

PRODUCT SPECIFICATIONS

LED Light Engine Fixture to fixture color consistency within a 2-step MacAdam ellipse • 2700K, 3000K, 3500K, or 4000K color temperatures are available with 80 CRI minimum • 2700K and 3000K are also available with 90 CRI minimum.

Modular Optics 45° cutoff to source and source image • Available with field interchangeable optics in 15°, 24°, 35°, and 45° distributions • Additional distributions of 20°, 30°, 40°, 50°, 55°, 60°, and 60° x 20° FWHM can be achieved with the use of the diffusing films and spot primary optic.

Adjustability Patented Acu-Aim™ precision geared hot-aiming achieves 365° rotation, 40° tilt with any ceiling thickness from ½" to 1" • Acu-Aim™ translates light engine forward as it is aimed off nadir, ensuring maximum light and low brightness • Black aiming mechanism preserves dark aperture.

Trims Style Self Flanged and Flangeless (drywall ceilings only) styles are available

LED Driver Choice of two drivers to accommodate voltages from 120-277 volts AC at 50/60Hz • Dims as low as 1% with most incandescent and electronic low voltage dimmers or 0-10V dimmers • For a list of compatible dimmers, refer to [ACULUX LED2-DIM](#) • Power Factor > 0.9 • Field replaceable from above or below ceiling.

Life Rated for 50,000 hrs at 70% lumen maintenance.

Codes/Labels UL and cUL listed for damp locations • Wet location listed with WET option • ENERGY STAR® certified with select color temperatures and trims • Union made.

Remodel Installation Fixture installs from below the ceiling and secured to remodel ring.

Wiring Includes (2) ½" knockouts equipped with pryout slots and are compatible with flexible electrical supply only • Supplied with quick connect electrical connectors.

Ceiling Thickness ½" – 1 ½" ceiling standard.

Warranty 5-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

**2" LED UNIVERSAL RECESSED
 ADJUSTABLE/DOWNLIGHT/WALL WASH**



800/1200/1500 LUMEN

ROUND APERTURE

REMODEL

AX2 AR



AX2 AR

NOTE: Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25°C.

Specifications subject to change without notice.

ORDERING INFORMATION

Example: AX2 AR G2 08LM 30K 80CRI 24D FPC 120

HOUSING OPTIONS	Series / Housing Style		Lumens		CCT		CRI		Beam		Driver		Voltage ²		Options	
		AX2 AR G2	Remodel Universal ADJ/DL/WW	08LM	800 Lumens	27K	2700K	80CRI	15D	15° beam	FPC	Phase cut dimming, 1% dim	120	NLIGHT³ nLight dimming pack controls (must be remote mounted)		
			12LM	1200 Lumens	30K	3000K	90CRI¹	24D	24° beam	ZT	0-10V Dimming, 1% dim	MVOLT (120-277)				
			15LM	1500 Lumens	35K	3500K		35D	35° beam							
					40K	4000K		45D	45° beam							

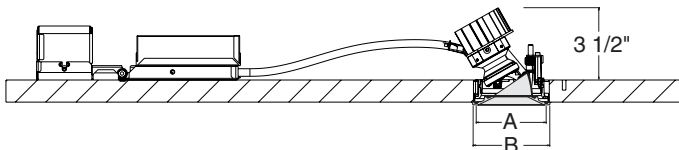
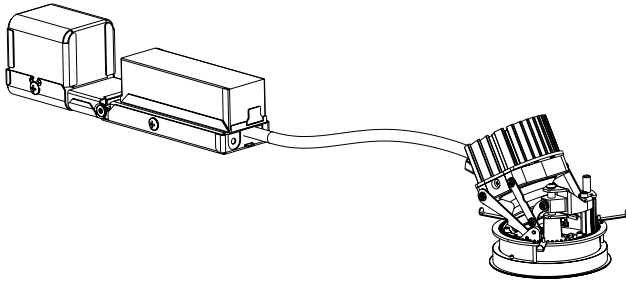
TRIM OPTIONS	Trim Style		Reflector Finish		Flange Style / Finish		Environment		Ceiling Installation	
		ADJUSTABLE		BD⁵	Black Diffuse	SELF-FLANGED		WET⁸	Wet location	SELF-FLANGED
	2ABV	Adjustable Bevel	BS⁶	Black Specular	SF⁶	Flange is same finish as reflector			—	Ceiling ≤ .75"
	2AC	Angle-Cut Reflector	CD⁶	Clear Diffuse	WHSF	White, flanged			CTA2/120	Ceiling 0.75" - 1.20"
	2APIN	Adjustable Pinhole, 1 ¼"	CS⁶	Clear Specular	BLSF⁶	Black, flanged			CTA2/150	Ceiling 1.20" - 1.5"
	2APINLG	Adjustable Pinhole, 1 ¾"	W⁶	White Paint	FLANGELESS⁷				FLANGELESS, GYPSUM	
	DOWNLIGHT		WTD⁴	Wheat Diffuse	FM⁴	Flangeless			FMA2R	Ceiling 0.5" - 1.5"
	2DBV	Downlight Bevel			WHFM⁵	Flangeless, White trim				
	2DH	Hyperbolic Downlight Trim			BLFM⁵	Flangeless, Black trim				
	2DP	Parabolic Downlight Trim								
	2DPIN	Downlight Pinhole, 1 ¼"								
	WALL WASH									
	2WW⁴	Architectural Wall Wash								

NOTES	Ordering Notes
	¹ 90CRI available on 27K and 30K only.
	² MVOLT standard on ZT. 120 standard on FPC.
	³ NLIGHT compatible with ZT only.
	⁴ Must Specify 24D with 2WW.
	⁵ Available only on 2ABV, 2APIN, 2APINLG, 2DBV, 2DPIN only.
	⁶ Available on 2AC, 2DP, 2DH, 2WW only.
	⁷ Flangeless trims in drywall ceilings must specify ceiling installation (FMA2R).
	⁸ WET not available on 2DH, 2WW.

2" LED UNIVERSAL RECESSED ADJUSTABLE/DOWNLIGHT/WALL WASH 800/1200/1500 LUMEN ROUND APERTURE REMODEL AX2 AR

DIMENSIONS

REMODEL



Trim Style	Cutout Size (A)	Trim O.D. (B)
Self Flanged Trims	2.953" (75mm)	3.20"
Flangeless Trims (Drywall Ceiling)	3"	2.875"

Note: An accurate hole saw is recommended for best results.

ACCESSORIES

Cat. #	Description
2AXG2OPT/15D	15° Spot Optic
2AXG2OPT/24D	24° Narrow Flood Optic
2AXG2OPT/35D	35° Flood Optic
2AXG2OPT/45D	45° Wide Flood Optic
AF2/10	10° Film (Use with 15D Optic)
AF2/20	20° Film (Use with 15D Optic)
AF2/30	30° Film (Use with 15D Optic)
AF2/40	40° Film (Use with 15D Optic)
AF2/50	50° Film (Use with 15D Optic)
AF2/60	60° Film (Use with 15D Optic)
AF2/90x1	90°x1° Film (Use with 15D Optic)
EMI20	20W Emergency Lighting Inverter

To order, specify catalog number.

DIFFUSING FILMS

To achieve the desired beam angle (FWHM), specify the following primary LED optic on the luminaire and order the diffusing film accessory from the table below

Desired FWHM	Primary Optic	Film
15°	15D	-
20°	15D	AF2/10
24°	24D	-
30°	15D	AF2/20
35°	35D	-
40°	15D	AF2/30
45°	45D	-
50°	15D	AF2/40
55°	15D	AF2/50
60°	15D	AF2/60
60°x20°	15D	AF2/90x1

ELECTRICAL DATA

Lumen Package	08LM			12LM			15LM		
	FPC	ZT		FPC	ZT		FPC	ZT	
Voltage	120	120	277	120	120	277	120	120	277
Input Power	10.0	9.9	10.1	14.7	14.3	14.3	17.3	16.5	16.4
Input Current	0.08	0.08	0.04	0.12	0.12	0.06	0.14	0.14	0.06
Frequency	50/60Hz			50/60Hz			50/60Hz		
Power Factor	0.99	0.99	0.9	0.99	0.99	0.92	0.99	0.99	0.92

2" LED UNIVERSAL RECESSED ADJUSTABLE/DOWNLIGHT/WALL WASH 800/1200/1500 LUMEN ROUND APERTURE REMODEL AX2 AR

TRIM SELECTION

ADJUSTABLE TRIMS

2AC Angle-Cut Reflector



Self-Flanged

Aperture : 2 1/4"



Flangeless



CCT/CRI:	80CRI 27K, 30K, 35K, 40K; 90CRI 27K, 30K
Optic:	15D, 24D, 35D, 45D
Trim Finish:	CS, CD, WTD, W

2ABV Adjustable Bevel



Self-Flanged

Aperture : 1 3/8"



Flangeless



CCT/CRI:	80CRI 27K, 30K, 35K, 40K; 90CRI 27K, 30K
Optic:	15D, 24D, 35D, 45D
Finish:	BD BLFM/BLSF, BD WHFM/WHSF

2APIN Adjustable Pinhole, 1 1/4"



Self-Flanged

Aperture : 1 1/4"



