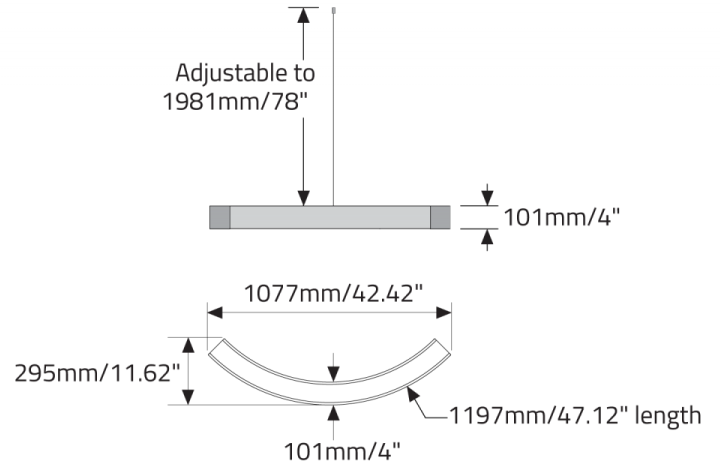
# SQUIGGLE™ - CONTINUOUS

## DIMENSIONAL DIAGRAMS

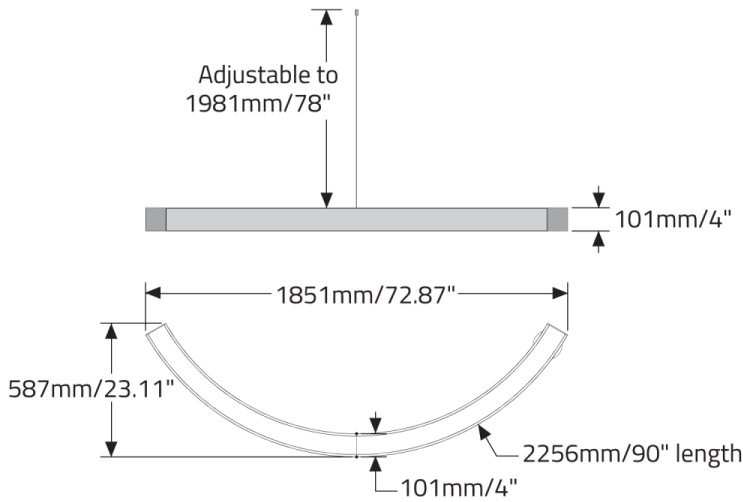
Radius 16"



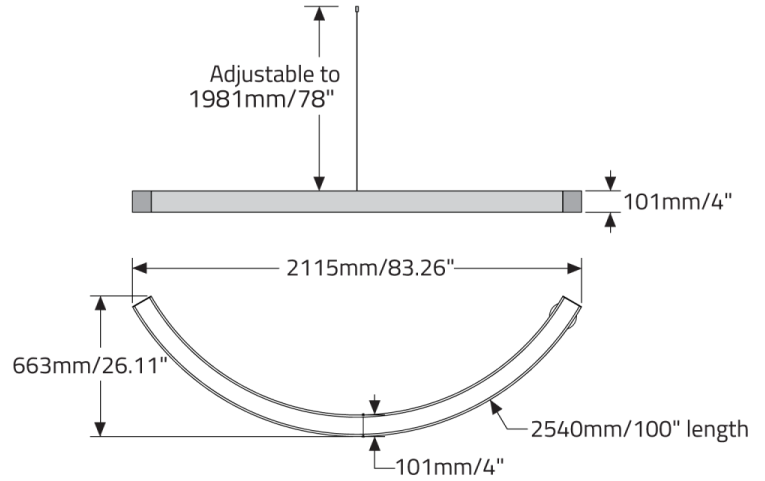
Radius 30"



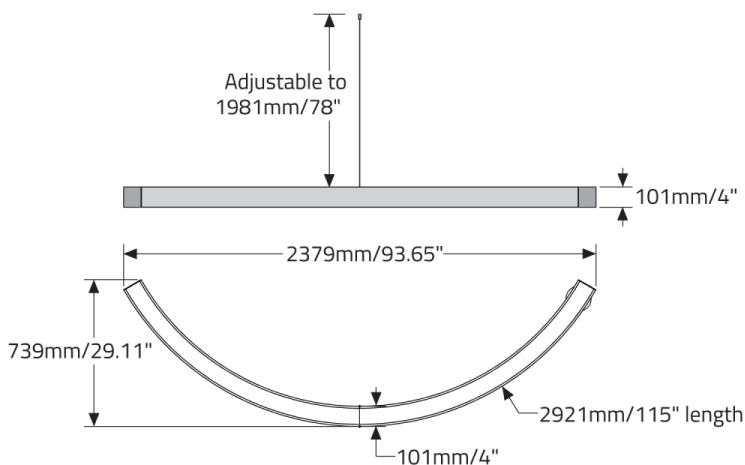
Radius 42"



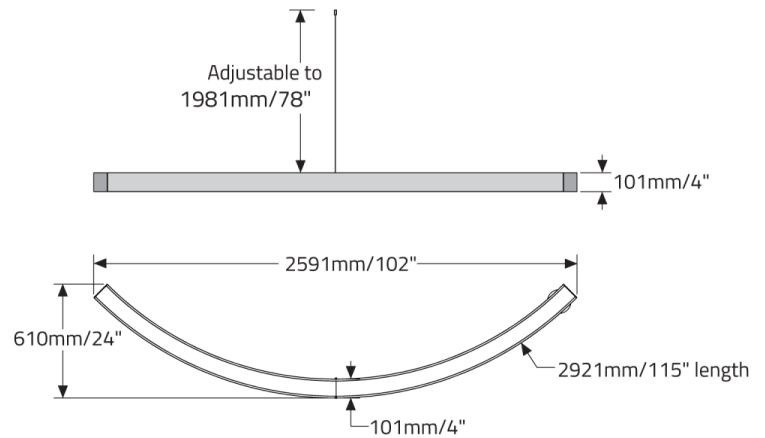
Radius 48"



Radius 54"

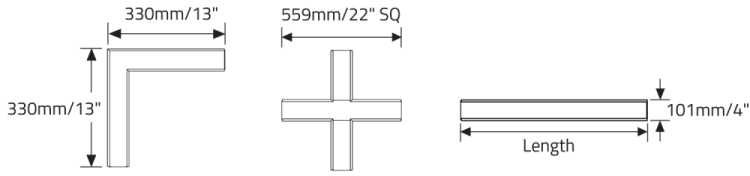


Radius 72"

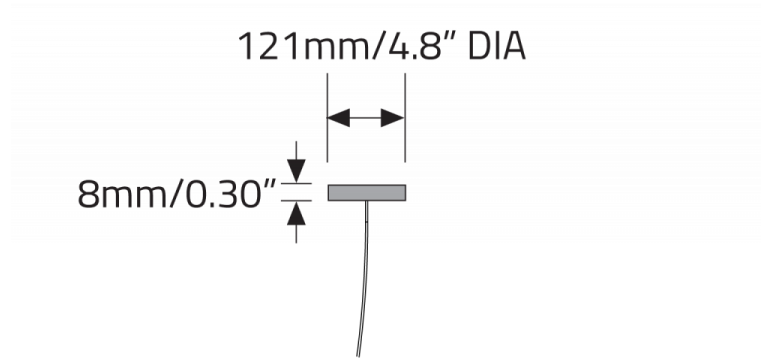


# SQUIGGLE™ - CONTINUOUS

Corner, Cross & Straight Sections



Standard Canopy



RGBW / DMX Canopy

