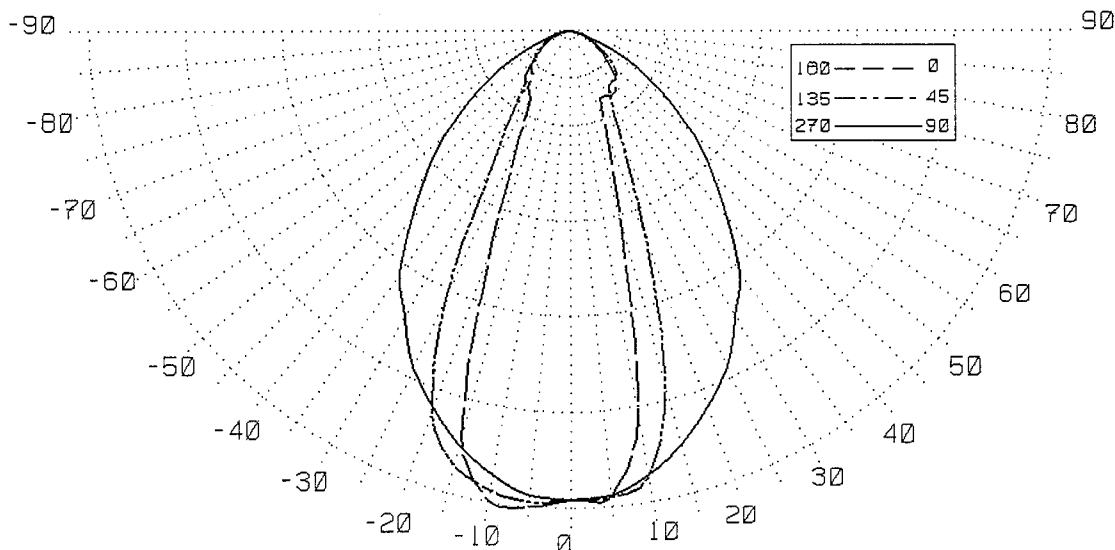


BALLABS CERTIFIED TEST REPORT NO.: 20909.0 DATE 08/26/19  
PREPARED FOR: H.E. WILLIAMS, INC - CARTHAGE, MO  
DESCRIPTION: 1-56LED 22"ARRAY PXG WASH DISTRIBUTION WALL MNT LUMINAIRE  
WHITE STEEL HOUSING/REFL & TEXTURED FROST ACRYLIC LENS  
ADVANCE #XI020C056V054BST2 @ 150mA  
CATALOG NBR: PXG-46-1'10-L4/830-W-DIM-UNV  
LAMP TYPE : HEW #10560226 HLM2256\_5620 REV B

0 DEGREE PLANE CONTAINS MAXIMUM CANDLEPOWER



*Handwritten signature*

**NVLAP**<sup>®</sup>  
TESTING

NVLAP LAB CODE 200921-0

LUMEN SUMMARY							
ZONE	LUMENS	%LAMP	%FIXT	ZONE	LUMENS	%LAMP	%FIXT
0- 30	280.	NA.	52.5	90-120	0.	NA.	.0
0- 40	383.	NA.	71.8	90-130	0.	NA.	.0
0- 60	493.	NA.	92.4	90-150	0.	NA.	.0
0- 90	534.	NA.	100.0	90-180	0.	NA.	.0
TOTAL LUMINAIRE =				0-180	534.	NA.	100.0

THIS BALLABS REPORT WITH THE USE OF THE NVLAP LOGO SHALL NOT BE USED BY THIS CLIENT TO CLAIM PRODUCT CERTIFICATION, APPROVAL, OR ENDORSEMENT BY NVLAP, NIST, OR ANY AGENCY OF THE FEDERAL GOVERNMENT.

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CANDLEPOWER DISTRIBUTION  
 0 DEGREE PLANE CONTAINS MAXIMUM CANDLEPOWER

