

CYLINDRIX III MINI

VERTICAL TRACK ACCENT LED INTERNATIONAL

APPLICATION

Accent and display lighting for retail, commercial & hospitality environments

CONSTRUCTION:

Complete die-cast construction
No exposed wiring
Powder coat paint

ELECTRICAL:

Electronic constant current LED driver, 240v input
ELV and Triac dimming standard

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.

MOUNTING:

Track mounting
- Not for use on vertically mounted track

OPTICS:

0-180° tilt, 360° rotation
Available in a variety of beam spreads
LED:
Color Temp Options: 2200K, 2700K, 3000K, 3500K, 4000K
CRI: 83 typ. (2700K, 3000K, 3500K, 4000K)
90+ typ. (2200K, 2700K, 3000K, 3500K)
CrispWhite & Class A LED available
R9 Values: 11 (83CRI), 55 (92CRI)
Binning: 3 MacAdam
Lumen Maintenance: >70% of initial lumens @ 50,000 hrs
Lumen Output (21W, 3000K): 1850 lm (89.6 lpw)
CBCP (21W, 3000K): SP 13,578
VNSP (18W only) 24,308

LABELING:

CE
Dry location

I-C3MV
LED

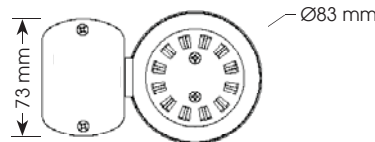
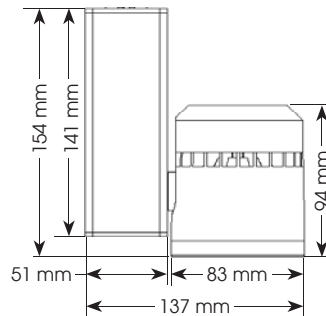
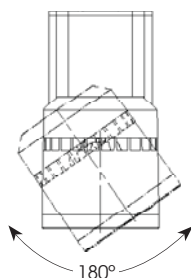


PROJECT:

TYPE:



Electrostatic sensitive device,
observe precautions for
handling



ELECTRICAL

Electronic driver

	15W		18W		21W	
	System Watts	Amps	System Watts	Amps	System Watts	Amps
240v	15	0.06	18	0.08	21	0.09

ORDERING INFORMATION:

Model	Wattage	Lamp Type	Finish	Mounting	Voltage	Beam Spread	Color Temp (CCT-CRI)	Listing Code	Options/Accessories
I-C3MV	15 21	LED	WT - white texture BT - black texture ST - silver texture	GB67 - Global 1 cir GA100 - Global 3 cir	240	SP - spot, 14° VNF - very narrow flood, 18° NF - narrow flood, 23° FL - flood, 34° WF - wide flood, 44°	27 - 2700-83 30 - 3000-83 35 - 3500-83 40 - 4000-83 229 - 2200-90+ 279 - 2700-90+ 309 - 3000-90+ 359 - 3500-90+ 3CLA - 3K Class A CRISP - CrispWhite	CE	SN - snoot LS - linear spread HEX - hexcel louver CB - cross blade, matte black, requires snoot SOL - solite beam softening lens
	18 (8° only)		(other RAL)			VNVP - very narrow spot, 8° (18w only)			

Example: I-C3MV-21-LED-WT-GB67-240-FL-30-CE

Cat #:

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

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I-C3MV
LED



TYPE:



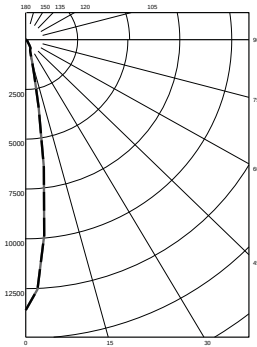
FIXTURE DATA: For 15W data, multiply by 0.71; For 18W see next page

Complete photometric data (ies format) available upon request.

