

## Connect Gemi 15° Linear Grazer

# AC LINEAR LIGHT SYSTEM High-performance DMX Exterior LED grazer

### **General Information**

Mains 100 to 277VAC Input Plug and Play linear system Module lengths 305mm, 1219mm
Single Colour White 2200k, 2700k, 3000k, 3500k, 4000k
Dynamic White
RGB W(3000k)
RGBA
CRI>80
15° Linear Grazer
Interior/Exterior IP66
Tiltable





### Available with the following technology options:

- 'Coda' Intuitive RDM Protocol
- 'Forte' Power Balance ZCL
- 'Tone' RGB+W White Balance
- 'Sense' SIP Settable White (Patented)
- 'Shift' SIP/Bluetooth Settable Colour (Patent Pending)
- 'Token' DMX PT-Auto Addressing (Patented)

### TECHNOLOGY EXPLANATION

### 'Shift' = SIP/Bluetooth Settable Color (Patent Pending)

Make your lighting the same colour hue as your corporate colour? With Shift, it is now as easy as point and click.

Take your smart phone and snap a shot, tap the phone on the Arco Illumination Shift enabled fixture and see the result in real time. No complicated and frustrating back and forth communication with your designer or integrator. Just your smart phone and an Arco fixture is all you need.

### 'Coda' = Intuitive RDM Protocol

Remote Device Manage (RDM), has gradually become a great tool in Architectural LED control projects. With theatrical application as its origin, RDM is strict in protocol definition and it is very challenging to comply fully to all standards.

Coda firmware passes more than 16,000 items tested via Plugfest and is proven to be 100% RDM compatible. Coda provides multiple personalities and great architectural lighting features like Hue, Saturation, and Value control.

#### 'Forte' = Power Balance ZCL

RGBW LED fixtures can create dynamic and dramatic colour changing lighting effect while possessing the capability of also offering white illumination. However, typical RGBW fixtures have limited power in individual R,G,B,W colour allocation as it has to divide the power by 4. Though functional and eventful to create dynamic colour changing light effects, it often lacks the "punch" and brightness in individual static colour/white light presentations. With Forta technology there is no longer such a compromise. Forta RGBW fixtures deliver individual colour at a balanced maximum power that the fixture supports thus offering abundant light in all colour lighting applications.

### 'Tone' = RGB+W White Balance

White light can be created by the mixing of Red, Green and Blue. To create a high CRI pure white of various colour temperature (CCT), not only does the control formula need to be mathematically correct but it also takes ingenious programming and optical design combined with a well-controlled production process.

Tone delivers true, white-balanced illumination tuned along the black body curve offering you the most pure of whites.

### 'Sense' = SIP Settable White (Patented)

To match the colour temperature with the decoration and/or scenes is crucial in the design process, but to have complicated and expensive CCT tuneable white system/luminaries installed for often one-time setup is a waste of resources and is tedious. Sense fixtures don't need a data wire nor control system. With a swipe and tap of your phone in the installation stage, you can tune the CCT to your desired setup.

### 'Token' = DMX PT-Auto Addressing (Patented)

A unique approach to fixture auto addressing.

Due to continuous improvements and innovations, specifications may change without notice.

Output	Condition
Beam Angle (frosted)	15°
Beam Angle (optional)	See additional Gemi specification
Lumens* DW 2700K CCT (80CRI)	2,150lm
Lumens* DW 3000K CCT (80CRI)	2,800lm
Lumens* DW 3500K CCT (80CRI)	3,250lm
Lumens* DW 4000K CCT (80CRI)	3,290lm
Lumens* Native (full on)	2080lm
Lumens* Red (624-634nm)	615lm
Lumens* Green (520-540nm)	4600lm
Lumens* Royal Blue (440-460nm)	720m
Lumens* White (RGBW Model, 3000K CCT, 80CRI)	3,900lm
Lumens* PC Amber (RGBA Model)	N/A
Efficacy* (native, full-on, lm/W)	40lm/W
LED Channels (4)	Red, Green, Royal Blue, White (3000K) or PC Amber

Electrical	Condition
Input Voltage	100 to 277VAC, auto-ranging, 50/60Hz
Power Consumption	49.2w/m Typ
Power Factor	0.99 @ 120VAC, 0.90 @ 277VAC
Surge	4kV maximum common (Gnd to L, Gnd to N)

Control	Condition
Luminaire	DMX (RDM compliant)
Control System	Provided by Others
Interface	Provided by Others
Remote Monitoring & Management	Provided by Others

<sup>\*</sup>Calculated Values: 1219mm / 48 inch

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Physical	Condition
Dimensions (Height x Width x Length)	59 x 62 x 305/1219mm (2.3 x 2.4 x 12/48inch)
Weight	1.0 kg (2.2 lb) 305mm, 3.2 kg (7.0 lb) 1219mm
Housing Material	Extruded aluminum, black powder-coated finish
Lens	Clear tempered glass
Connections	Integral male/female quick connectors

Environment	Condition
	-40 to 50° C (-40 to 122° F) Operating
Temperature Ranges	-20 to 50° C (-4 to 122° F) Startup
	-40 to 80° C (-40 to 176° F) Storage
Vibration Resistance	Complies with ANSI C136.31, 3G
Impact (Mechanical)	IK08 (IK10 with Wire Rock Guard accessory)
Corrosion Resistance	Complies with ASTM B117 standard for > 1,500 hours
Humidity	0 to 95%, non-condensing

Certification & Safety	Condition
Approbation	ETL, CE
Environment	Dry/Damp/Wet Location, IP66

### Dimensions



### **Photometrics**

15° Clear, 1219mm

Photometric Data	Condition
Beam Angle	17.2°
LED	RGBW (3000K)
Lumens (lm)	2,064lm
Input Power (W)	52W
Efficacy (lm/W)	39.7lm/W
Peak Candela (Cd)	13,880Cd

Zone	Lumens	% Luminaire
0-30	1,679.3	82.1
0-40	1,827.0	89.4
0-60	1,994.8	97.6
60-90	47.3	2.3
70-100	13.9	0.7
90-120	2.1	0.1
0-90	2,042.1	99.9
90-180	2.1	0.1
0-180	2,044.2	100

C	enter Beam (fc/lx)	Beam Width (cm)
1.5m	571.35 / 6149.96	45.37
2.0m	321.38 / 3459.35	60.49
4.0m	80.35 / 864.84	120.99
4.5m	63.48 / 683.33	136.11
6.0m	35.71 / 384.37	181.48

### Luminaire and Accessories

Luminaire	Item Code
305mm Outdoor RGBW 15° Linear Graze (DMX-RDM)	M11-00000764-0001-002
1219mm Outdoor RGBW 15° Linear Graze (DMX-RDM)	M11-00000765-0001-002
305mm Outdoor RGBA 15° Linear Graze (DMX-RDM)	M11-00000764-0001-001
1219mm Outdoor RGBA 15° Linear Graze (DMX-RDM)	M11-00000765-0001-001

Accessories	Item Code
10' Starter Cable + Cap	T16-00000328-0001
2' Jumper Cable	T16-00000329-0001
Data Terminator Plug	T16-00000326-0001



## Connect Gemi 17x35° Linear Grazer

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Dynamic White
RGB W(3000k)
RGBA
CRI>80
17x35° Linear Grazer
Interior/Exterior IP66
Tiltable





### Available with the following technology options:

- 'Coda' Intuitive RDM Protocol
- 'Forte' Power Balance ZCL
- 'Tone' RGB+W White Balance
- 'Sense' SIP Settable White (Patented)
- 'Shift' SIP/Bluetooth Settable Colour (Patent Pending)
- 'Token' DMX PT-Auto Addressing (Patented)

### TECHNOLOGY EXPLANATION

### 'Shift' = SIP/Bluetooth Settable Color (Patent Pending)

Make your lighting the same colour hue as your corporate colour? With Shift, it is now as easy as point and click.

