

CYLINDRIX® III VERTICAL

GENERATION 2 LED TRACK HEAD

C3TV-G2
19W/27W LED

APPLICATION:

Retail, supermarket and commercial accent & display lighting

CONSTRUCTION:

Die-cast aluminum heat sink and optic housing
Powder coat paint, custom colors available, consult factory
Passive cooling 19w
Active synjet cooling 27w

ELECTRICAL:

Electronic constant current LED driver
120v or 277v input
Optional dimming down to less than 20%, available on 120v only with ELV (reverse phase) dimming equipment, consult factory for approved device list

This product complies with IEEE C62.41 for surge endurance up to 2.5KV. Amerlux® recommends using additional surge protection with this unit (supplied by others), surge damage is not covered by warranty.

OPTICS:

LED cluster
Color Temp: 2700K, 3000K, 3500K, 4000K
CRI: 80 (2700K, 3000K, 3500K, 4000K)
90 (2700K,3000K)
Life: 50,000 hrs
Lumen Maintenance: >70% of initial lumens @ 50,000 hrs
Lumen Output: Spot 19w: 1317 lm typ.
27w: 1683 lm typ
CBCP: Spot 19w: 15,640
27w: 19,829
0-90° tilt, 360° rotation
Beam options: Spot 12°, Flood 25°, Wide Flood 40°
Field interchangeable spun aluminum reflectors

MOUNTING:

Track, canopy and busway

LABELING:

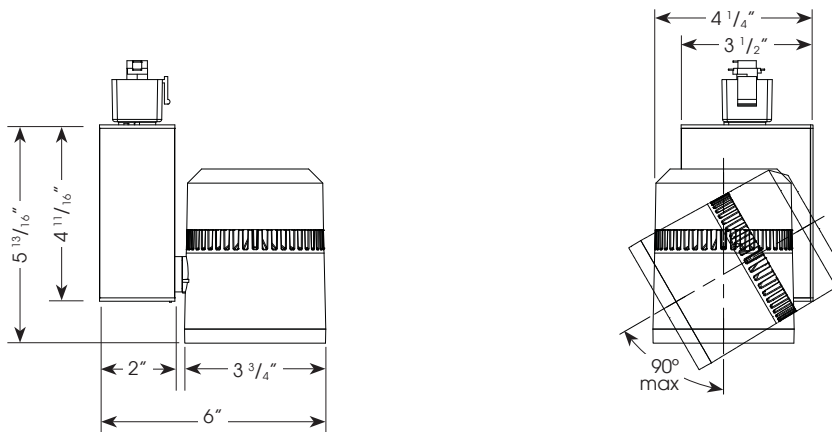


For indoor use only



PROJECT:

TYPE:



ELECTRICAL

Driver	19w		27w	
	System Watts	Amps	System Watts	Amps
Electronic 120v	19	.16	27	.23
277v	19	.07	27	.10

Class 2 constant current driver, 500 mA (19w passive)
700 mA (27w active)

ORDERING INFORMATION:

Model	Wattage	Lamp Type	Driver	Finish	Mounting	Voltage	Beam Spread	Color Temp	Options/Accessories
C3TV-G2	19 27	LED	E - electronic	WT - white texture BT - black texture ST - silver texture — (other RAL)	TN1 - Global 1cir/H-Style, 120v TEK - Global 2cir/2neut, 120v TN3 - Global 3cir, 120v TN2 - Global 2cir/2neut, 277v CT - J-Style LOL - L-Style LLAB - Litelab Bus Run, 120v B - busway C - canopy CCL2 - C-clamp with SCP - straight cord, 6' CCP - coil cord, 5'	120 277	SP - spot, 12° FL - flood, 25° WF - wide flood, 40°	80 CRI: 2700 3000 3500 4000 90 CRI: 2700-90 3000-90	DIM - dimming driver (120v only) SL - linear spread lens SN - snoot HEX - hexcell louver CB - cross blade

Example: C3TV-G2-19-LED-E-WT-TN3-120-FL-3000

Cat #:

Amerlux reserves the right to change details that do not affect overall function and performance.