Flangeless



CCT/CRI:	80CRI 27K, 30K, 35K, 40K; 90CRI 27K, 30K
Optic:	15D, 24D, 35D, 45D
Trim Finish:	BD BLFM/BLSF, BD WHFM/WHSF

2APINLG Adjustable Pinhole, 1 3/4"



Self-Flanged

Aperture : 1 3/4"



Flangeless



CCT/CRI:	80CRI 27K, 30K, 35K, 40K; 90CRI 27K, 30K
Optic:	15D, 24D, 35D, 45D
Trim Finish:	BD BLFM/BLSF, BD WHFM/WHSF

DOWNLIGHT TRIMS

2DP Parabolic Downlight Trim



Self-Flanged

Aperture : 2 1/4"



Flangeless



CCT/CRI:	80CRI 27K, 30K, 35K, 40K; 90CRI 27K, 30K
Optic:	15D, 24D, 35D, 45D
Trim Finish:	CS, CD, WTD, W

2DH Hyperbolic Downlight Trim



Self-Flanged

Aperture : 2 1/4"



Flangeless



CCT/CRI:	80CRI 27K, 30K, 35K, 40K; 90CRI 27K, 30K
Optic:	15D, 24D, 35D, 45D
Trim Finish:	CS, CD, WTD, W

2DBV Downlight Bevel



Self-Flanged

Aperture : 1 3/8"



Flangeless



CCT/CRI:	80CRI 27K, 30K, 35K, 40K; 90CRI 27K, 30K
Optic:	15D, 24D, 35D, 45D
Finish:	BD BLFM/BLSF, BD WHFM/WHSF

2DPIN Downlight Pinhole



Self-Flanged

Aperture : 1 1/4"



Flangeless



CCT/CRI:	80CRI 27K, 30K, 35K, 40K; 90CRI 27K, 30K
Optic:	15D, 24D, 35D, 45D
Trim Finish:	BD BLFM/BLSF, BD WHFM/WHSF

WALL WASH

2WW Wall Wash



Self-Flanged

Aperture : 2 1/4"



Flangeless

* With WET option

2" LED UNIVERSAL RECESSED ADJUSTABLE/DOWNLIGHT/WALL WASH 800/1200/1500 LUMEN ROUND ANGLE-CUT REFLECTOR REMODEL 2AC Trim

2AC Angle-Cut Reflector



Self-Flanged



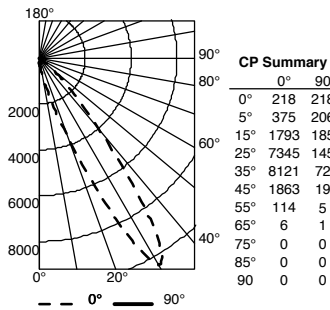
Flangeless



PHOTOMETRICS

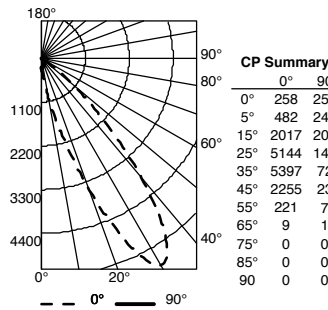
AX2 AR G2 15LM 30K 80CRI 15D FPC 120 2AC CD

3000K LEDs, input watts: 17.3, delivered lumens: 1495, LM/W = 86, test no. PT07172701, tested in accordance to IESNA LM-79
Beam Spread: 15D



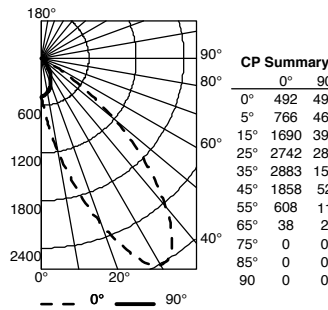
AX2 AR G2 15LM 30K 80CRI 24D FPC 120 2AC CD

3000K LEDs, input watts: 17.3, delivered lumens: 1437, LM/W = 83, test no. PT07172709, tested in accordance to IESNA LM-79
Beam Spread: 24D



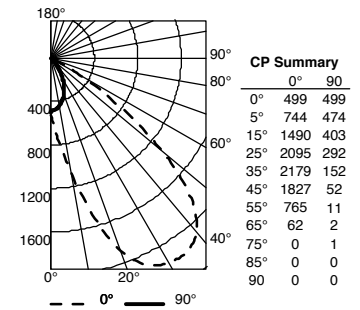
AX2 AR G2 15LM 30K 80CRI 35D FPC 120 2AC CD

3000K LEDs, input watts: 17.3, delivered lumens: 1398, LM/W = 81, test no. PT07172717R, tested in accordance to IESNA LM-79
Beam Spread: 35D



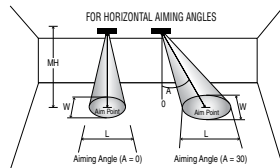
AX2 AR G2 15LM 30K 80CRI 45D FPC 120 2AC CD

3000K LEDs, input watts: 17.3, delivered lumens: 1376, LM/W = 80, test no. PT07172725R, tested in accordance to IESNA LM-79
Beam Spread: 45D

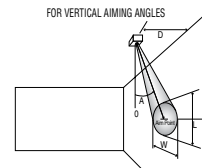


CBCP • Centerbeam candlepower
FC • Footcandles at beam center (aim point)

In vertical aiming applications, aim point (X) is determined by dividing distance from the wall (D) by the tangent of the desired aim angle (A) (0.5774 for 30°, 1.0 for 45°).



Horizontal Aiming Angles



Vertical Aiming Angles

Beam Spread	CBCP	0°			30°			30°					40°				
		MH	FC	L	W	FC	L	W	D	FC	X	L	W	FC	X	L	W
15°	10414	4	651	1.2	1.2	423	1.6	1.4	2	325	3.5	2.6	1.2	691	2.4	1.5	0.9
		6	289	1.8	1.8	188	2.4	2.1	3	145	5.2	3.9	1.8	307	3.6	2.3	1.4
		8	163	2.4	2.4	106	3.2	2.8	4	81	6.9	5.2	2.4	173	4.8	3.0	1.9
		10	104	3.0	3.0	68	4.0	3.5	5	52	8.7	6.5	3.0	111	6.0	3.8	2.3
24°	5990	4	374	1.8	1.8	243	2.4	2.0	2	187	3.5	4.1	1.8	398	2.4	2.3	1.4
		6	166	2.6	2.6	108	3.6	3.0	3	83	5.2	6.1	2.6	177	3.6	3.4	2.0
		8	94	3.5	3.5	61	4.7	4.0	4	47	6.9	8.2	3.5	99	4.8	4.5	2.7
		10	60	4.4	4.4	39	5.9	5.1	5	30	8.7	10.2	4.4	64	6.0	5.7	3.4
35°	3016	4	189	2.5	2.5	122	3.5	2.9	2	94	3.5	7.1	2.5	200	2.4	3.5	2.0
		6	84	3.8	3.8	54	5.2	4.4	3	42	5.2	10.7	3.8	89	3.6	5.3	2.9
		8	47	5.0	5.0	31	6.9	5.8	4	24	6.9	14.3	5.0	50	4.8	7.1	3.9
		10	30	6.3	6.3	20	8.7	7.3	5	15	8.7	17.9	6.3	32	6.0	8.8	4.9
45°	2175	4	136	3.4	3.4	88	4.8	3.9	2	68	3.5	14.2	3.4	144	2.4	5.4	2.6
		6	60	5.0	5.0	39	7.1	5.8	3	30	5.2	21.3	5.0	64	3.6	8.1	3.9
		8	34	6.7	6.7	22	9.5	7.7	4	17	6.9	28.4	6.7	36	4.8	10.8	5.2
		10	22	8.4	8.4	14	11.9	9.7	5	11	8.7	35.5	8.4	23	6.0	13.5	6.5
45°	2175	12	15	10.1	10.1	10	14.3	11.6	6	8	10.4	42.6	10.1	16	7.2	16.2	7.8

LUMEN OUTPUT MULTIPLIERS

Color Temperature	CRI	Multiplier
2700K	80	0.95
3000K	80	1.00
3500K	80	1.05
4000K	80	1.10

Color Temperature	CRI	Multiplier
2700K	90	0.83
3000K	90	0.87

Lumen Package	Multiplier
800	0.58
1200	0.86
1500	1.00

2" LED UNIVERSAL RECESSED ADJUSTABLE/DOWNLIGHT/WALL WASH 800/1200/1500 LUMEN ROUND ANGLE-CUT REFLECTOR REMODEL 2AC Trim with WET option

2AC Angle-Cut Reflector



Self-Flanged



Flangeless

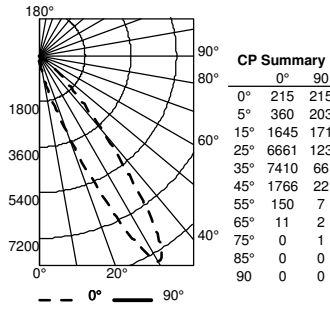


PHOTOMETRICS

**AX2 AR G2 15LM 30K 80CRI 15D FPC 120
2AC CD WET**

3000K LEDs, input watts: 17.3,
delivered lumens: 1356, LM/W = 78,
test no. PT07172705,
tested in accordance to IESNA LM-79