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Coda firmware passes more than 16,000 items tested via Plugfest and is proven to be 100% RDM compatible. Coda provides multiple personalities and great architectural lighting features like Hue, Saturation, and Value control.

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### 'Token' = DMX PT-Auto Addressing (Patented)

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Output	Condition
Beam Angle (frosted)	17 x 35°
Beam Angle (optional)	See additional Gemi specification
Lumens* DW 2700K CCT (80CRI)	1,960lm
Lumens* DW 3000K CCT (80CRI)	2,600lm
Lumens* DW 3500K CCT (80CRI)	3,175lm
Lumens* DW 4000K CCT (80CRI)	3,200lm
Lumens* Native (full on)	1,980lm
Lumens* Red (624-634nm)	560lm
Lumens* Green (520-540nm)	4,365lm
Lumens* Royal Blue (440-460nm)	640lm
Lumens* White (RGBW Model, 3000K CCT, 80CRI)	3,680lm
Lumens* PC Amber (RGBA Model)	N/A
Efficacy* (native, full-on, lm/W)	38lm/W
LED Channels (4)	Red, Green, Royal Blue, White (3000K) or PC Amber

Electrical	Condition
Input Voltage	100 to 277VAC, auto-ranging, 50/60Hz
Power Consumption	49.2w/m Typ
Power Factor	0.99 @ 120VAC, 0.90 @ 277VAC
Surge	4kV maximum common (Gnd to L, Gnd to N)

Control	Condition
Luminaire	DMX (RDM compliant)
Control System	Provided by Others
Interface	Provided by Others
Remote Monitoring & Management	Provided by Others

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Physical	Condition
Dimensions (Height x Width x Length)	59 x 62 x 305/1219mm (2.3 x 2.4 x 12/48inch)
Weight	1.0 kg (2.2 lb) 305mm, 3.2 kg (7.0 lb) 1219mm
Housing Material	Extruded aluminum, black powder-coated finish
Lens	Clear tempered glass
Connections	Integral male/female quick connectors

Environment	Condition
Temperature Ranges	-40 to 50° C (-40 to 122° F) Operating
	-20 to 50° C (-4 to 122° F) Startup
	-40 to 80° C (-40 to 176° F) Storage
Vibration Resistance	Complies with ANSI C136.31, 3G
Impact (Mechanical)	IK08 (IK10 with Wire Rock Guard accessory)
Corrosion Resistance	Complies with ASTM B117 standard for > 1,500 hours
Humidity	0 to 95%, non-condensing

Certification & Safety	Condition
Approbation	ETL, CE
Environment	Dry/Damp/Wet Location, IP66

### Dimensions



### Photometrics

17x35° Clear, 1219mm

Photometric Data	Condition
Beam Angle	16.9 x 35.9°
LED	RGBW (3000K)
Lumens (Im)	1,970
Input Power (W)	52W
Efficacy (lm/W)	37.9lm/W
Peak Candela (Cd)	6,705Cd

Zone	Lumens	% Luminaire
0-30	1,607.9	82.0
0-40	1,806.8	92.1
0-60	1,929.4	98.4
60-90	29.3	1.5
70-100	11.5	0.6
90-120	1.9	0.1
0-90	1,958.8	99.9
90-180	1.9	0.1
0-180	1,960.7	100

C	enter Beam (fc/lx)	Beam Width (cm)
1.5m	276.83 / 2,979.82	70.36
2.0m	155.72 / 1,676.15	93.82
4.0m	38.93 / 419.04	187.64
4.5m	30.76 / 331.09	211.09
6.0m	17.30 / 186.24	281.46

### Luminaire and Accessories

Luminaire	Item Code
305mm Outdoor RGBW 17x35° Linear Graze (DMX-RDM)	M11-00000535-0001-002
1219mm Outdoor RGBW 17x35° Linear Graze (DMX-RDM)	M11-00000536-0001-002
305mm Outdoor RGBA 17x35° Linear Graze (DMX-RDM)	M11-00000535-0001-001
1219mm Outdoor RGBA 17x35° Linear Graze (DMX-RDM)	M11-00000536-0001-001

Accessories	Item Code
10' Starter Cable + Cap	T16-00000328-0001
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Dynamic White
RGB W(3000k)
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15° Linear Grazer
Interior IP40
Tiltable





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### 'Token' = DMX PT-Auto Addressing (Patented)

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Output	Condition
Beam Angle	15°
Beam Angle (optional)	See additional Rosi specification
Lumens* DW 2700K CCT (80CRI)	720 lm/m
Lumens* DW 3000K CCT (80CRI)	1150 lm/m
Lumens* DW 3500K CCT (80CRI)	1100 lm/m
Lumens* DW 4000K CCT (80CRI)	833 lm/m
Lumens* 100%	1340 lm/m
Lumens* Red (624-634nm)	606 lm/m
Lumens* Green (520-540nm)	1340 lm/m
Lumens* Royal Blue (440-460nm)	440 lm/m
Lumens* White (RGBW Model, 3000K CCT, 80CRI)	1150 lm/m
Lumens* PC Amber (RGBA Model)	xxx lm/m
Efficacy* (native, full-on, lm/W)	32lm/W
LED Channels (4)	Red, Green, Royal Blue, White (3000K) or PC Amber

Electrical	Condition
Input Voltage	100 to 277VAC, auto-ranging, 50/60Hz
Power Consumption	10W Typ (per linear foot, steady state)
Power Factor	0.99 @ 120VAC, 0.90 @ 277VAC
Surge	4kV maximum common (Gnd to L, Gnd to N)

Control	Condition
Luminaire	DMX (RDM compliant)
Control System	Provided by Others
Interface	Provided by Others
Remote Monitoring & Management	Provided by Others

### \*Calculated Values:

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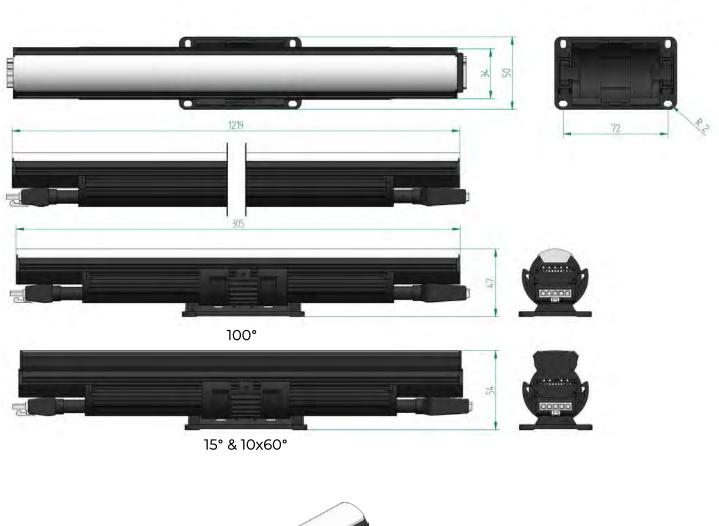
Due to continuous improvements and innovations, specifications may change without notice.