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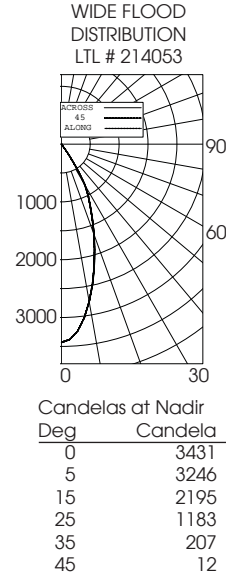
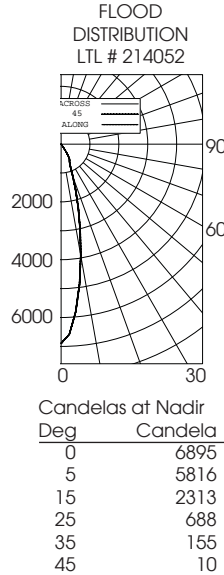
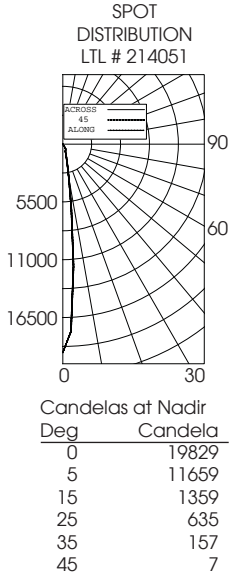
TYPE:



FIXTURE DATA: For 19w data, multiply by 0.70

Complete photometric data (ies format) available upon request.

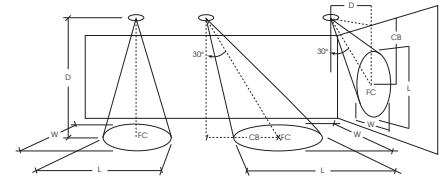
27W LED CLUSTER



APPLICATION DATA:

Notes and Definitions:

Beam spread is to 50% center beam candlepower (CBCP).
 D=Distance to floor or wall.
 FC=Footcandles on floor or wall at center beam aiming location.
 L=Effective Visual Beam length in feet (50% of maximum footcandle level).
 W=Effective Visual Beam width in feet (50% of maximum footcandle level).
 CB=Distance across or down to center beam location.



	0° Aiming Angle Horizontal Footcandles				30° Aiming Angle Horizontal Footcandles					30° Aiming Angle Vertical Footcandles					60° Aiming Angle Vertical Footcandles				
	D	FC	L	W	D	FC	L	W	CB	D	FC	L	W	CB	D	FC	L	W	CB
SPOT	5.0'	397	1.6	1.6	5.0'	325	1.8	1.6	3.0	3.0'	211	2.7	1.6	5.0	3.0'	520	1.6	1.4	2.0
	7.5'	247	1.9	1.9	7.5'	174	2.5	2.2	4.0	4.0'	131	3.4	2.0	7.0	4.0'	389	1.9	1.5	2.0
	10.0'	161	2.5	2.5	10.0'	108	3.1	2.7	6.0	5.0'	94	4.0	2.4	8.0	5.0'	302	1.9	1.6	3.0
	12.5'	111	2.9	2.9	12.5'	76	3.6	3.2	7.0	6.0'	68	5.0	2.7	10.0	6.0'	215	2.3	1.9	3.0
NARROW FLOOD	5.0'	225	2.4	2.4	5.0'	157	4.4	3.8	3.0	3.0'	113	3.8	2.4	4.0	3.0'	340	2.1	1.8	2.0
	7.5'	112	3.2	3.2	7.5'	78	3.9	3.5	4.0	4.0'	65	5.0	3.1	6.0	4.0'	240	2.3	2.2	2.0
	10.0'	66	4.0	4.0	10.0'	45	5.1	4.6	5.0	5.0'	44	6.0	3.7	7.0	5.0'	155	3.0	2.6	3.0
	12.5'	43	5.1	5.1	12.5'	29	6.5	5.7	7.0	6.0'	31	7.3	4.4	8.0	6.0'	115	3.3	3.0	3.0
FLOOD	5.0'	135	3.3	3.3	5.0'	95	3.9	3.5	2.0	3.0'	85	3.9	3.1	3.0	3.0'	218	2.6	2.5	1.0
	7.5'	62	4.8	4.8	7.5'	44	5.7	5.2	3.0	4.0'	49	5.0	3.9	4.0	4.0'	151	3.0	3.0	2.0
	10.0'	35	6.2	6.2	10.0'	25	7.6	7.0	4.0	5.0'	32	6.3	5.0	5.0	5.0'	97	3.9	3.6	2.0
	12.5'	22	7.8	7.8	12.5'	16	9.6	8.8	6.0	6.0'	22	7.7	6.0	6.0	6.0'	68	4.6	4.3	3.0