ADJUSTABLE BEAM WALL WASH 12V
5221

WAC
LANDSCAPE LIGHTING
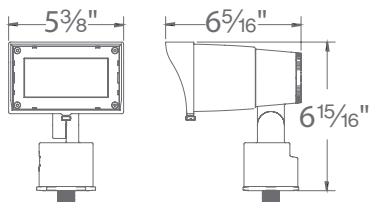
Fixture Type:

Catalog Number:

Project:

Location:

5⅜" 6⁵⁄₁₆" 6¹⁵⁄₁₆"

PRODUCT DESCRIPTION

With the ability to achieve beam distributions of 3x4 to 5x6 proportions and more, expect a uniform beam wash of light in a fixture that can adapt to changing needs. A powerhouse all-in-one unit in 120 VAC or 9-15VAC provides integral brightness control, and the ability to be dimmed, while being compatible with a range of accessories.

FEATURES

- Continuously adjustable NEMA beam distribution 3x4 (35" x 60"), 4x5 (60" x 90"), 5x6 (90" x 120")
- Integral brightness control
- Rotate fixture head for vertical distribution
- Transformer required (sold separately)
- IP65 Rated, protected against powerful water jets
- Solid die-cast brass or corrosion resistant aluminum alloy

SPECIFICATIONS

Input: 9 - 15VAC
Power: 3W to 25W / 4.4VA -27.8VA (Use VA value for sizing the transformer and calculate voltage drop.)
Brightness: 200 lm to 1500 lm
Beam Angle: Assorted NEMA distributions
CRI: 85
Rated Life: 70,000 hours

ORDERING NUMBER

		Color Temp	Finish	
5221	*Adjustable beam wall wash 12V*	*2700K* *3000K*	**BK** **BZ** **BBR**	*Black on Aluminum* *Bronze on Aluminum* *Bronze on Brass*

5221-_____

Example: **5221-30BZ**

NEMA WALL WASH 5221
12V 3000K

Product	Data	NEMA 6X5					NEMA 5X4					NEMA 4X3				
		CBCP	Lumen (LM)	VA(VA)	Efficacy (lm/w)	Beam Angle(°)	CBCP	Lumen (LM)	VA(VA)	Efficacy (lm/w)	Beam Angle(°)	CBCP	Lumen (LM)	VA(-VA)	Efficacy (lm/w)	Beam Angle(°)
	3w	119.9	226.373	5,01	73.98	109.1x87.2	120.7	153.964	5,02	42.76	90.4x49.7	117.5	84.7834	5,02	23.51	66.1x35.6
	7W	283.1	628.435	11.99	74.6	109x87	245.8	313.427	10.26	43.54	90.5x49.7	237.4	171.395	10.25	10.25	66.1x35.6
	15W	508.7	1128.95	22.36	69.77	109.1x87	442	562.778	18.81	41.3	90.4x49.6	459.1	330.727	20.43	20.43	66x35.6
	23W	646.6	1435.71	29.16	65.75	109.1x87	649	826.734	29.14	37.81	90.4x49.7	626.5	451.319	28.82	28.82	66x35.6
5221	26W	720.3	1654.16	34.94	61.63	109.1x86.6	748.6	954.105	34.96	35.64	90.4x49.7	732.4	525.841	34.97	34.97	66x35.6

NEMA WALL WASH 5221
12V 2700K

Product	Data	NEMA 6X5					NEMA 5X4					NEMA 4X3				
		CBCP	Lumen (LM)	VA(VA)	Efficacy (lm/w)	Beam Angle(°)	CBCP	Lumen (LM)	VA(VA)	Efficacy (lm/w)	Beam Angle(°)	CBCP	Lumen (LM)	VA(-VA)	Efficacy (lm/w)	Beam Angle(°)
	3w	115.6	256.784	5.008	71.23	109.1x87.2	116.4	148.421	5,.015	41.22	90.4x49.7	113.2	81.7312	5.024	22.66	66.1x35.6
	7W	272.9	605.812	11.99	71.91	109x87	236.9	302.143	10.257	41.97	90.5x49.7	228.8	165.225	10.25	22.98	66.1x35.6
	15W	490.4	1088.31	22.36	67.26	109.1x87	426.1	542.518	18.812	39.81	90.4x49.6	442.6	318.821	20.43	21.43	66x35.6
	23W	623.3	1384.03	29.16	63.38	109.1x87	625.6	796.972	29.14	36.45	90.4x49.7	604	435.072	28.82	20	66x35.6
5221	26W	720.3	1591.71	34.94	59.41	109.1x86.6	721.6	919.757	34.958	34.36	90.4x49.7	706	506.911	34.97	18.94	66x35.6

Rotation

6X5 (120ºH X 90ºV)
5X4 (90ºH X 60ºV)
4X3 (60ºH X 35ºV)