Physical	Condition
Dimensions (Height x Width x Length)	54 x 50 x 305/1219mm (2.1 x 2.0 x 12/48inch)
Weight	0.6 kg (1.32 lb) 305mm, 1.8 kg (3.96 lb) 1219mm,
Housing Material	Extruded aluminum, black powder-coated finish
Lens	Clear polycarbonate
Connections	Integral male/female quick connectors

Environment	Condition
Temperature Ranges	-40 to 50° C (-40 to 122° F) Operating
	-20 to 50° C (-4 to 122° F) Startup
	-40 to 80° C (-40 to 176° F) Storage
Vibration Resistance	N/A
Impact (Mechanical)	N/A
Corrosion Resistance	N/A
Humidity	0 to 95%, non-condensing

Certification & Safety	Condition
Approbation	ETL, CE
Environment	Dry/Damp Location, IP40

### Dimensions





### Photometrics

15° Clear, 1219mm

Photometric Data	Condition
Beam Angle	17.1°
LED	RGBW (3000K)
Lumens (Im)	1344.3lm
Input Power (W)	44.36W
Efficacy (lm/W)	30.3lm/W
Peak Candela (Cd)	4025Cd

Zone	Lumens	% Luminaire
0-30	1,119.1	83.4
0-40	1,206.0	89.9
0-60	1,308.0	97.4
60-90	34.3	2.6
0-90	1,342.3	100

	Center Beam (fc/lx)	Beam Width (cm)
1.5m	372.53 / 4009.93	45.10
2.0m	209.55 / 2255.59	60.14
4.0m	52.38 / 563.90	120.27
4.5m	41.39 / 445.55	135.31
6.0m	23.28 / 250.62	180.41

### Luminaire and Accessories

Luminaire	Item Code
305mm Indoor RGBW 15° Linear Cove (DMX-RDM)	M11-00000679-0001-001
1219mm Indoor RGBW 15° Linear Cove (DMX-RDM)	M11-00000656-0001-001
305mm Indoor RGBA 15° Linear Cove (DMX-RDM)	M11-00000679-0001-002
1219mm Indoor RGBA 15° Linear Cove (DMX-RDM)	M11-00000656-0001-002

Accessories	Item Code
10' Starter Cable + Cap	T16-00000054-0006
2' Jumper Cable	T16-00000352-0001
Data Terminator Plug	T16-00000054-0010



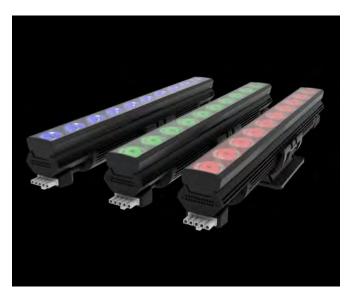
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Output	Condition
Beam Angle (frosted)	17x35°
Beam Angle (optional)	See additional Rosi specification
Lumens* DW 2700K CCT (80CRI)	575 lm/m
Lumens* DW 3000K CCT (80CRI)	525 lm/m
Lumens* DW 3500K CCT (80CRI)	575 lm/m
Lumens* DW 4000K CCT (80CRI)	620 lm/m
Lumens* 100%	1215 lm/m
Lumens* Red (624-634nm)	490 lm/m
Lumens* Green (520-540nm)	1215 lm/m
Lumens* Royal Blue (440-460nm)	425 lm/m
Lumens* White (RGBW Model, 3000K CCT, 80CRI)	985 lm/m
Lumens* PC Amber (RGBA Model)	TBD lm/m
Efficacy* (native, full-on, lm/W)	32lm/W
LED Channels (4)	Red, Green, Royal Blue, White (3000K) or PC Amber

Electrical	Condition
Input Voltage	100 to 277VAC, auto-ranging, 50/60Hz
Power Consumption	32.8w/m Typ
Power Factor	0.99 @ 120VAC, 0.90 @ 277VAC
Surge	4kV maximum common (Gnd to L, Gnd to N)

Control	Condition
Luminaire	DMX (RDM compliant)
Control System	Provided by Others
Interface	Provided by Others
Remote Monitoring & Management	Provided by Others

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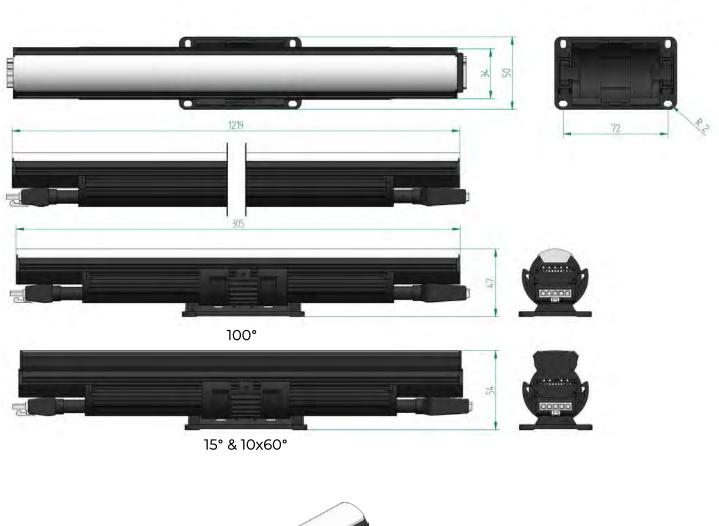
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Physical	Condition
Dimensions (Height x Width x Length)	54 x 50 x 305/1219mm (2.1 x 2.0 x 12/48inch)
Weight	0.6 kg (1.32 lb) 305mm, 1.8 kg (3.96 lb) 1219mm
Housing Material	Extruded aluminum, black powder-coated finish
Lens	Clear polycarbonate
Connections	Integral male/female quick connectors

Environment	Condition
Temperature Ranges	-40 to 50° C (-40 to 122° F) Operating
	-20 to 50° C (-4 to 122° F) Startup
	-40 to 80° C (-40 to 176° F) Storage
Vibration Resistance	N/A
Impact (Mechanical)	N/A
Corrosion Resistance	N/A
Humidity	0 to 95%, non-condensing

Certification & Safety	Condition
Approbation	ETL, CE
Environment	Dry/Damp Location, IP40

### Dimensions





### **Photometrics**

17x35° Clear, 1219mm

Photometric Data	Condition
Beam Angle	19.1 x 35.2°
LED	RGBW (3000K)
Lumens (Im)	1474lm
Input Power (W)	46.66W
Efficacy (lm/W)	32m/W
Peak Candela (Cd)	4776Cd