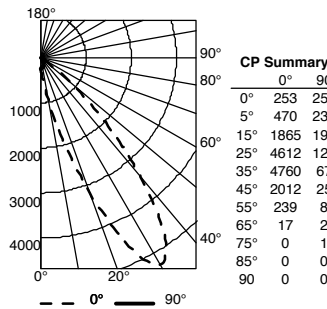
Beam Spread: 15D



**AX2 AR G2 15LM 30K 80CRI 24D FPC 120
2AC CD WET**

3000K LEDs, input watts: 17.3,
delivered lumens: 1301, LM/W = 75,
test no. PT07172713,
tested in accordance to IESNA LM-79

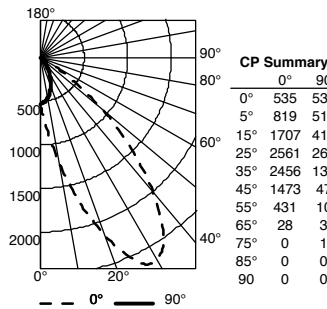
Beam Spread: 24D



**AX2 AR G2 15LM 30K 80CRI 35D FPC 120
2AC CD WET**

3000K LEDs, input watts: 17.3,
delivered lumens: 1248, LM/W = 72,
test no. PT07172721R,
tested in accordance to IESNA LM-79

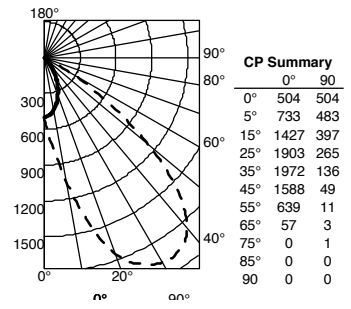
Beam Spread: 35D



**AX2 AR G2 15LM 30K 80CRI 45D FPC 120
2AC CD WET**

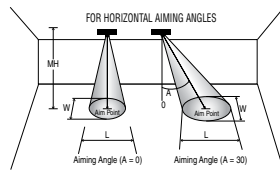
3000K LEDs, input watts: 17.3,
delivered lumens: 1237, LM/W = 72,
test no. PT07172729R,
tested in accordance to IESNA LM-79

Beam Spread: 45D

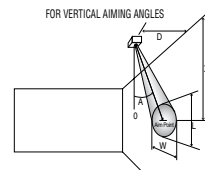


CBCP • Centerbeam candlepower
FC • Footcandles at beam center (aim point)

In vertical aiming applications, aim point (X) is determined by dividing distance from the wall (D) by the tangent of the desired aim angle (A) (0.5774 for 30°, 1.0 for 45°).



Horizontal Aiming Angles



Vertical Aiming Angles

Beam Spread	CBCP	0°			30°			30°				40°					
		MH	FC	L	W	FC	L	W	D	FC	X	L	W	FC	X	L	W
15°	9360	4	585	1.2	1.2	380	1.6	1.4	2	293	3.5	2.6	1.2	621	2.4	1.5	1.0
		6	260	1.8	1.8	169	2.5	2.1	3	130	5.2	3.9	1.8	276	3.6	2.3	1.4
		8	146	2.4	2.4	95	3.3	2.8	4	73	6.9	5.3	2.4	155	4.8	3.1	1.9
		10	94	3.1	3.1	61	4.1	3.5	5	47	8.7	6.6	3.1	99	6.0	3.8	2.4
		12	65	3.7	3.7	42	4.9	4.2	6	33	10.4	7.9	3.7	69	7.2	4.6	2.9
24°	5289	4	331	1.8	1.8	215	2.4	2.0	2	165	3.5	4.2	1.8	351	2.4	2.3	1.4
		6	147	2.7	2.7	95	3.6	3.1	3	73	5.2	6.2	2.7	156	3.6	3.5	2.1
		8	83	3.5	3.5	54	4.8	4.1	4	41	6.9	8.3	3.5	88	4.8	4.6	2.8
		10	53	4.4	4.4	34	6.0	5.1	5	26	8.7	10.4	4.4	56	6.0	5.8	3.4
		12	37	5.3	5.3	24	7.2	6.1	6	18	10.4	12.5	5.3	39	7.2	6.9	4.1
35°	2664	4	166	2.5	2.5	108	3.5	2.9	2	83	3.5	7.2	2.5	177	2.4	3.6	2.0
		6	74	3.8	3.8	48	5.2	4.4	3	37	5.2	10.8	3.8	79	3.6	5.4	3.0
		8	42	5.1	5.1	27	7.0	5.8	4	21	6.9	14.5	5.1	44	4.8	7.1	3.9
		10	27	6.3	6.3	17	8.7	7.3	5	13	8.7	18.1	6.3	28	6.0	8.9	4.9
		12	18	7.6	7.6	12	10.5	8.8	6	9	10.4	21.7	7.6	20	7.2	10.7	5.9
45°	1978	4	124	3.3	3.3	80	4.7	3.8	2	62	3.5	13.7	3.3	131	2.4	5.3	2.6
		6	55	5.0	5.0	36	7.0	5.7	3	27	5.2	20.5	5.0	58	3.6	8.0	3.9
		8	31	6.6	6.6	20	9.4	7.7	4	15	6.9	27.3	6.6	33	4.8	10.6	5.2
		10	20	8.3	8.3	13	11.7	9.6	5	10	8.7	34.1	8.3	21	6.0	13.3	6.4
		12	14	9.9	9.9	9	14.1	11.5	6	7	10.4	41.0	9.9	15	7.2	15.9	7.7

LUMEN OUTPUT MULTIPLIERS

Color Temperature	CRI	Multiplier
2700K	80	0.95
3000K	80	1.00
3500K	80	1.05
4000K	80	1.10

Color Temperature	CRI	Multiplier
2700K	90	0.83
3000K	90	0.87

Lumen Package	Multiplier
800	0.58
1200	0.86
1500	1.00

2" LED UNIVERSAL RECESSED ADJUSTABLE/DOWNLIGHT/WALL WASH 800/1200/1500 LUMEN ROUND ADJUSTABLE BEVEL REMODEL 2ABV Trim

2ABV Adjustable Bevel



Self-Flanged



Flangeless

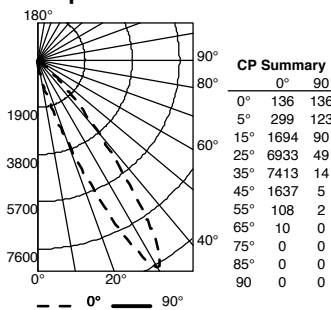


PHOTOMETRICS

AX2 AR G2 15LM 30K 80CRI 15D FPC 120 2ABV BD

3000K LEDs, input watts: 17.3, delivered lumens: 1322, LM/W = 76, test no. PT07172703, tested in accordance to IESNA LM-79

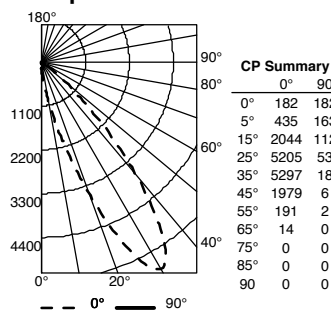
Beam Spread: 15D



AX2 AR G2 15LM 30K 80CRI 24D FPC 120 2ABV BD

3000K LEDs, input watts: 17.3, delivered lumens: 1278, LM/W = 74, test no. PT07172711, tested in accordance to IESNA LM-79

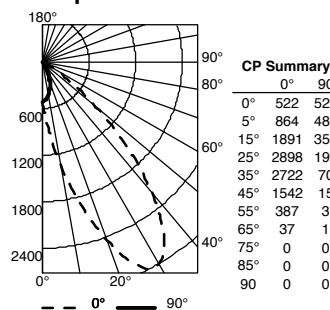
Beam Spread: 24D



AX2 AR G2 15LM 30K 80CRI 35D FPC 120 2ABV BD

3000K LEDs, input watts: 17.3, delivered lumens: 1211, LM/W = 70, test no. PT07172719R, tested in accordance to IESNA LM-79

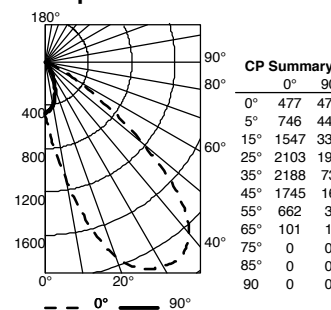
Beam Spread: 35D



AX2 AR G2 15LM 30K 80CRI 45D FPC 120 2ABV BD

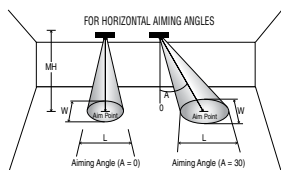
3000K LEDs, input watts: 17.3, delivered lumens: 1199, LM/W = 69, test no. PT07172727R, tested in accordance to IESNA LM-79

Beam Spread: 45D

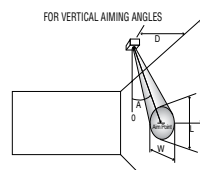


CBCP • Centerbeam candlepower
FC • Footcandles at beam center (aim point)

In vertical aiming applications, aim point (X) is determined by dividing distance from the wall (D) by the tangent of the desired aim angle (A) (0.5774 for 30°, 1.0 for 45°).



