

CYLINDRIX III VERTICAL

LED

C3TV
30W LED

APPLICATION:

Retail, supermarket and commercial accent & display lighting

CONSTRUCTION:

Die-cast aluminum heat sink and optic housing
Powder coat paint, available in over 200 finishes
Low frequency active cooling

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 (2725K ±175)
3000K (3045K ±175)
CRI: 85
Life: 50,000 hrs
Lumen Maintenance: >70% of initial lumens @ 50,000 hrs
Lumen output: Spot 1361 @ 3000K
Flood 1355 @ 3000K
Wide Flood 1381 @ 3000K

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:

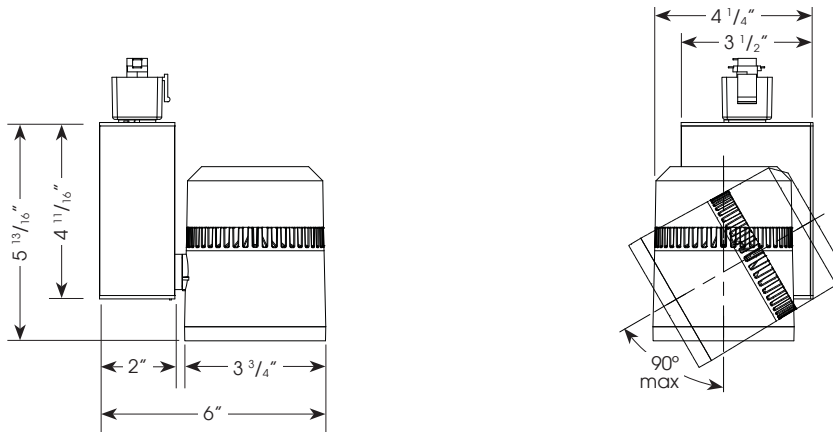


For indoor use only



PROJECT:

TYPE:



ELECTRICAL

Driver	30w	
	Operating Watts*	Amps
Electronic 120v	30	.25
277v	30	.11

Class 2 constant current driver, 1670 mA

ORDERING INFORMATION:

Model	Wattage	Lamp Type	Driver	Finish	Mounting	Voltage	Beam Spread	Color Temp	Options/Accessories
C3TV	30	LED	E - electronic	WT - white texture BT - black texture ST - silver texture — (other RAL)	TN1 - Global 1cir, 120v TEK - Global 2cir/2neut, 120v TN3 - Global 3cir, 120v TN2 - Global 2cir/2neut, 277v B - busway C - canopy — (other)	120 277	CL - spot, 12° FL - flood, 25° WF - wide flood, 40°	2700 3000	DIM - dimming driver (120v only) SL - linear spread lens SN - snoot HEX - hexcell louver CB - cross blade

Example: C3TV-30-LED-E-WT-TN3-120-CL-3000

Cat #:

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



10 year limited warranty
AMERLUX LED
(see website for details)

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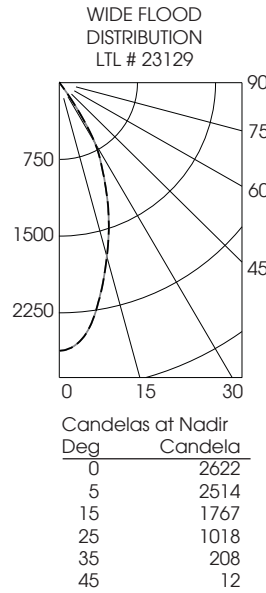
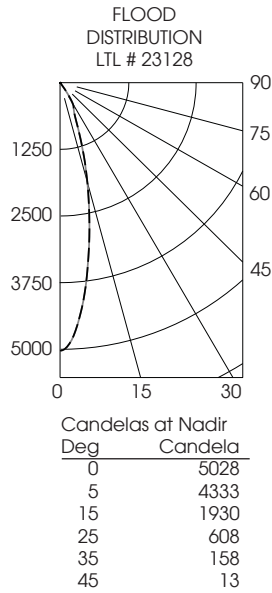
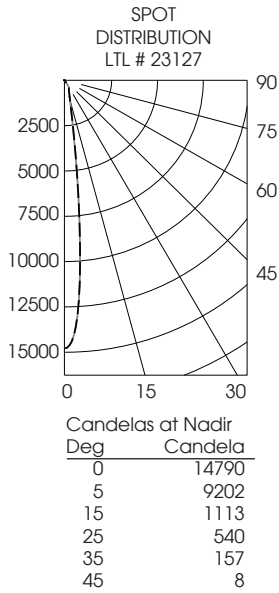
TYPE:



FIXTURE DATA:

Complete photometric data (ies format) available upon request.

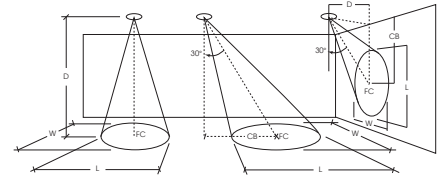
30W LED



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'	592	1.1	1.1	5.0'	368	1.4	1.2	3.0	3.0'	233	2.2	1.2	4.7	3.0'	1058	0.8	0.7	1.7
	7.5'	263	1.4	1.4	7.5'	173	2.1	1.6	5.0	4.0'	131	2.9	1.6	6.2	4.0'	609	1.1	0.9	2.3
	10.0'	148	2.1	2.1	10.0'	92	2.9	2.5	6.0	5.0'	84	3.6	1.9	7.7	5.0'	391	1.4	1.2	2.8
	12.5'	95	2.7	2.7	12.5'	63	3.4	3.1	7.0	6.0'	58	4.3	2.3	9.3	6.0'	272	1.6	1.5	3.3
FLOOD	5.0'	201	2.1	2.1	5.0'	126	2.8	2.5	3.0	3.0'	92	3.6	2.3	3.7	3.0'	360	1.7	1.5	1.7
	7.5'	89	3.2	3.2	7.5'	60	4.0	3.6	4.0	4.0'	52	4.8	2.9	5.3	4.0'	207	2.2	1.9	2.3
	10.0'	50	4.1	4.1	10.0'	33	5.3	4.8	5.0	5.0'	34	6.0	3.7	6.8	5.0'	134	2.7	2.4	2.7
	12.5'	32	5.2	5.2	12.5'	21	6.7	5.9	7.0	6.0'	23	7.2	4.5	7.7	6.0'	94	3.2	2.8	3.2
WIDE FLOOD	5.0'	105	3.3	3.3	5.0'	74	4.0	3.6	2.0	3.0'	70	3.7	3.0	2.7	3.0'	208	2.4	2.2	1.3
	7.5'	47	5.0	5.0	7.5'	33	6.0	5.5	3.0	4.0'	39	5.0	4.0	3.7	4.0'	117	3.2	2.9	1.8
	10.0'	26	6.6	6.6	10.0'	19	7.9	7.3	4.0	5.0'	25	6.2	5.0	4.8	5.0'	75	3.9	3.6	2.3
	12.5'	17	8.1	8.1	12.5'	12	9.9	9.1	5.0	6.0'	18	7.5	6.0	5.2	6.0'	52	4.7	4.4	2.8