Rotation

5X6 (90ºH X 120ºV)
4X5 (60ºH X 90ºV)
3X4 (35ºH X 60ºV)
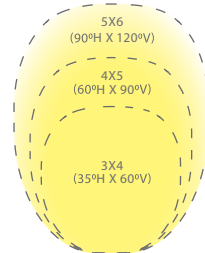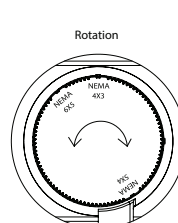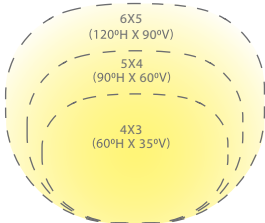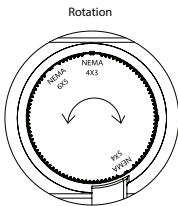
Architectural beam distributions from 3x4 to 4x5 to 5x6 proportions and everything in between.
Always a uniform wide beam wash of light.

NEMA 5x4 ○ - → NEMA 4x5

LANDSCAPE LED LANDSCAPE
ADJUSTABLE BEAM WALL WASH PHOTOMETRICS

5221/5222
NEMA 4X3

FIXTURE	MOUNTING DISTANCE (d)	A	B	C	D	E	F
5221/5222 (4X3)	3ft	27.9fc	11.3fc	5.6fc	1.5fc	0.05fc	0.02fc
	4ft	15.7fc	6.3fc	3.2fc	0.85fc	0.03fc	0.01fc
	5ft	10.1fc	4.1fc	2fc	0.53fc	0.02fc	0.01fc
	6ft	7fc	2.8fc	1.4fc	0.37fc	0.01fc	-
	7ft	5.1fc	2.1fc	1fc	0.28fc	0.01fc	-
	8ft	4fc	1.6fc	0.79fc	0.21fc	0.01fc	-
	9ft	3.1fc	1.3fc	0.62fc	0.17fc	0.01fc	-
	10ft	2.5fc	1.0fc	0.51fc	0.14fc	-	-

In Multiples of Mounting Distance (Vertical)

In Multiples of Mounting Distance (Horizontal)
(e.g at 3ft, 2d = 2*3 = 6ft)

45°
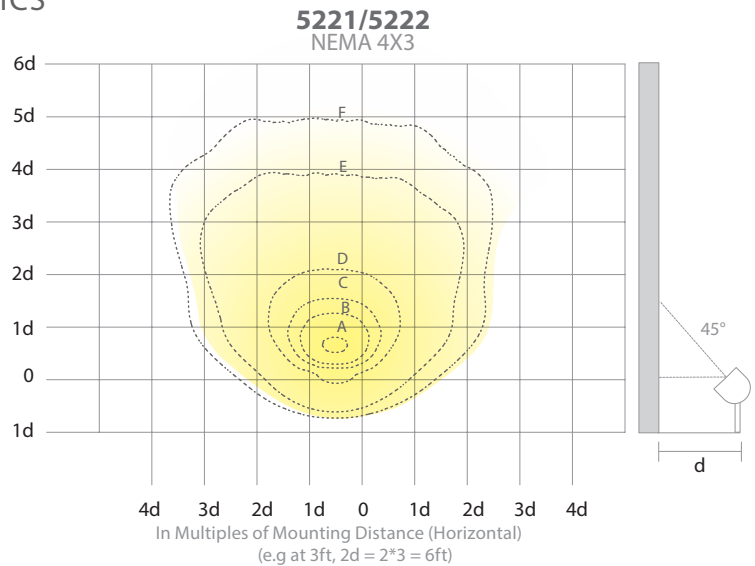
5221/5222
NEMA 5X4

FIXTURE	MOUNTING DISTANCE (d)	A	B	C	D	E	F
5221/5222 (5X4)	3ft	28.9fc	13.4fc	7.9fc	3fc	0.36fc	0.14fc
	4ft	16.3fc	7.5fc	4.4fc	1.7fc	0.20fc	0.08fc
	5ft	10.4fc	4.8fc	2.8fc	1.1fc	0.13fc	0.05fc
	6ft	7.3fc	3.4fc	2.0fc	0.75fc	0.09fc	0.04fc
	7ft	5.3fc	2.5fc	1.5fc	0.55fc	0.07fc	0.03fc
	8ft	4.1fc	1.9fc	1.1fc	0.42fc	0.05fc	0.02fc
	9ft	3.2fc	1.5fc	0.87fc	0.33fc	0.04fc	0.02fc
	10ft	2.6fc	1.2fc	0.71fc	0.27fc	0.03fc	0.01fc

In Multiples of Mounting Distance (Vertical)

In Multiples of Mounting Distance (Horizontal)
(e.g at 3ft, 2d = 2*3 = 6ft)