CCT Correction Factors: 2700-83 = 0.96; 3500-83 = 1.02; 4000-83 = 1.04; 2200-90+ = 0.71; 2700-90+ = 0.80; 3000-90+ = 0.83; 3500-90+ = 0.87; Crisp = 0.65

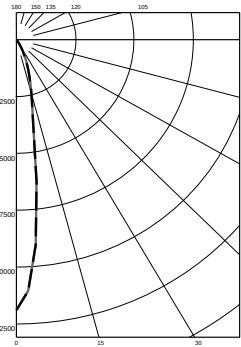
21W LED (3000K-83)

SPOT (SP)
DISTRIBUTION
LTL #1026701



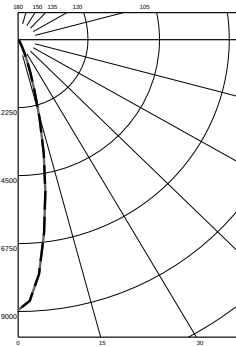
Candelas at Nadir	
Deg	Candela
0	13578
5	9865
15	1152
25	506
35	211
45	101

VERY NARROW
FLOOD (VNF) DISTRIBUTION
LTL #883522



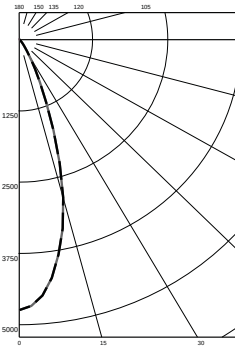
Candelas at Nadir	
Deg	Candela
0	11895
5	9054
15	2337
25	790
35	103
45	23

NARROW FLOOD (NF)
DISTRIBUTION
LTL #1037438



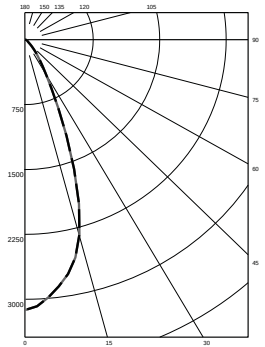
Candelas at Nadir	
Deg	Candela
0	8953
5	7795
15	2707
25	474
35	94
45	50

FLOOD (FL)
DISTRIBUTION
LTL #1037439



Candelas at Nadir	
Deg	Candela
0	4743
5	4504
15	2871
25	829
35	178
45	49

WIDE FLOOD (WF)
DISTRIBUTION
LTL #1037440



Candelas at Nadir	
Deg	Candela
0	3124
5	2988
15	2330
25	876
35	287
45	102

APPLICATION DATA:

Notes and Definitions:

Beam spread is to 50% center beam candlepower (CBCP).

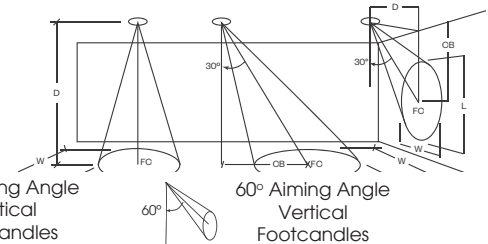
D=Distance to floor or wall.

