



busSTRUT : SLEEVED WHITE
fixture : white

Replaceable
yOke-ARRAY™



90+ (CRI) LED yOke-ARRAY™ Technology

THE yOke-ARRAY PROVIDES A HIGH PERFORMANCE ALTERNATIVE TO CONVENTIONAL LED CLUSTERS. THESE COMPACT HIGH FLUX DENSITY LIGHT SOURCES DELIVER UNIFORM HIGH QUALITY ILLUMINATION WITHOUT PIXILATION OR THE MULTIPLE SHADOW EFFECT CAUSED BY OUTDATED LED CLUSTER TYPE LIGHT FIXTURES. ALL WHILE DELIVERING MUSEUM QUALITY 90+ CRI LUMENS WITH A WARM (3000K) COLOR TEMPERATURE.

YAM-L4-G2 90+ yOke-ARRAY™
CYLINDER (20W) 24°/32°/50°

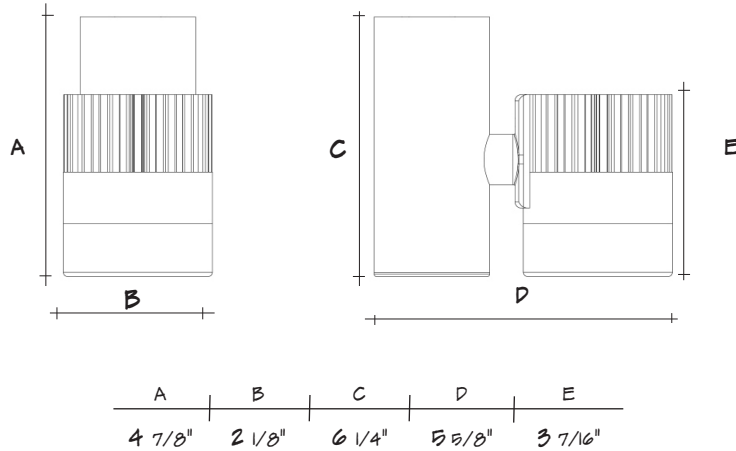
LED ACCENTLIGHT

ACCENTLIGHT

busSTRUT READY 90+ yoke-ARRAY™ LED

YAM-L4-G2 yoke-ARRAY™ LED CYLINDER	busSTRUT	Lamp	Life (HRS)	Type	CRI	Fixture lm	Watts	lm/w	Beam	CBCP	Kelvin	(F) Finish	Catalog Number
	BR	LED	50,000	Accent	92	2180	20	75	24°	6460	3000	SV = Silver B = Black W = White	BR-YAM-L4-G2-300-U-NFL24-(F)-(OC)
						2244		77	32°	5350			BR-YAM-L4-G2-300-U-FL32-(F)-(OC)
						2306		80	50°	3178			BR-YAM-L4-G2-300-U-WFL50-(F)-(OC)

(20W) 24°/32°/50° ACCENTLIGHT



LED Light Engine:
 -3000k 92 CRI
 -3 Step MacAdam (3 SDMC)
 -LED mounted to die-cast/extruded aluminum heat sink
 -50,000 hours average rated life at 70% output

Electrical System:
 -max. 277V 60Hz input
 -Class 2 power supply
 -Over voltage, over current and shot circuit protection: Auto recovery
 -MTBF > 100,000 hours
 -Complies with IEEE C62.41 for surge endurance up to 2.5KV

Dimming:
 -Must specify -DIM for ELV Dimming
 -Dimmable 100 - 10%

Listing:
 -ETL Listed to US and Canadian standards for dry locations

Optics:
 -24° Narrow Flood
 -32° Flood
 -50° Wide Flood

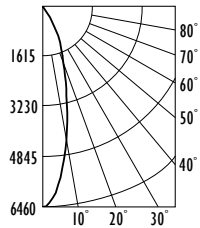
Control Media:
 -Will accommodate a maximum of (2) filter media
 -No accessory holder required

OPTION CODES (OC):

Diffusion Filters	Color Filters	Louver
PFL-CL1-S Prismatic Spread Lens	PL-CL5-S Amber Lens	PFLMB Black Hex Louver
PFL-CL2-S Linear Spread Lens	PL-CL6-S Red Lens	
PFL-CL4-S Beam Softener Lens	PL-CL9-S Blue Lens	

CANDLEPOWER:

24° Narrow Flood

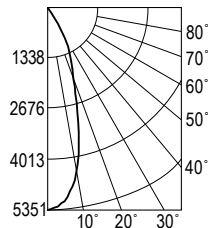


Watts: 29
 Lumens: 2189
 LPW: 88
 CCT: 3000K

Candelas at Nadir

Degree	Candela
0°	6460
5°	5774
15°	2983.5
25°	1379.
35°	239.7
45°	26.4

32° Flood (32)

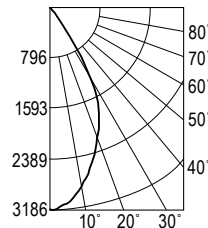


Watts: 29
 Lumens: 2244
 LPW: 90
 CCT: 3000K

Candelas at Nadir

Degree	Candela
0°	5350.8
5°	5143.4
15°	3145
25°	1427.6
35°	289
45°	28.9

50° Wide Flood (50)



Watts: 29
 Lumens: 2306
 LPW: 93
 CCT: 3000K

Candelas at Nadir

Degree	Candela
0°	3178.2
5°	3096.6
15°	2536.4
25°	1857.3
35°	553.4
45°	73.1

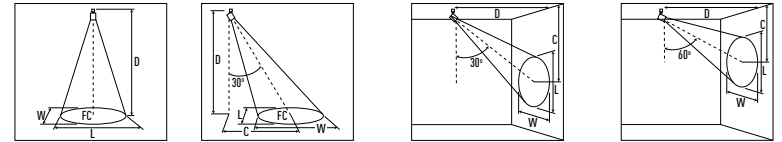
APPLICATION DATA:

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W and L are the outer points where the candle power drops to 50% of maximum. FC are the initial foot candles at the center of the beam.

W Beam width
 L Beam length
 C Distance to center of beam
 D Distance
 FC Foot candles

Illuminated width & length are based upon point at which illuminance falls to 50% of center illuminance. Recommended spacing is based upon uniform illuminance aiming angle is the angle between the lamp axis and the perpendicular to the illuminated plane.



	0° HORIZONTAL				30° HORIZONTAL				30° VERTICAL				60° VERTICAL						
	D	FC	W	L	D	C	FC	W	L	D	C	FC	W	L	D	C	FC	W	L
24° Narrow Flood	6'	179.4	3'	3'	6'	3'	121.6	3' 8"	3' 4"	3'	4'	168.3	2' 9"	4' 6"	3'	2'	259.3	1' 8"	1' 10"
	8'	101.2	4'	4'	8'	4'	68.3	4' 10"	4' 4"	4'	6'	96.9	3' 6"	5' 11"	4'	2'	136.9	2' 5"	2' 8"
	10'	64.6	5'	5'	10'	5'	43.8	6'	5' 4"	5'	7'	62.1	4' 4"	7' 4"	5'	3'	97.8	2' 10"	3' 1"
32° Flood	6'	44.9	6'	6'	6'	6'	30.3	7' 3"	6' 5"	6'	9'	43.2	5' 3"	8' 9"	6'	4'	64.9	3' 6"	3' 9"
	8'	148.8	3' 7"	3' 7"	8'	3'	103.7	4' 2"	3' 9"	3'	4'	157.3	3'	4' 8"	3'	2'	221.9	2'	2' 4"
	10'	763.6	4' 10"	4' 10"	10'	4'	58.5	5' 7"	5' 1"	4'	5'	89.3	3' 9"	6' 1"	4'	3'	117.3	2' 11"	3' 1"
50° Wide Flood	10'	53.6	6'	6'	10'	4'	37.9	6' 11"	6' 2"	5'	6'	56	4' 11"	7' 8"	5'	3'	80.5	3' 4"	3' 8"
	12'	37.2	7' 4"	7' 4"	12'	5'	26.4	8' 2"	7' 5"	6'	8'	39.2	5' 10"	9' 2"	6'	4'	55.5	4'	4' 5"
	6'	88.4	6' 4"	6' 4"	6'	2'	65.6	5' 6"	5' 5"	3'	3'	99.5	4' 1"	5' 3"	3'	2'	133.5	3'	3' 2"
	8'	49.6	8' 5"	8' 5"	8'	3'	37.1	7' 2"	7' 3"	4'	4'	56	5' 5"	6' 10"	4'	3'	72.5	4' 2"	4' 3"
	10'	31.8	10' 6"	10' 6"	10'	4'	23.6	8' 11"	9' 1"	5'	6'	36.2	6' 9"	8' 7"	5'	3'	48.12	5' 1"	5' 2"
	12'	22.1	12' 7"	12' 7"	12'	4'	16.4	10' 9"	10' 11"	6'	7'	25.2	8' 1"	10' 2"	6'	4'	33.2	6' 1"	6' 3"

busSTRUT

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