45°
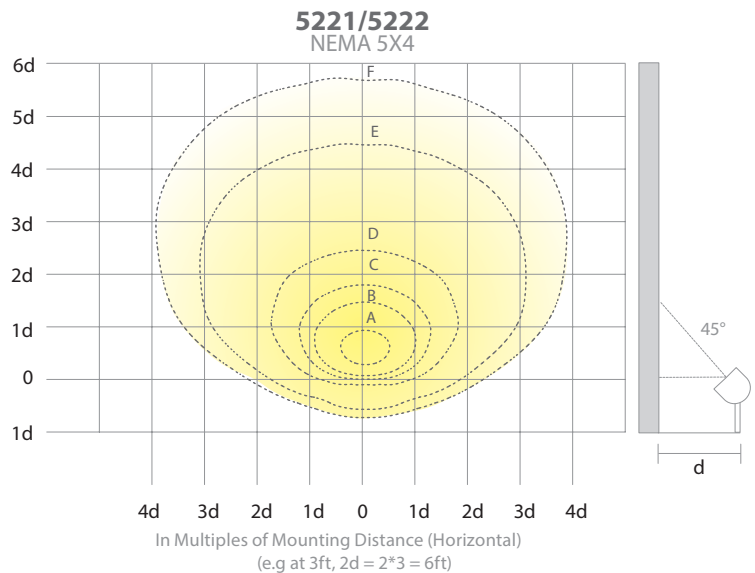
5221/5222
NEMA 6X5

FIXTURE	MOUNTING DISTANCE (d)	A	B	C	D	E	F
5221/5222 (6X5)	3ft	28.9fc	13.6fc	8.8fc	4.1fc	0.70fc	0.32fc
	4ft	16.3fc	7.7fc	5.0fc	2.3fc	0.39fc	0.18fc
	5ft	10.4fc	4.9fc	3.2fc	1.5fc	0.25fc	0.12fc
	6ft	7.2fc	3.4fc	2.2fc	1.0fc	0.18fc	0.08fc
	7ft	5.3fc	2.5fc	1.6fc	0.75fc	0.13fc	0.06fc
	8ft	4.1fc	1.9fc	1.2fc	0.58fc	0.10fc	0.05fc
	9ft	3.2fc	1.5fc	0.98fc	0.45fc	0.08fc	0.04fc
	10ft	2.6fc	1.2fc	0.79fc	0.37fc	0.06fc	0.03fc

In Multiples of Mounting Distance (Vertical)

In Multiples of Mounting Distance (Horizontal)
(e.g at 3ft, 2d = 2*3 = 6ft)

45°

Accessories

14" Mounting Stake		**9000-ST14-BZ**	*Bronze*	*Durable PC stake*
Surface Mount Flange/Stake		**5000-SCP-BK** **5000-SCP-BZ** **5000-SCP-BBR**	*Black on Aluminum* *Bronze on Aluminum* *Bronze on Brass*	*Includes three 7 inch threaded stainless steel stabilizing pins for ground mounting or surface mounts with four screws or over a junction box*
Guardian Mount		**9000-SP9-BZ**	*Stainless Steel*	*Heavy duty stainless steel spike to position fixture;*
Gutter Mount Bracket		**5000-GM-BK** **5000-GM-BZ**	*Black on Aluminum* *Bronze on Aluminum*	*Stainless steel universal mounting bracket for gutter mounting fixture*
Tree Mount Junction Box		**5000-TCP-BK** **5000-TCP-BZ**	*Black on Aluminum* *Bronze on Aluminum*	*Aluminum box with stainless steel mounting screws; two 1/2" NPT threaded holes, UL 120V Listed*
		5000-TCL-BK **5000-TCL-BZ**	*Black on Aluminum* *Bronze on Aluminum*	*Large Aluminum box with stainless steel mounting screws; two 1/2" NPT threaded holes, UL 120V Listed*
Large Tree Mount Canopy Strap		**5000-TST-BK**	*Black on Steel and terylene*	*Ratcheting device with strap to be used with Large Tree Mount Junction Box (5000-TCL)*

Optics		**LENS-3X5-AMB** **LENS-3X5-GRN** **LENS-3X5-RED**	*Amber* *Green* *Red*	**LENS-3X5-BLU** **LENS-3X5-FR** **LENS-3X5-SPR**	*Blue* *Frosted* *Spread*	**LENS-3X5-BEL**	*Beam Elongating*	*Enhances saturation of florals and foliage*

14" Mounting stake (12V), detachable shroud, 6' lead wire and direct burial gel filled wire nuts (12V) or standard wire nuts (120V) included

Magnetic Transformers

Stainless Steel, 12-15V output, IP65 rated, UL 1838 listed
See transformer spec sheet for details and its accessories

9075-TRN-SS	**9150-TRN-SS**	**9300-TRN-SS**	**9600-TRN-SS**
75W Max	*150W Max*	*300W Max*	*600W Max*

WAC Lighting retains the right to modify the design of our products at any time as part of the company's continuous improvement program.   AUG 2024