Zone	Lumens	% Luminaire
0-30	1,147.9	78.2
0-40	1,271.5	86.7
0-60	1,397.8	95.3
60-90	43.8	3.0
70-100	18.2	1.2
90-120	5.5	0.4
0-90	1,441.6	97.8
90-180	25.6	1.7
0-180	1,467.2	99.5

	Center Beam (fc/lx)	Beam Width (cm)
1.5m	192.89 / 2076.32	73.41
2.0m	108.50 / 1167.93	97.88
4.0m	27.13 / 291.98	195.76
4.5m	21.43 / 230.70	220.23
6.0m	12.05 / 129.77	293.64

### Luminaire and Accessories

Luminaire	Item Code
1' Indoor RGBW 17x35° Linear Cove (DMX-RDM)	M11-00000679-0003-001
4' Indoor RGBW 17x35° Linear Cove (DMX-RDM)	M11-00000656-0003-001
1' Indoor RGBA 17x35° Linear Cove (DMX-RDM)	M11-00000679-0003-002
4' Indoor RGBA 17x35° Linear Cove (DMX-RDM)	M11-00000656-0003-002

Accessories	Item Code
10' Starter Cable + Cap	T16-00000054-0006
2' Jumper Cable	T16-00000352-0001
Data Terminator Plug	T16-00000054-0010



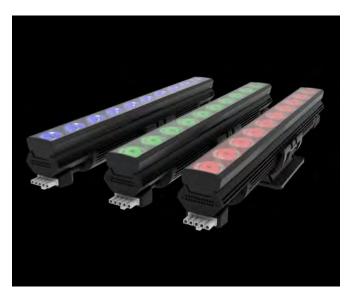
## Connect Rosi 100° Linear Cove

# AC LINEAR LIGHT SYSTEM High-performance DMX Interior Cove fixture

### **General Information**

Mains 100 to 277VAC Input Plug and Play linear system Module lengths 305mm, 1219mm
Single Colour White 2200k, 2700k, 3000k, 3500k, 4000k
Dynamic White
RGB W(3000k)
RGBA
CRI>80
100° Linear Cove
Interior IP40
Tiltable





### Available with the following technology options:

- 'Coda' Intuitive RDM Protocol
- 'Forte' Power Balance ZCL
- 'Tone' RGB+W White Balance
- 'Sense' SIP Settable White (Patented)
- 'Shift' SIP/Bluetooth Settable Colour (Patent Pending)
- 'Token' DMX PT-Auto Addressing (Patented)

### TECHNOLOGY EXPLANATION

### 'Shift' = SIP/Bluetooth Settable Color (Patent Pending)

Make your lighting the same colour hue as your corporate colour? With Shift, it is now as easy as point and click.

Take your smart phone and snap a shot, tap the phone on the Arco Illumination Shift enabled fixture and see the result in real time. No complicated and frustrating back and forth communication with your designer or integrator. Just your smart phone and an Arco fixture is all you need.

### 'Coda' = Intuitive RDM Protocol

Remote Device Manage (RDM), has gradually become a great tool in Architectural LED control projects. With theatrical application as its origin, RDM is strict in protocol definition and it is very challenging to comply fully to all standards.

Coda firmware passes more than 16,000 items tested via Plugfest and is proven to be 100% RDM compatible. Coda provides multiple personalities and great architectural lighting features like Hue, Saturation, and Value control.

#### 'Forte' = Power Balance ZCL

RGBW LED fixtures can create dynamic and dramatic colour changing lighting effect while possessing the capability of also offering white illumination. However, typical RGBW fixtures have limited power in individual R,G,B,W colour allocation as it has to divide the power by 4. Though functional and eventful to create dynamic colour changing light effects, it often lacks the "punch" and brightness in individual static colour/white light presentations. With Forta technology there is no longer such a compromise. Forta RGBW fixtures deliver individual colour at a balanced maximum power that the fixture supports thus offering abundant light in all colour lighting applications.

### 'Tone' = RGB+W White Balance

White light can be created by the mixing of Red, Green and Blue. To create a high CRI pure white of various colour temperature (CCT), not only does the control formula need to be mathematically correct but it also takes ingenious programming and optical design combined with a well-controlled production process.

Tone delivers true, white-balanced illumination tuned along the black body curve offering you the most pure of whites.

### 'Sense' = SIP Settable White (Patented)

To match the colour temperature with the decoration and/or scenes is crucial in the design process, but to have complicated and expensive CCT tuneable white system/luminaries installed for often one-time setup is a waste of resources and is tedious. Sense fixtures don't need a data wire nor control system. With a swipe and tap of your phone in the installation stage, you can tune the CCT to your desired setup.

### 'Token' = DMX PT-Auto Addressing (Patented)

A unique approach to fixture auto addressing.

Due to continuous improvements and innovations, specifications may change without notice.

Output	Condition
Beam Angle (frosted)	100°
Beam Angle (optional)	See additional Rosi specification
Lumens* DW 2700K CCT (80CRI)	705 lm/m
Lumens* DW 3000K CCT (80CRI)	605 lm/m
Lumens* DW 3500K CCT (80CRI)	656 lm/m
Lumens* DW 4000K CCT (80CRI)	720 lm/m
Lumens* 100%	1345 lm/m
Lumens* Red (624-634nm)	540 lm/m
Lumens* Green (520-540nm)	1345 lm/m
Lumens* Royal Blue (440-460nm)	425 lm/m
Lumens* White (RGBW Model, 3000K CCT, 80CRI)	1050 lm/m
Lumens* PC Amber (RGBA Model)	TBD Im (per linear foot)
Efficacy* (native, full-on, lm/W)	38lm/W
LED Channels (4)	Red, Green, Royal Blue, White (3000K) or PC Amber

Electrical	Condition
Input Voltage	100 to 277VAC, auto-ranging, 50/60Hz
Power Consumption	32.8w/m Typ
Power Factor	0.99 @ 120VAC, 0.90 @ 277VAC
Surge	4kV maximum common (Gnd to L, Gnd to N)

Control	Condition
Luminaire	DMX (RDM compliant)
Control System	Provided by Others
Interface	Provided by Others
Remote Monitoring & Management	Provided by Others

### \*Calculated Values:

The luminous flux, radiant power, chromaticity, forward voltage and CRI measurements in this document are calculated specifications only. Actual results will vary within tolerance of  $\pm$ -5%

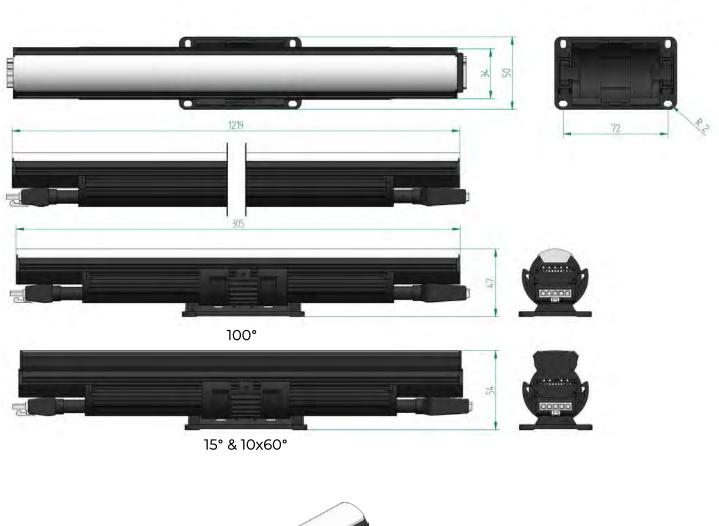
Due to continuous improvements and innovations, specifications may change without notice.