Horizontal Aiming Angles



Vertical Aiming Angles

Beam Spread	CBCP	0°			30°			30°				40°					
		MH	FC	L	W	FC	L	W	D	FC	X	L	W	FC	X	L	W
15°	9609	4	601	1.2	1.2	390	1.6	1.4	2	300	3.5	2.6	1.2	638	2.4	1.5	0.9
		6	267	1.8	1.8	173	2.4	2.1	3	133	5.2	3.9	1.8	284	3.6	2.3	1.4
		8	150	2.4	2.4	98	3.2	2.8	4	75	6.9	5.2	2.4	159	4.8	3.0	1.9
		10	96	3.0	3.0	62	4.0	3.5	5	48	8.7	6.5	3.0	102	6.0	3.8	2.3
24°	5987	4	374	1.7	1.7	243	2.3	2.0	2	187	3.5	3.9	1.7	398	2.4	2.2	1.3
		6	166	2.5	2.5	108	3.4	2.9	3	83	5.2	5.9	2.5	177	3.6	3.3	2.0
		8	94	3.4	3.4	61	4.6	3.9	4	47	6.9	7.8	3.4	99	4.8	4.4	2.6
		10	60	4.2	4.2	39	5.7	4.9	5	30	8.7	9.8	4.2	64	6.0	5.5	3.3
35°	3004	4	188	2.4	2.4	122	3.3	2.8	2	94	3.5	6.7	2.4	199	2.4	3.4	1.9
		6	83	3.6	3.6	54	5.0	4.2	3	42	5.2	10.1	3.6	89	3.6	5.1	2.8
		8	47	4.9	4.9	30	6.7	5.6	4	23	6.9	13.4	4.9	50	4.8	6.8	3.8
		10	30	6.1	6.1	20	8.4	7.0	5	15	8.7	16.8	6.1	32	6.0	8.5	4.7
45°	2183	4	136	3.2	3.2	89	4.5	3.7	2	68	3.5	12.6	3.2	145	2.4	5.1	2.5
		6	61	4.8	4.8	39	6.8	5.6	3	30	5.2	18.9	4.8	64	3.6	7.6	3.8
		8	34	6.4	6.4	22	9.1	7.4	4	17	6.9	25.2	6.4	36	4.8	10.1	5.0
		10	22	8.1	8.1	14	11.4	9.3	5	11	8.7	31.4	8.1	23	6.0	12.7	6.3
12		15	9.7	9.7	10	13.6	11.2	6	8	10.4	37.7	9.7	16	7.2	15.2	7.5	

LUMEN OUTPUT MULTIPLIERS

Color Temperature	CRI	Multiplier
2700K	80	0.95
3000K	80	1.00
3500K	80	1.05
4000K	80	1.10

Color Temperature	CRI	Multiplier
2700K	90	0.83
3000K	90	0.87

Lumen Package	Multiplier
800	0.58
1200	0.86
1500	1.00

2" LED UNIVERSAL RECESSED ADJUSTABLE/DOWNLIGHT/WALL WASH 800/1200/1500 LUMEN ROUND ADJUSTABLE BEVEL REMODEL 2ABV Trim with WET option

2ABV Adjustable Bevel



Self-Flanged



Flangeless

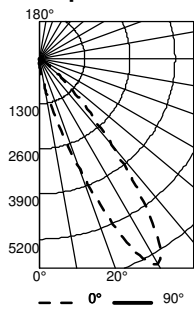


PHOTOMETRICS

AX2 AR G2 15LM 30K 80CRI 15D FPC 120 2ABV BD WET

3000K LEDs, input watts: 17.3,
delivered lumens: 1162, LM/W = 67,
test no. PT07172707,
tested in accordance to IESNA LM-79

Beam Spread: 15D



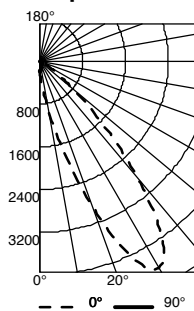
CP Summary

	0°	90°
0°	155	155
5°	343	139
15°	1733	97
25°	5657	51
35°	5546	20
45°	1583	8
55°	287	3
65°	45	1
75°	1	0
85°	0	0
90°	0	0

AX2 AR G2 15LM 30K 80CRI 24D FPC 120 2ABV BD WET

3000K LEDs, input watts: 17.3,
delivered lumens: 1121, LM/W = 65,
test no. PT07172715,
tested in accordance to IESNA LM-79

Beam Spread: 24D



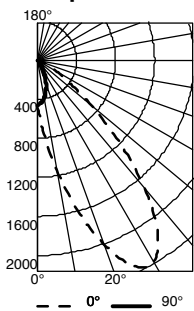
CP Summary

	0°	90°
0°	191	191
5°	426	172
15°	1778	117
25°	4030	59
35°	3947	24
45°	1687	9
55°	374	4
65°	56	2
75°	1	0
85°	0	0
90°	0	0

AX2 AR G2 15LM 30K 80CRI 35D FPC 120 2ABV BD WET

3000K LEDs, input watts: 17.3,
delivered lumens: 1049, LM/W = 61,
test no. PT07172723R,
tested in accordance to IESNA LM-79

Beam Spread: 35D



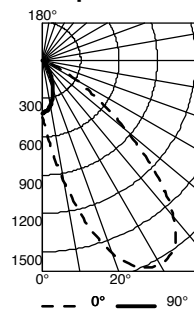
CP Summary

	0°	90°
0°	467	467
5°	756	437
15°	1589	327
25°	2325	182
35°	2148	73
45°	1186	22
55°	390	6
65°	80	2
75°	0	0
85°	0	0
90°	0	0

AX2 AR G2 15LM 30K 80CRI 45D FPC 120 2ABV BD WET

3000K LEDs, input watts: 17.3,
delivered lumens: 1018, LM/W = 59,
test no. PT07172731R,
tested in accordance to IESNA LM-79

Beam Spread: 45D

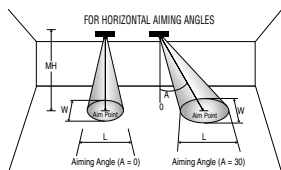


CP Summary

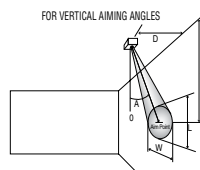
	0°	90°
0°	422	422
5°	656	397
15°	1308	304
25°	1785	176
35°	1794	75
45°	1261	24
55°	525	7
65°	131	2
75°	0	0
85°	0	0
90°	0	0

CBCP • Centerbeam candlepower
FC • Footcandles at beam center (aim point)

In vertical aiming applications, aim point (X) is determined by dividing distance from the wall (D) by the tangent of the desired aim angle (A) (0.5774 for 30°, 1.0 for 45°).



Horizontal Aiming Angles



Vertical Aiming Angles

Beam Spread	CBCP	0°			30°			30°				40°					
		MH	FC	L	W	FC	L	W	D	FC	X	L	W	FC	X	L	W
15°	6824	4	426	1.4	1.4	277	1.9	1.6	2	213	3.5	3.1	1.4	453	2.4	1.8	1.1
		6	190	2.1	2.1	123	2.8	2.4	3	95	5.2	4.6	2.1	201	3.6	2.6	1.6
		8	107	2.8	2.8	69	3.7	3.2	4	53	6.9	6.1	2.8	113	4.8	3.5	2.2
		10	68	3.5	3.5	44	4.7	4.0	5	34	8.7	7.6	3.5	72	6.0	4.4	2.7
		12	47	4.2	4.2	31	5.6	4.8	6	24	10.4	9.2	4.2	50	7.2	5.3	3.2
24°	4458	4	279	1.8	1.8	181	2.5	2.1	2	139	3.5	4.3	1.8	296	2.4	2.4	1.4
		6	124	2.7	2.7	80	3.7	3.2	3	62	5.2	6.5	2.7	132	3.6	3.6	2.1
		8	70	3.6	3.6	45	5.0	4.2	4	35	6.9	8.6	3.6	74	4.8	4.8	2.8
		10	45	4.6	4.6	29	6.2	5.3	5	22	8.7	10.8	4.6	47	6.0	6.0	3.5
		12	31	5.5	5.5	20	7.4	6.3	6	15	10.4	13.0	5.5	33	7.2	7.2	4.3
35°	2381	4	149	2.5	2.5	97	3.4	2.9	2	74	3.5	7.0	2.5	158	2.4	3.5	1.9
		6	66	3.7	3.7	43	5.1	4.3	3	33	5.2	10.4	3.7	70	3.6	5.2	2.9
		8	37	5.0	5.0	24	6.8	5.7	4	19	6.9	13.9	5.0	40	4.8	6.9	3.9
		10	24	6.2	6.2	15	8.5	7.1	5	12	8.7	17.4	6.2	25	6.0	8.7	4.8
		12	17	7.4	7.4	11	10.2	8.6	6	8	10.4	20.9	7.4	18	7.2	10.4	5.8
45°	1844	4	115	3.2	3.2	75	4.5	3.7	2	58	3.5	12.0	3.2	122	2.4	5.0	2.5
		6	51	4.8	4.8	33	6.7	5.5	3	26	5.2	18.1	4.8	54	3.6	7.4	3.7
		8	29	6.4	6.4	19	8.9	7.3	4	14	6.9	24.1	6.4	31	4.8	9.9	4.9
		10	18	7.9	7.9	12	11.2	9.2	5	9	8.7	30.1	7.9	20	6.0	12.4	6.2
		12	13	9.5	9.5	8	13.4	11.0	6	6	10.4	36.1	9.5	14	7.2	14.9	7.4