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'	540	1.2	1.2	5.0'	348	1.6	1.4	3.0	3.0'	200	2.8	1.4	5.0	3.0'	726	1.3	1.1	2.0
	7.5'	241	1.8	1.8	7.5'	155	2.5	2.2	4.0	4.0'	121	3.5	1.8	6.0	4.0'	518	1.5	1.2	2.0
	10.0'	136	2.6	2.6	10.0'	85	3.4	3.0	6.0	5.0'	77	4.3	2.5	8.0	5.0'	334	1.8	1.3	3.0
	12.5'	87	3.2	3.2	12.5'	57	4.2	3.6	7.0	6.0'	54	5.2	2.9	9.0	6.0'	230	2.2	1.6	3.0
VERY NARROW FLOOD	5.0'	473	1.4	1.4	5.0'	305	1.9	1.5	3.0	3.0'	176	3.4	1.5	5.0	3.0'	651	1.6	1.2	2.0
	7.5'	211	2.1	2.1	7.5'	136	2.9	2.5	4.0	4.0'	108	4.1	2.0	6.0	4.0'	462	1.6	1.3	2.0
	10.0'	119	2.9	2.9	10.0'	75	3.8	3.3	6.0	5.0'	67	5.3	2.8	8.0	5.0'	293	2.0	1.5	3.0
	12.5'	76	3.5	3.5	12.5'	50	4.7	3.9	7.0	6.0'	49	6.3	3.2	9.0	6.0'	206	2.4	1.8	3.0
NARROW FLOOD	5.0'	358	1.9	1.9	5.0'	257	2.4	2.1	3.0	3.0'	181	3.2	1.8	4.0	3.0'	620	1.9	1.2	2.0
	7.5'	159	2.9	2.9	7.5'	115	3.5	3.2	4.0	4.0'	96	4.4	2.8	6.0	4.0'	426	1.9	1.5	2.0
	10.0'	90	3.8	3.8	10.0'	63	4.8	4.2	5.0	5.0'	63	5.3	3.3	7.0	5.0'	249	2.5	2.2	3.0
	12.5'	58	4.8	4.8	12.5'	40	6.1	5.4	7.0	6.0'	43	6.7	4.0	8.0	6.0'	182	2.9	2.6	3.0
FLOOD	5.0'	190	2.9	2.9	5.0'	130	3.5	3.1	2.0	3.0'	113	3.4	2.7	3.0	3.0'	340	2.3	1.8	1.0
	7.5'	85	4.3	4.3	7.5'	58	5.2	4.8	3.0	4.0'	64	4.6	3.5	4.0	4.0'	208	2.8	2.6	2.0
	10.0'	48	5.7	5.7	10.0'	34	6.8	6.4	5.0	5.0'	41	5.8	4.4	5.0	5.0'	133	3.5	3.1	2.0
	12.5'	31	7.2	7.2	12.5'	22	8.5	8.0	6.0	6.0'	29	7.0	5.2	7.0	6.0'	93	4.1	3.8	3.0
WIDE FLOOD	5.0'	125	3.3	3.3	5.0'	92	3.9	3.5	2.0	3.0'	92	3.2	2.7	3.0	3.0'	254	2.3	2.0	1.0
	7.5'	56	5.0	5.0	7.5'	41	5.6	5.4	3.0	4.0'	52	4.3	3.6	4.0	4.0'	138	3.2	3.0	2.0
	10.0'	32	6.7	6.7	10.0'	23	7.6	7.3	4.0	5.0'	34	5.3	4.6	5.0	5.0'	93	3.9	3.5	2.0
	12.5'	20	8.5	8.5	12.5'	15	9.6	9.2	5.0	6.0'	23	6.5	5.5	6.0	6.0'	64	4.7	4.5	2.0

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I-C3MV
LED



TYPE:



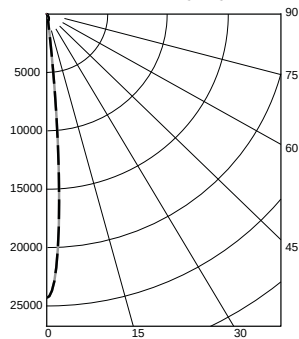
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18W LED (3000K-83)

VERY NARROW SPOT (VNSP)
DISTRIBUTION
LTL #1170140



Candelas at Nadir	
Deg	Candela
0	24308
5	8980
15	527
25	394
35	131
45	57

APPLICATION DATA:

Notes and Definitions:

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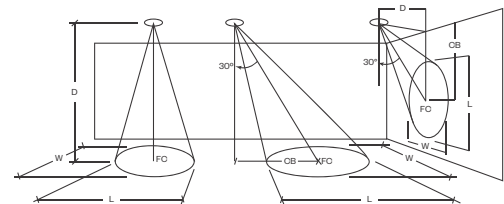
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VERY NARROW SPOT	0° Aiming Angle Horizontal Footcandles					30° Aiming Angle Horizontal Footcandles					30° Aiming Angle Vertical Footcandles					60° Aiming Angle Vertical Footcandles				
	D	FC	L	W		D	FC	L	W	CB	D	FC	L	W	CB	D	FC	L	W	CB
	5.0'	967	1.0	1.0		5.0'	624	1.0	1.0	3.0	3.0'	360	1.5	1.0	5.0	3.0'	983	1.0	1.0	2.0
	7.5'	431	1.1	1.1		7.5'	251	1.8	1.1	4.0	4.0'	185	2.4	1.1	7.0	4.0'	729	1.1	1.0	2.0
	10.0'	243	1.3	1.3		10.0'	153	2.1	1.6	6.0	5.0'	129	2.7	1.2	8.0	5.0'	600	1.1	1.0	3.0
	12.5'	156	1.8	1.8		12.5'	102	2.4	2.2	7.0	6.0'	90	3.3	1.6	10.0	6.0'	325	1.9	1.0	3.0