Physical	Condition
Dimensions (Height x Width x Length)	47 x 50 x 305/1219mm (1.8 x 2.0 x 12/48inch)
Weight	0.6 kg (1.32 lb) 305mm, 1.8 kg (3.96 lb) 1219mm
Housing Material	Extruded aluminum, black powder-coated finish
Lens	Frosted polycarbonate
Connections	Integral male/female quick connectors

Environment	Condition
	-40 to 50° C (-40 to 122° F) Operating
Temperature Ranges	-20 to 50° C (-4 to 122° F) Startup
	-40 to 80° C (-40 to 176° F) Storage
Vibration Resistance	N/A
Impact (Mechanical)	N/A
Corrosion Resistance	N/A
Humidity	0 to 95%, non-condensing

Certification & Safety	Condition
Approbation	ETL, CE
Environment	Dry/Damp Location, IP40

### Dimensions





### Photometrics

100° Frosted, 1219mm

Photometric Data	Condition
Beam Angle	105.5°
LED	RGBW (3000K)
Lumens (Im)	1641.3lm
Input Power (W)	44.81W
Efficacy (lm/W)	36.6lm/W
Peak Candela (Cd)	564.2Cd

Zone	Lumens	% Luminaire
0-30	427.2	26.0
0-40	689.3	42.0
0-60	1,186.0	72.3
60-90	368.0	22.4
70-100	217.7	13.3
90-120	61.0	3.7
0-90	1,554.1	94.7
90-180	86.8	5.3
0-180	1,640.9	100

	Center Beam (fc/lx)	Beam Width (cm)
1.5m	23.28 / 250.66	394.52
2.0m	13.10 / 141.00	526.03
4.0m	3.27 / 35.25	1052.05
45m	2.59 / 27.85	1183.56
6.0m	1.46 / 15.67	1578.08

### Luminaire and Accessories

Luminaire	Item Code
1' Indoor RGBW 100° Linear Cove (DMX-RDM)	M11-00000679-0002-001
4' Indoor RGBW 100° Linear Cove (DMX-RDM)	M11-00000656-0002-001
1' Indoor RGBA 100° Linear Cove (DMX-RDM)	M11-00000679-0002-002
4' Indoor RGBA 100° Linear Cove (DMX-RDM)	M11-00000656-0002-002

Accessories	Item Code
10' Starter Cable + Cap	T16-00000054-0006
2' Jumper Cable	T16-00000352-0001
Data Terminator Plug	T16-00000054-0010



## Connect Tiaa 15 x 90° Linear Cove

# AC LINEAR LIGHT SYSTEM High-performance ELV Interior LED cove

### **General Information**

Mains 100 to 220VAC Input Plug and Play linear system Module lengths 305mm, 1219mm Single Colour White 2200k, 2700k, 3000k, 3500k, 4000k Dynamic White RGBW(3000k) RGBA CRI>80 15 x 90° +25° Tilt Beam angle Interior IP40 Tiltable





Available with the following technology options:

0-10v, Dali, Dali 2, Dali DT8, DMX

Due to continuous improvements and innovations, specifications may change without notice.

Output	Condition
Beam Angle (frosted)	15 x 90°
Beam Angle (optional)	See additional Tiaa specification
Lumens* 2700K CCT (80CRI)	1,380lm
Lumens* 3000K CCT (80CRI)	1,425lm
Lumens* 3500K CCT (80CRI)	1,450lm
Lumens* 4000K CCT (80CRI)	1,500lm
Lumens* Red (624-634nm)	380lm
Lumens* Green (520-540nm)	1,450lm
Lumens* Royal Blue (440-460nm)	585lm
Lumens* PC Amber	1,300lm
Efficacy Mono Typ (native, lm/W)	120lm/W Typ (Avg)

Electrical	Condition
Input Voltage	100 to 220VAC, auto-ranging, 50/60Hz
Power Consumption	12w Typ, 13.12w/m
Power Factor	0.99 @ 120VAC, 0.90 @ 277VAC
Surge	4kV maximum common (Gnd to L, Gnd to N)

Control	Condition
Luminaire	ELV (100-1%)
Control System	Provided by Others
Interface	Provided by Others
Remote Monitoring & Management	Provided by Others

\*Calculated Values: 1219mm / 48 inch

The luminous flux, radiant power, chromaticity, forward voltage and CRI measurements in this document are calculated specifications only. Actual results will vary within tolerance of  $\pm$ 7-5%

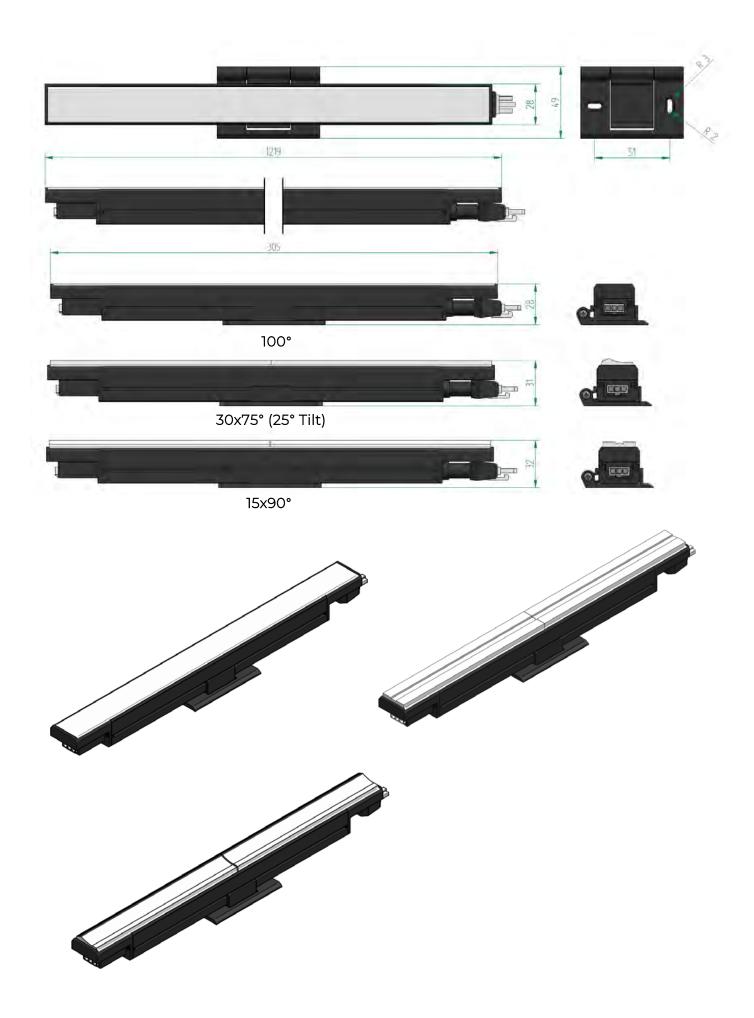
Due to continuous improvements and innovations, specifications may change without notice.