LUMEN OUTPUT MULTIPLIERS

Color Temperature	CRI	Multiplier
2700K	80	0.95
3000K	80	1.00
3500K	80	1.05
4000K	80	1.10

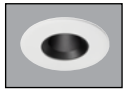
Color Temperature	CRI	Multiplier
2700K	90	0.83
3000K	90	0.87

Lumen Package	Multiplier
800	0.58
1200	0.86
1500	1.00

2" LED UNIVERSAL RECESSED ADJUSTABLE/DOWNLIGHT/WALL WASH 800/1200/1500 LUMEN

ROUND 1 1/4" ADJUSTABLE PINHOLE REMODEL
2APIN Trim

2APIN Adjustable Pinhole, 1 1/4"



Self-Flanged



Flangeless

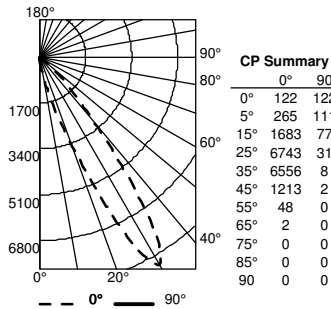


PHOTOMETRICS

AX2 AR G2 15LM 30K 80CRI 15D FPC 120 2APIN BD

3000K LEDs, input watts: 17.3,
delivered lumens: 1157, LM/W = 67,
test no. PT07172704,
tested in accordance to IESNA LM-79

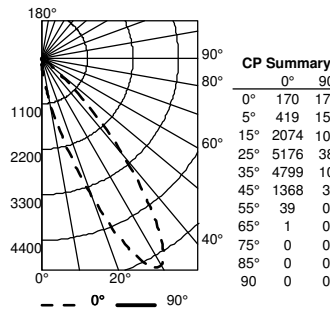
Beam Spread: 15D



AX2 AR G2 15LM 30K 80CRI 24D FPC 120 2APIN BD

3000K LEDs, input watts: 17.3,
delivered lumens: 1116, LM/W = 65,
test no. PT07172712,
tested in accordance to IESNA LM-79

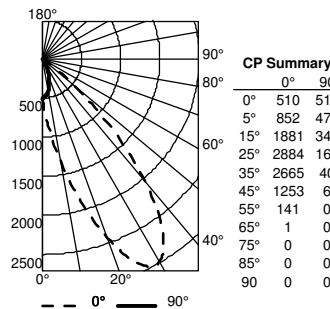
Beam Spread: 24D



AX2 AR G2 15LM 30K 80CRI 35D FPC 120 2APIN BD

3000K LEDs, input watts: 17.3,
delivered lumens: 1074, LM/W = 62,
test no. PT07172720R,
tested in accordance to IESNA LM-79

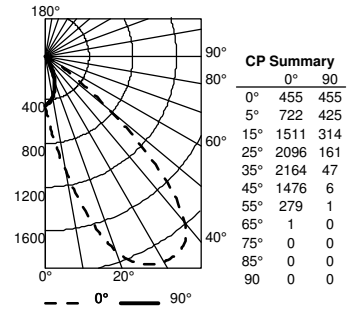
Beam Spread: 35D



AX2 AR G2 15LM 30K 80CRI 45D FPC 120 2APIN BD

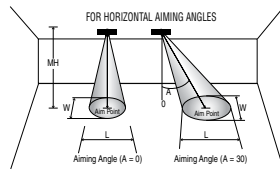
3000K LEDs, input watts: 17.3,
delivered lumens: 1037, LM/W = 60,
test no. PT07172728R,
tested in accordance to IESNA LM-79

Beam Spread: 45D

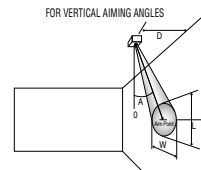


CBCP • Centerbeam candlepower
FC • Footcandles at beam center (aim point)

In vertical aiming applications, aim point (X) is determined by dividing distance from the wall (D) by the tangent of the desired aim angle (A) (0.5774 for 30°, 1.0 for 45°).



Horizontal Aiming Angles



Vertical Aiming Angles

Beam Spread	CBCP	0°				30°			30°				40°				
		MH	FC	L	W	FC	L	W	D	FC	X	L	W	FC	X	L	W
15°	8889	4	556	1.2	1.2	361	1.6	1.4	2	278	3.5	2.5	1.2	590	2.4	1.5	0.9
		6	247	1.8	1.8	160	2.4	2.1	3	123	5.2	3.8	1.8	262	3.6	2.2	1.4
		8	139	2.4	2.4	90	3.2	2.7	4	69	6.9	5.1	2.4	148	4.8	3.0	1.8
		10	89	3.0	3.0	58	4.0	3.4	5	44	8.7	6.4	3.0	94	6.0	3.7	2.3
		12	62	3.6	3.6	40	4.8	4.1	6	31	10.4	7.6	3.6	66	7.2	4.5	2.8
24°	5774	4	361	1.8	1.8	234	2.4	2.0	2	180	3.5	4.2	1.8	383	2.4	2.3	1.4
		6	160	2.7	2.7	104	3.6	3.1	3	80	5.2	6.2	2.7	170	3.6	3.5	2.1
		8	90	3.5	3.5	59	4.8	4.1	4	45	6.9	8.3	3.5	96	4.8	4.6	2.8
		10	58	4.4	4.4	38	6.0	5.1	5	29	8.7	10.4	4.4	61	6.0	5.8	3.4
		12	40	5.3	5.3	26	7.2	6.1	6	20	10.4	12.5	5.3	43	7.2	6.9	4.1
35°	2992	4	187	2.5	2.5	121	3.5	2.9	2	94	3.5	7.1	2.5	199	2.4	3.5	2.0
		6	83	3.8	3.8	54	5.2	4.4	3	42	5.2	10.7	3.8	88	3.6	5.3	2.9
		8	47	5.0	5.0	30	6.9	5.8	4	23	6.9	14.3	5.0	50	4.8	7.1	3.9
		10	30	6.3	6.3	19	8.7	7.3	5	15	8.7	17.9	6.3	32	6.0	8.8	4.9
		12	21	7.5	7.5	13	10.4	8.7	6	10	10.4	21.4	7.5	22	7.2	10.6	5.9
45°	2171	4	136	3.1	3.1	88	4.4	3.6	2	68	3.5	11.5	3.1	144	2.4	4.8	2.4
		6	60	4.7	4.7	39	6.6	5.4	3	30	5.2	17.2	4.7	64	3.6	7.2	3.6
		8	34	6.2	6.2	22	8.8	7.2	4	17	6.9	22.9	6.2	36	4.8	9.6	4.9
		10	22	7.8	7.8	14	11.0	9.0	5	11	8.7	28.7	7.8	23	6.0	12.0	6.1
		12	15	9.4	9.4	10	13.1	10.8	6	8	10.4	34.4	9.4	16	7.2	14.4	7.3

LUMEN OUTPUT MULTIPLIERS

Color Temperature	CRI	Multiplier
2700K	80	0.95
3000K	80	1.00
3500K	80	1.05
4000K	80	1.10

Color Temperature	CRI	Multiplier
2700K	90	0.83
3000K	90	0.87

Lumen Package	Multiplier
800	0.58
1200	0.86
1500	1.00

2" LED UNIVERSAL RECESSED ADJUSTABLE/DOWNLIGHT/WALL WASH 800/1200/1500 LUMEN

ROUND 1 1/4" ADJUSTABLE PINHOLE REMODEL
2APIN Trim with WET option

2APIN Adjustable Pinhole, 1 1/4"



Self-Flanged



Flangeless

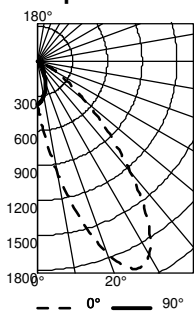


PHOTOMETRICS

**AX2 AR G2 15LM 30K 80CRI 15D FPC 120
2APIN BD WET**

3000K LEDs, input watts: 17.3,
delivered lumens: 837, LM/W = 50,
test no. PT07172708,
tested in accordance to IESNA LM-79

Beam Spread: 15D



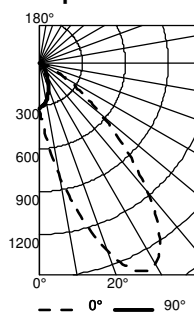
CP Summary

	0°	90°
0°	373	373
5°	618	347
15°	1385	253
25°	1971	146
35°	1638	81
45°	851	48
55°	321	30
65°	98	16
75°	14	3
85°	0	0
90°	0	0

**AX2 AR G2 15LM 30K 80CRI 24D FPC 120
2APIN BD WET**

3000K LEDs, input watts: 17.3,
delivered lumens: 814, LM/W = 47,
test no. PT07172716,
tested in accordance to IESNA LM-79