VERT	HORIZONTAL										LUMENS	
	.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0	FRONT	BACK	TOTAL
0	496.	496.	496.	496.	496.	496.	496.	496.	496.			
5	496.	497.	495.	496.	493.	495.	501.	506.	506.	23.7	23.9	47.6
10	416.	443.	481.	482.	477.	485.	493.	502.	504.			
15	210.	260.	390.	459.	454.	467.	476.	466.	446.	50.9	66.2	117.1
20	118.	133.	241.	426.	425.	440.	430.	295.	241.			
25	79.	87.	135.	355.	393.	411.	309.	148.	125.	51.1	64.6	115.7
30	80.	79.	91.	266.	351.	371.	161.	91.	83.			
35	82.	80.	73.	178.	313.	318.	102.	80.	75.	40.5	62.4	102.9
40	78.	77.	71.	112.	260.	230.	72.	68.	61.			
45	68.	70.	70.	78.	215.	149.	64.	54.	57.	28.6	39.3	67.9
50	56.	59.	64.	56.	171.	90.	49.	50.	49.			
55	43.	44.	52.	50.	128.	54.	43.	39.	38.	21.2	20.9	42.1
60	32.	33.	38.	42.	90.	40.	33.	30.	28.			
65	24.	26.	28.	34.	60.	30.	26.	22.	21.	14.9	12.9	27.8
70	18.	19.	21.	26.	34.	22.	19.	14.	16.			
75	10.	11.	11.	14.	17.	12.	10.	9.	8.	6.8	5.6	12.3
80	6.	6.	7.	7.	9.	6.	6.	3.	3.			
85	0.	0.	0.	0.	2.	1.	1.	0.	0.	.0	.3	.3
90	0.	0.	0.	0.	0.	0.	0.	0.	0.			

USE .333 FT. AS LENGTH AND 1.844 FT. AS WIDTH

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ZONAL CAVITY COEFFICIENTS OF UTILIZATION

EFFECTIVE FLOOR CAVITY REFLECTANCE=.20

CEILING	.80				.70				.50				.30				.10				.00
WALL	.70	.50	.30	.10	.70	.50	.30	.10	.50	.30	.10	.50	.30	.10	.50	.30	.10	.50	.30	.10	.00
RCR																					
0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.02	1.02	1.00	
1	1.13	1.09	1.06	1.04	1.10	1.07	1.05	1.02	1.03	1.01	.99	.99	.98	.96	.96	.95	.93	.93	.91	.91	
2	1.06	1.00	.95	.91	1.03	.98	.94	.90	.95	.91	.88	.92	.89	.86	.89	.87	.84	.84	.83	.83	
3	.99	.92	.86	.81	.97	.90	.85	.81	.88	.83	.79	.85	.81	.78	.83	.80	.77	.77	.75	.75	
4	.93	.84	.78	.73	.91	.83	.77	.72	.81	.76	.72	.79	.74	.71	.77	.73	.70	.70	.68	.68	
5	.87	.77	.71	.66	.85	.76	.70	.65	.74	.69	.65	.73	.68	.64	.71	.67	.63	.63	.62	.62	
6	.82	.72	.65	.60	.80	.71	.64	.60	.69	.64	.59	.68	.63	.59	.66	.62	.58	.58	.57	.57	
7	.77	.66	.60	.55	.76	.66	.59	.55	.64	.59	.54	.63	.58	.54	.62	.57	.54	.54	.52	.52	
8	.72	.61	.55	.50	.71	.61	.54	.50	.60	.54	.49	.58	.53	.49	.57	.53	.49	.49	.47	.47	
9	.68	.57	.50	.45	.66	.56	.50	.45	.55	.49	.45	.54	.49	.45	.53	.48	.45	.45	.43	.43	
10	.64	.52	.46	.41	.63	.52	.46	.41	.51	.45	.41	.50	.45	.41	.49	.44	.41	.41	.39	.39	

TESTED IN ACCORDANCE WITH CURRENT IES PROCEDURES

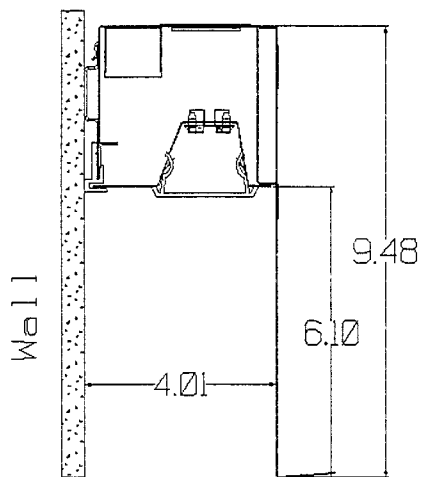
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\*\*\*\*\*

ELECTRICAL CHARACTERISTICS 120.01V .0719A 8.4410W

LUMINOUS EFFICACY (LUMENS / WATTS) = 63.3

TESTED IN ACCORDANCE WITH CURRENT IES STANDARDS  
UTILIZING ABSOLUTE PHOTOMETRY PER LM-79-08



0 Degree Plane →