Physical	Condition
Dimensions (Height x Width x Length)	32 x 49 x 305/1219mm (1.2 x 1.9 x 12/48 inch)
Weight	0.25 kg (0.55 lb) 305mm, 0.85 kg (1.88 lb) 1219mm
Housing Material	Extruded aluminum, black powder-coated finish
Lens	Optically clear polycarbonate
Connections	Integral male/female quick connectors

Environment	Condition
	-40 to 50° C (-40 to 122° F) Operating
Temperature Ranges	-20 to 50° C (-4 to 122° F) Startup
	-40 to 80° C (-40 to 176° F) Storage
Vibration Resistance	N/A
Impact (Mechanical)	N/A
Corrosion Resistance	N/A
Humidity	0 to 95%, non-condensing

Certification & Safety	Condition
Approbation	ETL, CE
Environment	Dry/Damp Location, IP40

#### Dimensions



#### Photometrics

15x90° TIR, 1219mm

Photometric Data	Condition
Beam Angle	16.7 x 90.3°
LED	4000K
Lumens (lm)	1504lm
Input Power (W)	12W
Efficacy (lm/W)	125lm/W
Peak Candela (Cd)	2123Cd

Zone	Lumens	% Luminaire
0-30	940.2	43.6
0-40	1,343.0	62.3
0-60	1,913.9	88.7
60-90	183.4	8.5
70-100	78.5	3.6
90-120	24.8	1.1
0-90	2,097.2	97.2
90-180	60.1	2.8
0-180	2,157.3	100

	Center Beam (fc/lx)	Beam Width (cm)
1m	197.25 / 2123.19	100.8
2m	49.31 / 530.80	201.6
3m	21.92 / 235.91	302.4
4m	12.33 / 132.70	403.2
5m	7.89 / 84.93	504.0

#### Luminaire and Accessories

Luminaire	Item Code
305mm Indoor 2700K 15x90° Linear Cove (ELV)	M11-00000682-0001-002
1219mm Indoor 2700K 15x90° Linear Cove (ELV)	M11-00000681-0001-002
305mm Indoor 3000K 15x90° Linear Cove (ELV)	M11-00000682-0001-001
1219mm Indoor 3000K 15x90° Linear Cove (ELV)	M11-00000681-0001-001
305mm Indoor 3500K 15x90° Linear Cove (ELV)	M11-00000682-0001-003
1219mm Indoor 3500K 15x90° Linear Cove (ELV)	M11-00000681-0001-003
305mm Indoor 4000K 15x90° Linear Cove (ELV)	M11-00000682-0001-004
1219mm Indoor 4000K 15x90° Linear Cove (ELV)	M11-00000681-0001-004

Luminaire	Item Code
305mm Indoor Red 15x90° Linear Cove (ELV)	M11-00000682-0001-005
1219mm Indoor Red 15x90° Linear Cove (ELV)	M11-00000681-0001-005
305mm Indoor Green 15x90° Linear Cove (ELV)	M11-00000682-0001-006
1219mm Indoor Green 15x90° Linear Cove (ELV)	M11-00000681-0001-006
305mm Indoor Royal Blue 15x90° Linear Cove (ELV)	M11-00000682-0001-007
1219mm Indoor Royal Blue 15x90° Linear Cove (ELV)	M11-00000681-0001-007
305mm Indoor PC Amber 15x90° Linear Cove (ELV)	M11-00000682-0001-008
1219mm Indoor PC Amber 15x90° Linear Cove (ELV)	M11-00000681-0001-008

Accessories	Item Code
10' Starter Cable + Cap	T16-00000025-0001
2' Jumper Cable	T16-00000327-0001

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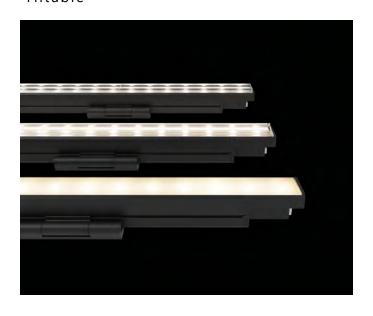
## Connect Tiaa

30 x 75° +25° Tilt Linear Cove

# AC LINEAR LIGHT SYSTEM High-performance ELV Interior LED cove

#### **General Information**

Mains 100 to 220VAC Input Plug and Play linear system Module lengths 305mm, 1219mm Single Colour White 2200k, 2700k, 3000k, 3500k, 4000k Dynamic White RGBW(3000k) RGBA CRI>80 30 x 75° +25° Tilt Beam angle Interior IP40 Tiltable





Available with the following technology options:

0-10v, Dali, Dali 2, Dali DT8, DMX

Due to continuous improvements and innovations, specifications may change without notice.

Output	Condition
Beam Angle	30 x 75° +25° Tilt
Beam Angle (optional)	See additional Tiaa specifications
Lumens* 2700K CCT (80CRI)	1,240lm
Lumens* 3000K CCT (80CRI)	1,275lm
Lumens* 3500K CCT (80CRI)	1,300lm
Lumens* 4000K CCT (80CRI)	1,350lm
Lumens* Red (624-634nm)	380lm
Lumens* Green (520-540nm)	1,280lm
Lumens* Royal Blue (440-460nm)	515lm
Lumens* PC Amber	1,250lm
Efficacy Mono Typ (native, lm/W)	105lm/W Typ

Electrical	Condition
Input Voltage	100 to 220VAC, auto-ranging, 50/60Hz
Power Consumption	12w/m Typ, 13.12w/m
Power Factor	0.99 @ 120VAC, 0.90 @ 277VAC
Surge	4kV maximum common (Gnd to L, Gnd to N)

Control	Condition
Luminaire	ELV (100-1%)
Control System	Provided by Others
Interface	Provided by Others
Remote Monitoring & Management	Provided by Others

\*Calculated Values: 1219mm / 48 inch

The luminous flux, radiant power, chromaticity, forward voltage and CRI measurements in this document are calculated specifications only. Actual results will vary within tolerance of  $\pm$ 7-5%