Beam Spread: 24D



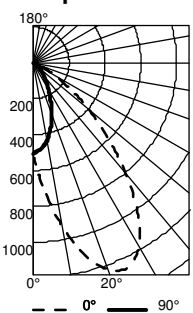
CP Summary

	0°	90°
0°	320	320
5°	517	299
15°	1108	226
25°	1603	139
35°	1462	80
45°	858	49
55°	357	31
65°	113	17
75°	14	3
85°	0	0
90°	0	0

**AX2 AR G2 15LM 30K 80CRI 35D FPC 120
2APIN BD WET**

3000K LEDs, input watts: 17.3,
delivered lumens: 805, LM/W = 47,
test no. PT07172724R,
tested in accordance to IESNA LM-79

Beam Spread: 35D



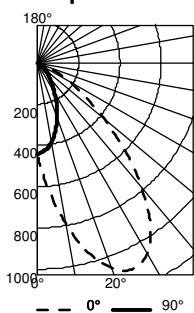
CP Summary

	0°	90°
0°	507	507
5°	709	482
15°	1108	374
25°	1256	230
35°	1015	122
45°	588	64
55°	254	35
65°	82	17
75°	9	3
85°	0	0
90°	0	0

**AX2 AR G2 15LM 30K 80CRI 45D FPC 120
2APIN BD WET**

3000K LEDs, input watts: 17.3,
delivered lumens: 770, LM/W = 45,
test no. PT07172732R,
tested in accordance to IESNA LM-79

Beam Spread: 45D

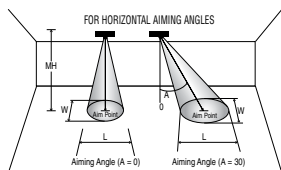


CP Summary

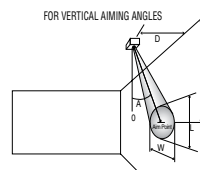
	0°	90°
0°	445	445
5°	613	425
15°	951	339
25°	1101	219
35°	954	122
45°	603	66
55°	278	36
65°	89	17
75°	7	2
85°	0	0
90°	0	0

CBCP • Centerbeam candlepower
FC • Footcandles at beam center (aim point)

In vertical aiming applications, aim point (X) is determined by dividing distance from the wall (D) by the tangent of the desired aim angle (A) (0.5774 for 30°, 1.0 for 45°).



Horizontal Aiming Angles



Vertical Aiming Angles

Beam Spread	CBCP	0°			30°			30°			40°						
		MH	FC	L	W	FC	L	W	D	FC	X	L	W	FC	X	L	W
15°	1921	4	120	2.4	2.4	78	3.3	2.7	2	60	3.5	6.5	2.4	128	2.4	3.3	1.8
		6	53	3.6	3.6	35	4.9	4.1	3	27	5.2	9.7	3.6	57	3.6	4.9	2.8
		8	30	4.8	4.8	19	6.5	5.5	4	15	6.9	12.9	4.8	32	4.8	6.6	3.7
		10	19	5.9	5.9	12	8.2	6.9	5	10	8.7	16.2	5.9	20	6.0	8.2	4.6
		12	13	7.1	7.1	9	9.8	8.2	6	7	10.4	19.4	7.1	14	7.2	9.9	5.5
24°	1623	4	101	2.6	2.6	66	3.5	2.9	2	51	3.5	7.4	2.6	108	2.4	3.6	2.0
		6	45	3.8	3.8	29	5.3	4.4	3	23	5.2	11.0	3.8	48	3.6	5.4	3.0
		8	25	5.1	5.1	16	7.0	5.9	4	13	6.9	14.7	5.1	27	4.8	7.2	4.0
		10	16	6.4	6.4	11	8.8	7.4	5	8	8.7	18.4	6.4	17	6.0	9.0	5.0
		12	11	7.7	7.7	7	10.6	8.8	6	6	10.4	22.1	7.7	12	7.2	10.8	6.0
35°	1179	4	74	3.0	3.0	48	4.2	3.5	2	37	3.5	10.4	3.0	78	2.4	4.5	2.3
		6	33	4.5	4.5	21	6.3	5.2	3	16	5.2	15.6	4.5	35	3.6	6.8	3.5
		8	18	6.0	6.0	12	8.4	6.9	4	9	6.9	20.7	6.0	20	4.8	9.1	4.7
		10	12	7.5	7.5	8	10.5	8.7	5	6	8.7	25.9	7.5	13	6.0	11.3	5.8
		12	8	9.0	9.0	5	12.6	10.4	6	4	10.4	31.1	9.0	9	7.2	13.6	7.0
45°	1065	4	67	3.3	3.3	43	4.7	3.8	2	33	3.5	13.9	3.3	71	2.4	5.3	2.6
		6	30	5.0	5.0	19	7.1	5.8	3	15	5.2	20.8	5.0	31	3.6	8.0	3.9
		8	17	6.7	6.7	11	9.4	7.7	4	8	6.9	27.7	6.7	18	4.8	10.7	5.2
		10	11	8.3	8.3	7	11.8	9.6	5	5	8.7	34.7	8.3	11	6.0	13.4	6.5
		12	7	10.0	10.0	5	14.1	11.5	6	4	10.4	41.6	10.0	8	7.2	16.0	7.8

LUMEN OUTPUT MULTIPLIERS

Color Temperature	CRI	Multiplier
2700K	80	0.95
3000K	80	1.00
3500K	80	1.05
4000K	80	1.10

Color Temperature	CRI	Multiplier
2700K	90	0.83
3000K	90	0.87

Lumen Package	Multiplier
800	0.58
1200	0.86
1500	1.00

2" LED UNIVERSAL RECESSED ADJUSTABLE/DOWNLIGHT/WALL WASH 800/1200/1500 LUMEN

ROUND 1 3/4" ADJUSTABLE PINHOLE REMODEL
2APINLG Trim

2APINLG Adjustable Pinhole, 1 3/4"



Self-Flanged



Flangeless

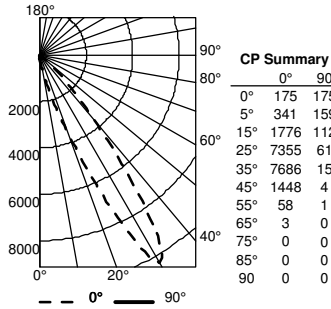


PHOTOMETRICS

AX2 AR G2 15LM 30K 80CRI 15D FPC 120 2APINLG BD

3000K LEDs, input watts: 17.3, delivered lumens: 1307, LM/W = 76, test no. PT07172702, tested in accordance to IESNA LM-79

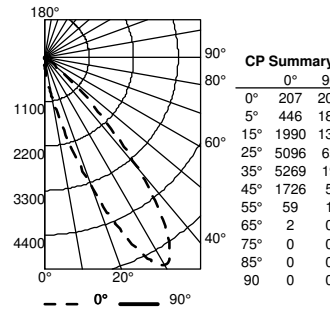
Beam Spread: 15D



AX2 AR G2 15LM 30K 80CRI 24D FPC 120 2APINLG BD

3000K LEDs, input watts: 17.3, delivered lumens: 1232, LM/W = 71, test no. PT07172710, tested in accordance to IESNA LM-79

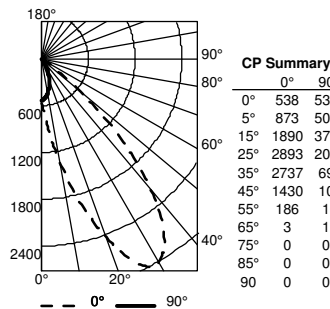
Beam Spread: 24D



AX2 AR G2 15LM 30K 80CRI 35D FPC 120 2APINLG BD

3000K LEDs, input watts: 17.3, delivered lumens: 1160, LM/W = 67, test no. PT07172718R, tested in accordance to IESNA LM-79

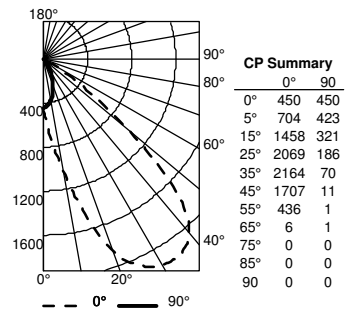
Beam Spread: 35D



AX2 AR G2 15LM 30K 80CRI 45D FPC 120 2APINLG BD

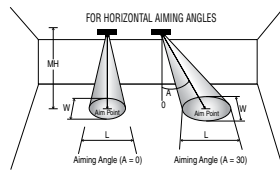
3000K LEDs, input watts: 17.3, delivered lumens: 1117, LM/W = 65, test no. PT07172726R, tested in accordance to IESNA LM-79

Beam Spread: 45D

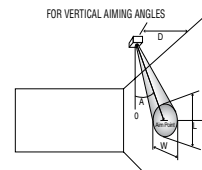


CBCP • Centerbeam candlepower
FC • Footcandles at beam center (aim point)

In vertical aiming applications, aim point (X) is determined by dividing distance from the wall (D) by the tangent of the desired aim angle (A) (0.5774 for 30°, 1.0 for 45°).



