

ARCHITECTURAL FX

Technicians of Light

Connect Tiaa 30 x 75° + 25° 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

30 x 75° +25° Tilt Beam angle

Interior IP40

Tiltable

Specifications

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
Beam Angle	30 x 75° +25° Tilt
Beam Angle (optional)	See additional Tiaa specifications
Lumens* 2700K CCT (80CRI)	1,240lm

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:**

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

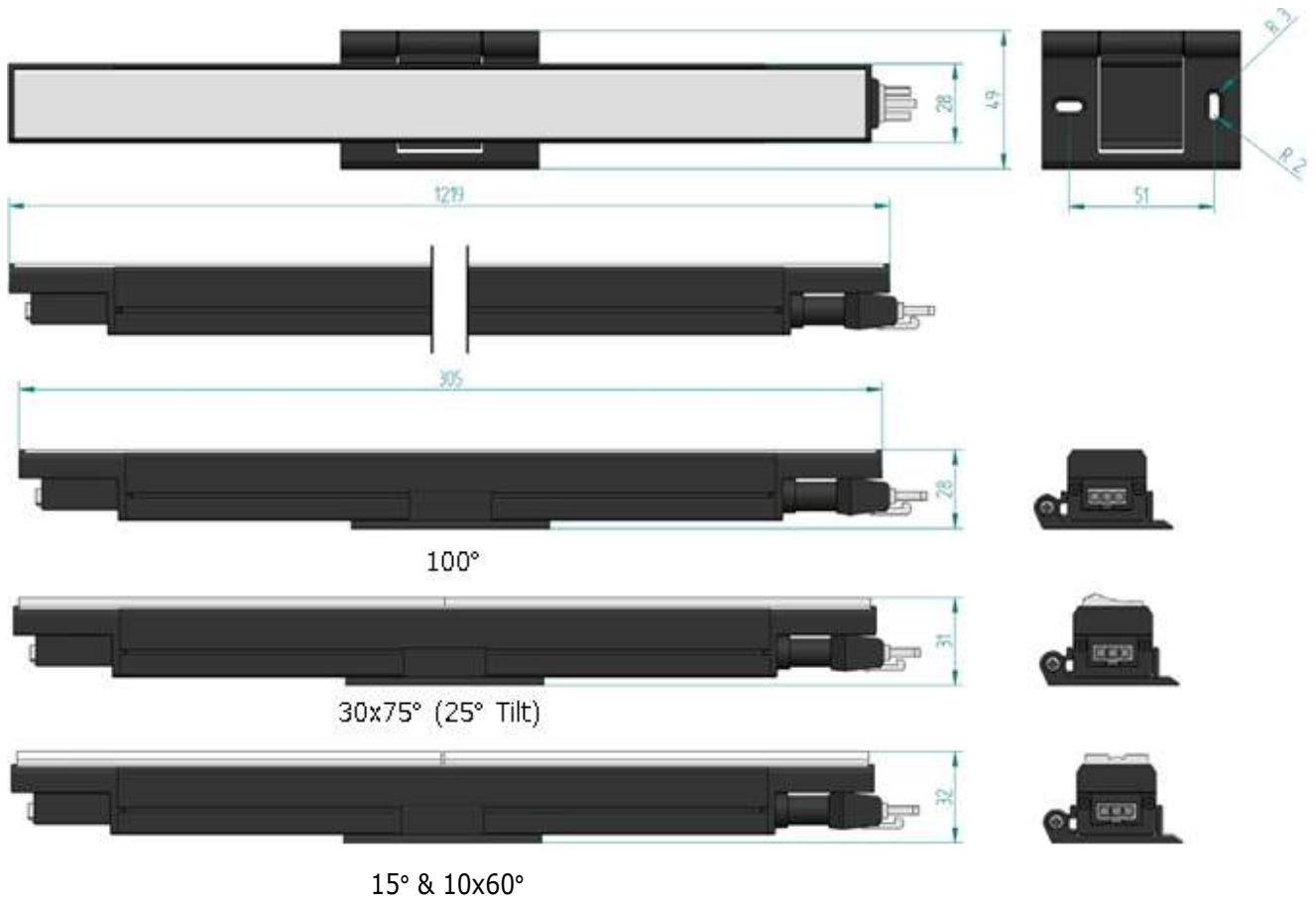
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Physical	Condition
Dimensions (Height x Width x Length)	32 x 49 x 305/1219mm (1.2 x 1.9 x 12/48 inch)
Weight	0.25 kg (0.55 lb) 305mm, 0.85 kg (1.88 lb) 1219mm
Housing Material	Extruded aluminum, black powder-coated finish
Lens	Optically clear polycarbonate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

Environment	Condition
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	31.4 x 77.8° (22° Tilt)
LED	4000K
Lumens (lm)	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
3m Starter Cable + Cap	T16-00000025-0001
0.6m Jumper Cable	T16-00000327-0001