

## 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  
Red, Green, Blue, Amber  
CRI>80  
100° Tilt Beam angle  
Interior IP40  
Tiltable

# Specifications

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)
Beam Angle (frosted)	100°
Beam Angle (optional)	See additional Tiaa specification
Lumens* 2700K CCT (80CRI)	1,150lm

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:**

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 +/- 5%

# Specifications

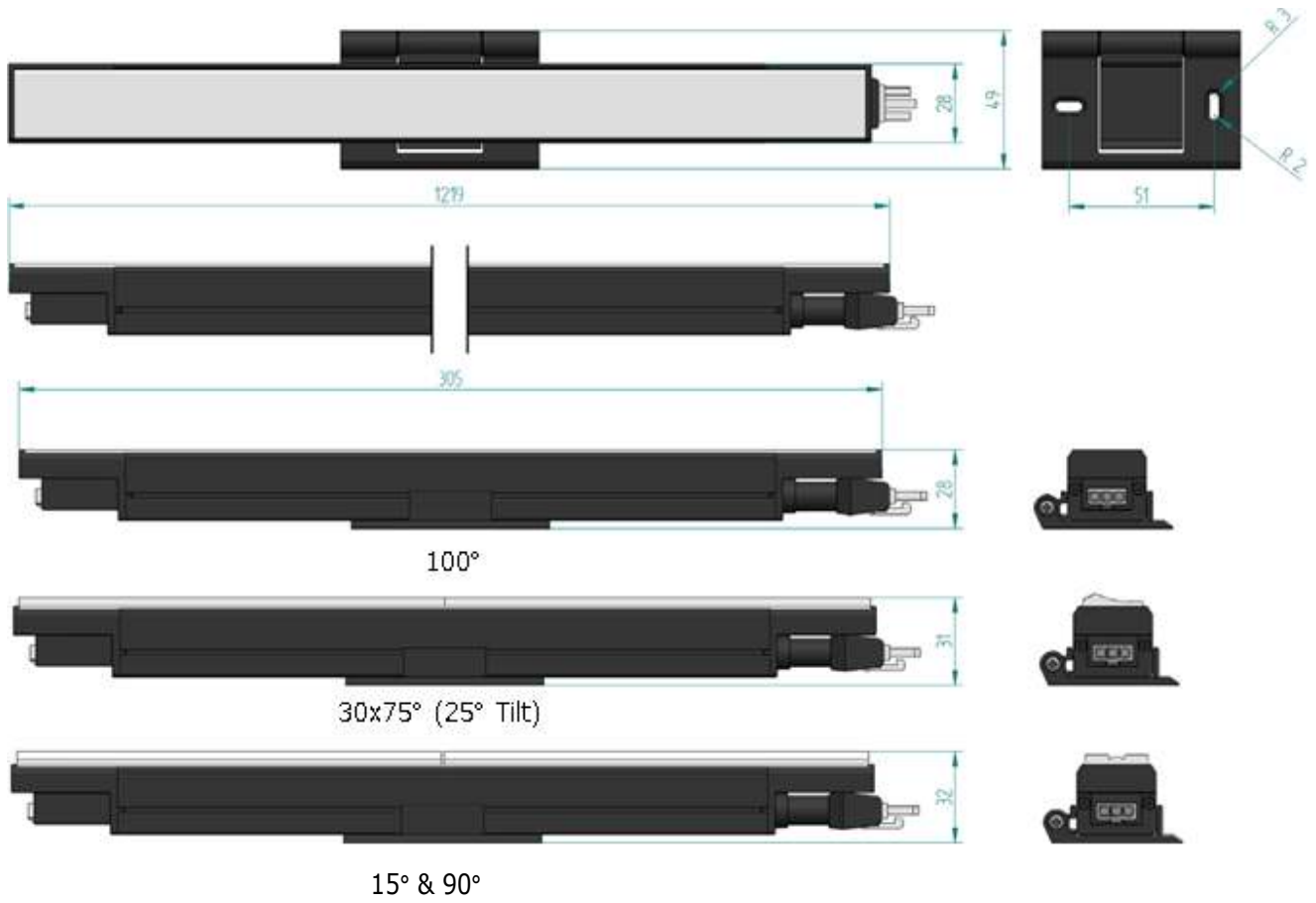
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Physical	Condition
Dimensions (Height x Width x Length)	28 x 49 x 305/1219mm
Weight	0.25 kg 305mm, 0.85 kg 1219mm
Housing Material	Extruded aluminum, black powder-coated finish
Lens	Frosted polycarbonate
Connections	Integral male/female quick connectors

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

30x75° / 25° Tilt TIR, 1219mm

Photometric Data	Condition
Beam Angle	100°
LED	4000K
Lumens (lm)	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
3m Starter Cable + Cap	T16-00000025-0001
0.6m Jumper Cable	T16-00000327-0001