Horizontal Aiming Angles



Vertical Aiming Angles

Beam Spread	CBCP	0°			30°			30°				40°					
		MH	FC	L	W	FC	L	W	D	FC	X	L	W	FC	X	L	W
15°	10338	4	646	1.2	1.2	420	1.5	1.3	2	323	3.5	2.5	1.2	686	2.4	1.4	0.9
		6	287	1.7	1.7	187	2.3	2.0	3	144	5.2	3.7	1.7	305	3.6	2.2	1.3
		8	162	2.3	2.3	105	3.1	2.7	4	81	6.9	4.9	2.3	172	4.8	2.9	1.8
		10	103	2.9	2.9	67	3.9	3.3	5	52	8.7	6.1	2.9	110	6.0	3.6	2.2
		12	72	3.5	3.5	47	4.6	4.0	6	36	10.4	7.4	3.5	76	7.2	4.3	2.7
24°	5933	4	371	1.7	1.7	241	2.2	1.9	2	185	3.5	3.8	1.7	394	2.4	2.1	1.3
		6	165	2.5	2.5	107	3.4	2.9	3	82	5.2	5.7	2.5	175	3.6	3.2	1.9
		8	93	3.3	3.3	60	4.5	3.8	4	46	6.9	7.6	3.3	98	4.8	4.3	2.6
		10	59	4.1	4.1	39	5.6	4.8	5	30	8.7	9.5	4.1	63	6.0	5.3	3.2
		12	41	5.0	5.0	27	6.7	5.7	6	21	10.4	11.4	5.0	44	7.2	6.4	3.9
35°	3011	4	188	2.6	2.6	122	3.6	3.0	2	94	3.5	7.5	2.6	200	2.4	3.7	2.0
		6	84	3.9	3.9	54	5.4	4.5	3	42	5.2	11.3	3.9	89	3.6	5.5	3.0
		8	47	5.2	5.2	31	7.1	6.0	4	24	6.9	15.0	5.2	50	4.8	7.3	4.0
		10	30	6.5	6.5	20	8.9	7.5	5	15	8.7	18.8	6.5	32	6.0	9.2	5.0
		12	21	7.8	7.8	14	10.7	9.0	6	10	10.4	22.6	7.8	22	7.2	11.0	6.0
45°	2158	4	135	3.3	3.3	88	4.6	3.8	2	67	3.5	13.1	3.3	143	2.4	5.2	2.5
		6	60	4.9	4.9	39	6.9	5.7	3	30	5.2	19.7	4.9	64	3.6	7.8	3.8
		8	34	6.5	6.5	22	9.2	7.6	4	17	6.9	26.3	6.5	36	4.8	10.4	5.1
		10	22	8.2	8.2	14	11.6	9.4	5	11	8.7	32.9	8.2	23	6.0	13.0	6.4
		12	15	9.8	9.8	10	13.9	11.3	6	7	10.4	39.4	9.8	16	7.2	15.6	7.6

LUMEN OUTPUT MULTIPLIERS

Color Temperature	CRI	Multiplier
2700K	80	0.95
3000K	80	1.00
3500K	80	1.05
4000K	80	1.10

Color Temperature	CRI	Multiplier
2700K	90	0.83
3000K	90	0.87

Lumen Package	Multiplier
800	0.58
1200	0.86
1500	1.00

2APINLG Adjustable Pinhole, 1 3/4"



Self-Flanged



Flangeless



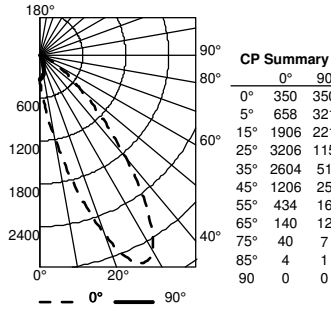
2" LED UNIVERSAL RECESSED ADJUSTABLE/DOWNLIGHT/WALL WASH 800/1200/1500 LUMEN ROUND 1 3/4" ADJUSTABLE PINHOLE REMODEL 2APINLG Trim with WET option

PHOTOMETRICS

**AX2 AR G2 15LM 30K 80CRI 15D FPC 120
2APINLG BD WET**

3000K LEDs, input watts: 17.3,
delivered lumens: 1080, LM/W = 62,
test no. PT07172706,
tested in accordance to IESNA LM-79

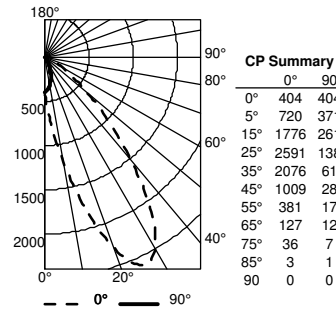
Beam Spread: 15D



**AX2 AR G2 15LM 30K 80CRI 24D FPC 120
2APINLG BD WET**

3000K LEDs, input watts: 17.3,
delivered lumens: 1017, LM/W = 59,
test no. PT07172714,
tested in accordance to IESNA LM-79

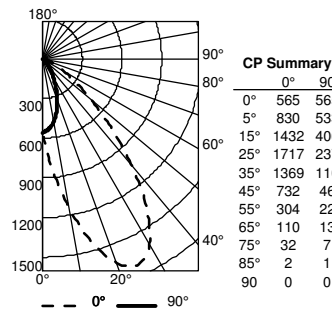
Beam Spread: 24D



**AX2 AR G2 15LM 30K 80CRI 35D FPC 120
2APINLG BD WET**

3000K LEDs, input watts: 17.3,
delivered lumens: 943, LM/W = 55,
test no. PT07172722R,
tested in accordance to IESNA LM-79

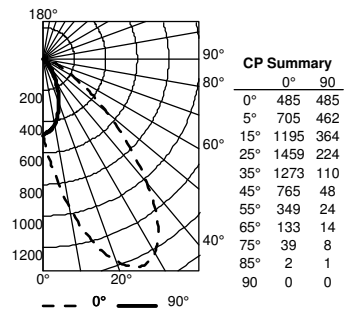
Beam Spread: 35D



**AX2 AR G2 15LM 30K 80CRI 45D FPC 120
2APINLG BD WET**

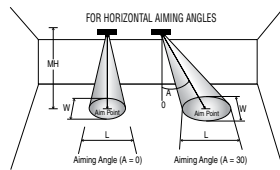
3000K LEDs, input watts: 17.3,
delivered lumens: 909, LM/W = 53,
test no. PT07172730R,
tested in accordance to IESNA LM-79

Beam Spread: 45D

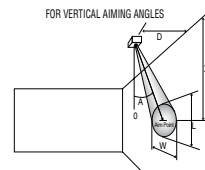


CBCP • Centerbeam candlepower
FC • Footcandles at beam center (aim point)

In vertical aiming applications, aim point (X) is determined by dividing distance from the wall (D) by the tangent of the desired aim angle (A) (0.5774 for 30°, 1.0 for 45°).



Horizontal Aiming Angles



Vertical Aiming Angles

Beam Spread	CBCP	0°			30°			30°				40°					
		MH	FC	L	W	FC	L	W	D	FC	X	L	W	FC	X	L	W
15°	3152	4	197	2.1	2.1	128	2.8	2.4	2	99	3.5	5.1	2.1	209	2.4	2.7	1.6
		6	88	3.1	3.1	57	4.2	3.6	3	44	5.2	7.7	3.1	93	3.6	4.1	2.4
		8	49	4.1	4.1	32	5.6	4.7	4	25	6.9	10.2	4.1	52	4.8	5.5	3.2
		10	32	5.1	5.1	20	7.0	5.9	5	16	8.7	12.8	5.1	33	6.0	6.9	4.0
		12	22	6.2	6.2	14	8.4	7.1	6	11	10.4	15.4	6.2	23	7.2	8.2	4.8
24°	2496	4	156	2.2	2.2	101	3.1	2.6	2	78	3.5	5.8	2.2	166	2.4	3.0	1.7
		6	69	3.4	3.4	45	4.6	3.9	3	35	5.2	8.7	3.4	74	3.6	4.6	2.6
		8	39	4.5	4.5	25	6.1	5.2	4	19	6.9	11.7	4.5	41	4.8	6.1	3.5
		10	25	5.6	5.6	16	7.6	6.4	5	12	8.7	14.6	5.6	27	6.0	7.6	4.3
		12	17	6.7	6.7	11	9.2	7.7	6	9	10.4	17.5	6.7	18	7.2	9.1	5.2
35°	1618	4	101	2.7	2.7	66	3.8	3.1	2	51	3.5	8.3	2.7	107	2.4	3.9	2.1
		6	45	4.1	4.1	29	5.6	4.7	3	22	5.2	12.5	4.1	48	3.6	5.9	3.2
		8	25	5.4	5.4	16	7.5	6.3	4	13	6.9	16.6	5.4	27	4.8	7.9	4.2
		10	16	6.8	6.8	11	9.4	7.8	5	8	8.7	20.8	6.8	17	6.0	9.8	5.3
		12	11	8.1	8.1	7	11.3	9.4	6	6	10.4	24.9	8.1	12	7.2	11.8	6.3
45°	1425	4	89	3.2	3.2	58	4.5	3.7	2	45	3.5	12.0	3.2	95	2.4	4.9	2.5
		6	40	4.8	4.8	26	6.7	5.5	3	20	5.2	17.9	4.8	42	3.6	7.4	3.7
		8	22	6.3	6.3	14	8.9	7.3	4	11	6.9	23.9	6.3	24	4.8	9.9	4.9
		10	14	7.9	7.9	9	11.1	9.1	5	7	8.7	29.9	7.9	15	6.0	12.3	6.2
		12	10	9.5	9.5	6	13.4	11.0	6	5	10.4	35.9	9.5	11	7.2	14.8	7.4