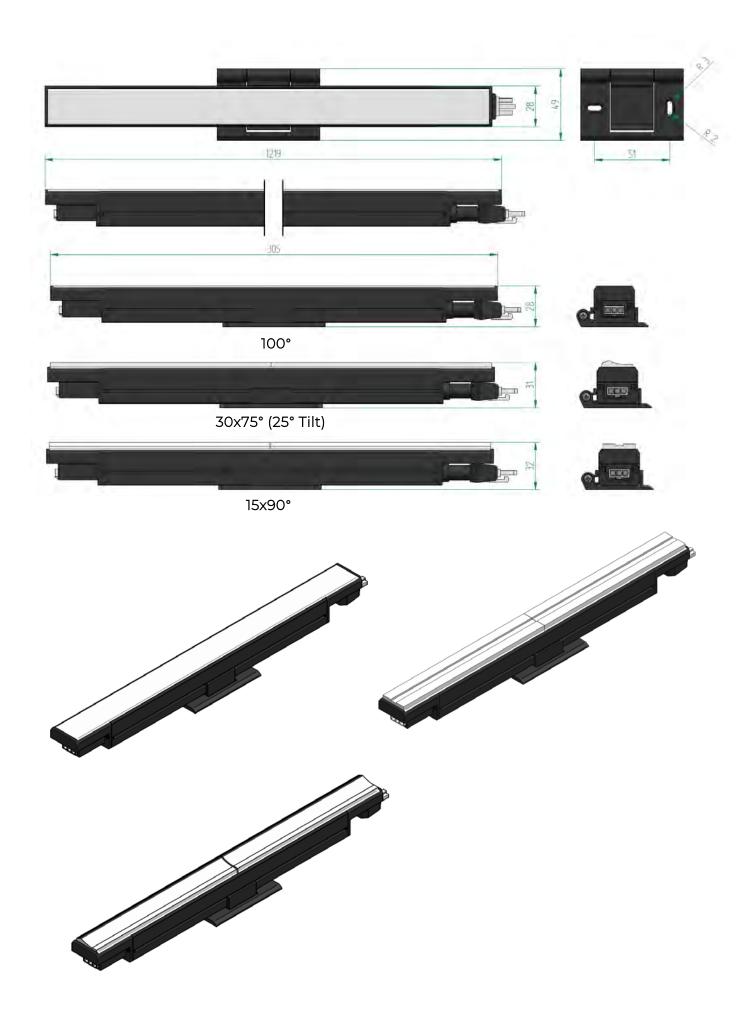
Due to continuous improvements and innovations, specifications may change without notice.

Physical	Condition
Dimensions (Height x Width x Length)	31 x 49 x 305/1219mm (1.2 x 1.9 x 12/48 inch)
Weight	0.25 kg (0.55 lb) 305mm, 0.85 kg (1.88 lb) 1219mm
Housing Material	Extruded aluminum, black powder-coated finish
Lens	Frosted polycarbonate, clear polycarbonate
Connections	Integral male/female quick connectors

Environment	Condition
	-40 to 50° C (-40 to 122° F) Operating
Temperature Ranges	-20 to 50° C (-4 to 122° F) Startup
	-40 to 80° C (-40 to 176° F) Storage
Vibration Resistance	N/A
Impact (Mechanical)	N/A
Corrosion Resistance	N/A
Humidity	0 to 95%, non-condensing

Certification & Safety	Condition
Approbation	ETL, CE
Environment	Dry/Damp Location, IP40

#### Dimensions



#### Photometrics

30x75° / 25° Tilt TIR, 1219mm

Photometric Data	Condition
Beam Angle	31.4 x 77.8° (22° Tilt)
LED	4000K
Lumens (Im)	1328lm
Input Power (W)	12W
Efficacy (lm/W)	110lm/W
Peak Candela (Cd)	1284Cd

Zone	Lumens	% Luminaire
0-30	214.2	31.2
0-40	322.5	47.0
0-60	514.0	74.9
60-90	132.6	19.3
70-100	69.9	10.2
90-120	16.9	2.5
0-90	646.6	94.2
90-180	39.5	5.8
0-180	686.1	100

	Center Beam (fc/lx)	Beam Width (cm)
1m	42.45 / 456.89	107.0
2m	10.61 / 114.22	214.0
3m	4.72 / 50.77	321.0
4m	2.65 / 28.56	428.1
5m	1.70 / 18.28	535.1

#### Luminaire and Accessories

Luminaire	Item Code
305mm Indoor 2700K 30x75° +25° Tilt Linear Cove	M11-00000781-0001-002
1219mm Indoor 2700K 30x75° +25° Tilt Linear Cove	M11-00000782-0001-002
305mm Indoor 3000K 30x75° +25° Tilt Linear Cove	M11-00000781-0001-001
1219mm Indoor 3000K 30x75° +25° Tilt Linear Cove	M11-00000782-0001-001
305mm Indoor 3500K 30x75° +25° Tilt Linear Cove	M11-00000781-0001-003
1219mm Indoor 3500K 30x75° +25° Tilt Linear Cove	M11-00000782-0001-003
305mm Indoor 4000K 30x75° +25° Tilt Linear Cove	M11-00000781-0001-004
1219mm Indoor 4000K 30x75° +25° Tilt Linear Cove	M11-00000782-0001-004

Luminaire	Item Code
305mm Indoor Red 30x75° +25° Tilt Linear Cove	M11-00000781-0001-005
1219mm Indoor Red 30x75° +25° Tilt Linear Cove	M11-00000782-0001-005
305mm Indoor Green 30x75° +25° Tilt Linear Cove	M11-00000781-0001-006
1219mm Indoor Green 30x75° +25° Tilt Linear Cove	M11-00000782-0001-006
305mm Indoor Royal Blue 30x75° +25° Tilt Linear Cove	M11-00000781-0001-007
1219mm Indoor Royal Blue 30x75° +25° Tilt Linear Cove	M11-00000782-0001-007
305mm Indoor PC Amber 30x75° +25° Tilt Linear Cove	M11-00000781-0001-008
1219mm Indoor PC Amber 30x75° +25° Tilt Linear Cove	M11-00000782-0001-008

Accessories	Item Code
10' Starter Cable + Cap	T16-00000025-0001
2' Jumper Cable	T16-00000327-0001

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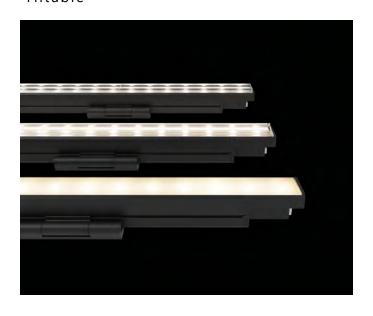


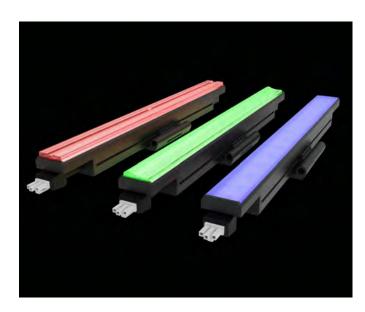
## Connect Tiaa 100° Linear Cove

# AC LINEAR LIGHT SYSTEM High-performance ELV Interior LED cove

#### **General Information**

Mains 100 to 220VAC Input Plug and Play linear system Module lengths 305mm, 1219mm
Single Colour White 2200k, 2700k, 3000k, 3500k, 4000k
Dynamic White
RGBW(3000k)
RGBA
CRI>80
100° Beam angle
Interior IP40
Tiltable





Available with the following technology options:

0-10v, Dali, Dali 2, Dali DT8, DMX

Due to continuous improvements and innovations, specifications may change without notice.

Output	Condition
Beam Angle (frosted)	100°
Beam Angle (optional)	See additional Tiaa specification
Lumens* 2700K CCT (80CRI)	1,150lm
Lumens* 3000K CCT (80CRI)	1,175lm
Lumens* 3500K CCT (80CRI)	1,200lm
Lumens* 4000K CCT (80CRI)	1,250lm
Lumens* Red (624-634nm)	360lm
Lumens* Green (520-540nm)	1,180lm
Lumens* Royal Blue (440-460nm)	475lm
Lumens* PC Amber	1,156lm
Efficacy Mono Typ (native, lm/W)	100lm/W Typ (Avg)

Electrical	Condition
Input Voltage	100 to 220VAC, auto-ranging, 50/60Hz
Power Consumption	12w/m Typ, 13.2w/m
Power Factor	0.99 @ 120VAC, 0.90 @ 277VAC
Surge	4kV maximum common (Gnd to L, Gnd to N)

Control	Condition
Luminaire	ELV (100-1%)
Control System	Provided by Others
Interface	Provided by Others
Remote Monitoring & Management	Provided by Others

\*Calculated Values: 1219mm / 48 inch

The luminous flux, radiant power, chromaticity, forward voltage and CRI measurements in this document are calculated specifications only. Actual results will vary within tolerance of  $\pm$ 7-5%

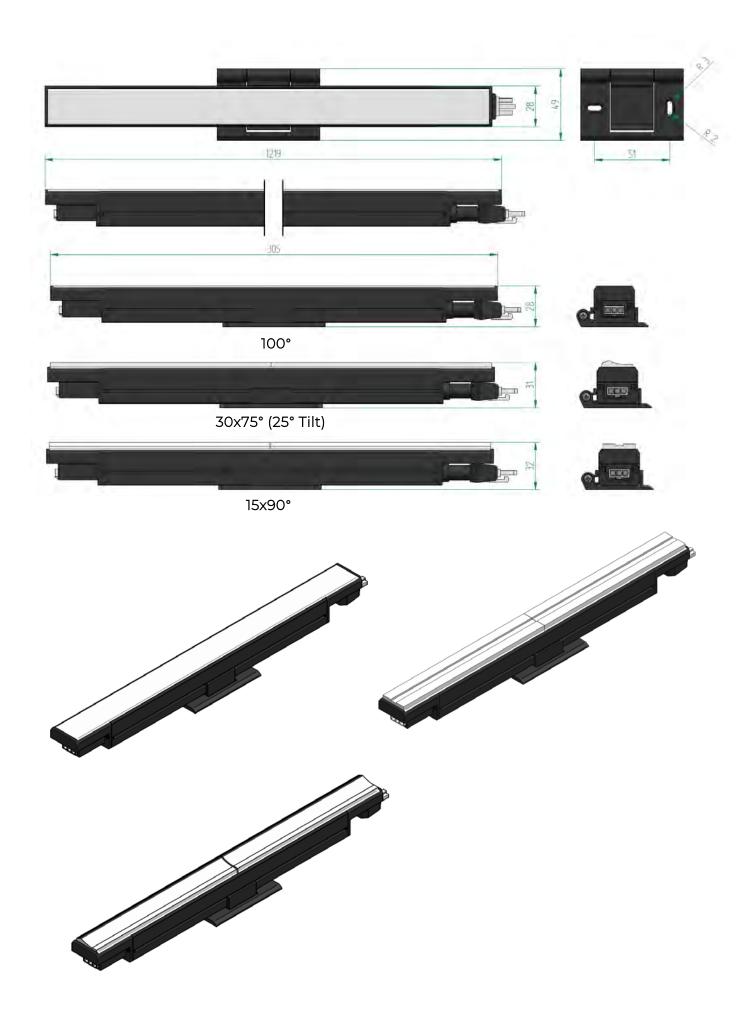
Due to continuous improvements and innovations, specifications may change without notice.

Physical	Condition
Dimensions (Height x Width x Length)	28 x 49 x 305/1219mm (1.0 x 1.9 x 12/48 inch)
Weight	0.25 kg (0.55 lb) 305mm, 0.85 kg (1.88 lb) 1219mm
Housing Material	Extruded aluminum, black powder-coated finish
Lens	Frosted polycarbonate
Connections	Integral male/female quick connectors

Environment	Condition
	-40 to 50° C (-40 to 122° F) Operating
Temperature Ranges	-20 to 50° C (-4 to 122° F) Startup
	-40 to 80° C (-40 to 176° F) Storage
Vibration Resistance	N/A
Impact (Mechanical)	N/A
Corrosion Resistance	N/A
Humidity	0 to 95%, non-condensing

Certification & Safety	Condition
Approbation	ETL, CE
Environment	Dry/Damp Location, IP40

#### Dimensions



#### Photometrics

100° Frosted, 1219mm

Photometric Data	Condition
Beam Angle	100°
LED	4000K
Lumens (Im)	1230lm
Input Power (W)	12W
Efficacy (lm/W)	107lm/W
Peak Candela (Cd)	487Cd

Zone	Lumens	% Luminaire
0-30	373.9	29.2
0-40	602.9	47.1
0-60	1,018.9	79.7
60-90	228.4	17.9
70-100	100.9	7.9
90-120	15.6	1.2
0-90	1,247.4	97.5
90-180	31.4	2.5
0-180	1,278.8	100

	Center Beam (fc/lx)	Beam Width (cm)
1m	45.10 / 485.48	240.9
2m	11.28 / 121.37	481.8
3m	5.01 / 53.94	722.7
4m	2.82 / 30.34	963.6
5m	1.80 / 19.42	1204.5

#### Luminaire and Accessories

Luminaire	Item Code
305mm Indoor 2700K 100° Linear Cove (ELV)	M11-00000635-0001-002
1219mm Indoor 2700K 100° Linear Cove (ELV)	M11-00000568-0001-002
305mm Indoor 3000K 100° Linear Cove (ELV)	M11-00000635-0001-001
1219mm Indoor 3000K 100° Linear Cove (ELV)	M11-00000568-0001-001
305mm Indoor 3500K 100° Linear Cove (ELV)	M11-00000635-0001-003
1219mm Indoor 3500K 100° Linear Cove (ELV)	M11-00000568-0001-003
305mm Indoor 4000K 100° Linear Cove (ELV)	M11-00000635-0001-004
1219mm Indoor 4000K 100° Linear Cove (ELV)	M11-00000568-0001-004

Luminaire	Item Code
305mm Indoor Red 100° Linear Cove (ELV)	M11-00000635-0001-005
1219mm Indoor Red 100° Linear Cove (ELV)	M11-00000568-0001-005
305mm Indoor Green 100° Linear Cove (ELV)	M11-00000635-0001-006
1219mm Indoor Green 100° Linear Cove (ELV)	M11-00000568-0001-006
305mm Indoor Royal Blue 100° Linear Cove (ELV)	M11-00000635-0001-007
1219mm Indoor Royal Blue 100° Linear Cove (ELV)	M11-00000568-0001-007
305mm Indoor PC Amber 100° Linear Cove (ELV)	M11-00000635-0001-008
1219mm Indoor PC Amber 100° Linear Cove (ELV)	M11-00000568-0001-008

Accessories	Item Code
10' Starter Cable + Cap	T16-00000025-0001
2' Jumper Cable	T16-00000327-0001