LUMEN OUTPUT MULTIPLIERS

Color Temperature	CRI	Multiplier
2700K	80	0.95
3000K	80	1.00
3500K	80	1.05
4000K	80	1.10

Color Temperature	CRI	Multiplier
2700K	90	0.83
3000K	90	0.87

Lumen Package	Multiplier
800	0.58
1200	0.86
1500	1.00

2" LED UNIVERSAL RECESSED ADJUSTABLE/DOWNLIGHT/WALL WASH 800/1200/1500 LUMEN ROUND PARABOLIC DOWNLIGHT REMODEL 2DP Trim

2DP Parabolic Downlight Trim



Self-Flanged

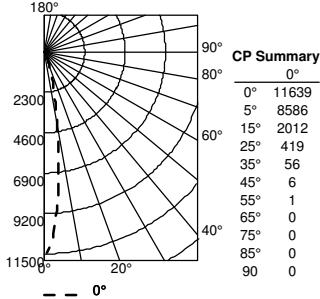


Flangeless



PHOTOMETRICS

AX2 DR G2 15LM 30K 80CRI 15D FPC 120 2DP CD, 3000K LEDs, input watts: 17.3, delivered lumens: 1522, LM/W = 88, test no. PT07172502, tested in accordance to IESNA LM-79



CP Summary

Beam Angle	0°
0°	11639
5°	8586
15°	2012
25°	419
35°	56
45°	6
55°	1
65°	0
75°	0
85°	0
90°	0

Coefficients of Utilization

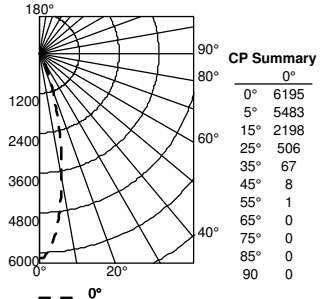
pc	20%		
	80%	70%	50%
pw	70%50%30%	50%30%10%	50%30%10%
0	119 119 119	116 116 116	111 111 111
1	115 113 112	111 110 108	107 106 105
2	112 108 106	107 104 102	104 102 100
3	109 104 101	103 100 97	101 98 96
4	106 101 97	100 96 94	98 95 93
5	103 97 94	97 93 90	95 92 90
6	100 94 91	94 90 88	92 89 87
7	98 92 88	91 88 85	90 87 85
8	95 89 86	89 85 83	88 85 83
9	93 87 83	87 83 81	86 83 81
10	91 85 81	85 81 79	84 81 79

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	1454	96.7	96.7
0° - 40°	1497	99.5	99.5
0° - 60°	1504	100.0	100.0
0° - 90°	1504	100.0	100.0
90° - 180°	0	0.0	0.0
0° - 180°	1504	100.0	100.0

CONE OF LIGHT - Beam: 16.2°			LUMINANCE (cd/sq.m)	
Distance to Illuminated Plane (ft)	Footcandles Beam Center	Beam Diameter	Degrees	Average Luminance
4	727.5	1.1	45	3379
6	323.3	1.7	55	794
8	181.9	2.3	65	359
10	116.4	2.8	75	147
12	80.8	3.4	85	0

AX2 DR G2 15LM 30K 80CRI 24D FPC 120 2DP CD, 3000K LEDs, input watts: 17.3, delivered lumens: 1391, LM/W = 80, test no. PT07172510, tested in accordance to IESNA LM-79



CP Summary

Beam Angle	0°
0°	6195
5°	5483
15°	2198
25°	506
35°	67
45°	8
55°	1
65°	0
75°	0
85°	0
90°	0

Coefficients of Utilization

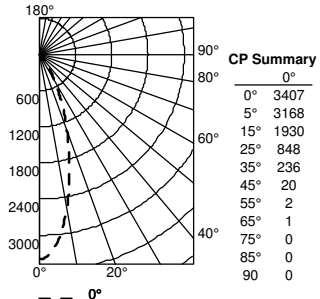
pc	20%		
	80%	70%	50%
pw	70%50%30%	50%30%10%	50%30%10%
0	119 119 119	116 116 116	111 111 111
1	115 113 111	111 109 108	107 105 104
2	111 108 105	106 103 101	103 101 99
3	108 103 99	102 98 96	99 96 94
4	104 99 95	98 94 91	96 93 90
5	101 95 91	94 90 88	93 89 87
6	98 92 88	91 87 84	90 86 84
7	95 89 85	88 84 81	87 84 81
8	93 86 82	85 82 79	85 81 78
9	90 83 79	83 79 76	82 79 76
10	88 81 77	81 77 74	80 76 74

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	1320	95.5	95.5
0° - 40°	1373	99.3	99.3
0° - 60°	1382	100.0	100.0
0° - 90°	1382	100.0	100.0
90° - 180°	0	0.0	0.0
0° - 180°	1382	100.0	100.0

CONE OF LIGHT - Beam: 24.4°			LUMINANCE (cd/sq.m)	
Distance to Illuminated Plane (ft)	Footcandles Beam Center	Beam Diameter	Degrees	Average Luminance
4	387.2	1.7	45	4291
6	172.1	2.6	55	794
8	96.8	3.5	65	359
10	62.0	4.3	75	147
12	43.0	5.2	85	0

AX2 DR G2 15LM 30K 80CRI 35D FPC 120 2DP CD, 3000K LEDs, input watts: 17.3, delivered lumens: 1387, LM/W = 80, test no. PT07172618, tested in accordance to IESNA LM-79



CP Summary

Beam Angle	0°
0°	3407
5°	3168
15°	1930
25°	848
35°	236
45°	20
55°	2
65°	1
75°	0
85°	0
90°	0

Coefficients of Utilization

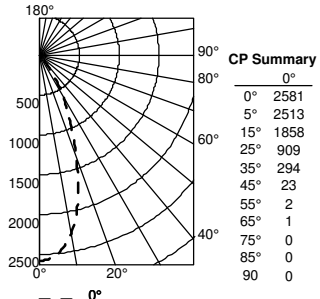
pc	20%		
	80%	70%	50%
pw	70%50%30%	50%30%10%	50%30%10%
0	119 119 119	116 116 116	111 111 111
1	114 112 110	110 108 106	106 104 103
2	110 106 102	104 101 98	101 98 96
3	105 100 96	99 95 92	96 93 90
4	101 95 90	94 89 86	92 88 85
5	97 90 85	89 85 81	88 84 81
6	93 86 81	85 81 77	84 80 77
7	90 82 77	82 77 73	80 76 73
8	87 79 74	78 73 70	77 73 70
9	83 75 70	75 70 67	74 70 67
10	80 72 67	72 67 64	71 67 64

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	1205	87.2	87.2
0° - 40°	1360	98.4	98.4
0° - 60°	1381	99.9	99.9
0° - 90°	1382	100.0	100.0
90° - 180°	0	0.0	0.0
0° - 180°	1382	100.0	100.0

CONE OF LIGHT - Beam: 33.5°			LUMINANCE (cd/sq.m)	
Distance to Illuminated Plane (ft)	Footcandles Beam Center	Beam Diameter	Degrees	Average Luminance
4	212.9	2.4	45	10513
6	94.6	3.6	55	1587
8	53.2	4.8	65	628
10	34.1	6.0	75	293
12	23.7	7.2	85	0

AX2 DR G2 15LM 30K 80CRI 45D FPC 120 2DP CD, 3000K LEDs, input watts: 17.3, delivered lumens: 1378, LM/W = 80, test no. PT07172626, tested in accordance to IESNA LM-79



CP Summary

Beam Angle	0°
0°	2581
5°	2513
15°	1858
25°	909
35°	294
45°	23
55°	2
65°	1
75°	0
85°	0
90°	0

Coefficients of Utilization

pc	20%		
	80%	70%	50%
pw	70%50%30%	50%30%10%	50%30%10%
0	119 119 119	116 116 116	111 111 111
1	114 112 109	110 108 106	106 104 103
2	109 105 101	103 100 97	100 98 95
3	105 99 95	98 94 90	95 92 89
4	100 94 89	93 88 85	91 87 84
5	96 89 84	88 83 80	86 82 79
6	92 84 79	84 79 75	82 78 75
7	88 80 75	80 75 71	78 74 71
8	85 76 71	76 71 67	75 70 67
9	81 73 68	73 68 64	72 67 64
10	78 70 65	69 65 61	69 64 61

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	1157	84.2	84.2
0° - 40°	1346	97.9	97.9
0° - 60°	1373	99.9	99.9
0° - 90°	1374	100.0	100.0
90° - 180°	0	0.0	0.0
0° - 180°	1374	100.0	100.0

CONE OF LIGHT - Beam: 41.2°			LUMINANCE (cd/sq.m)	
Distance to Illuminated Plane (ft)	Footcandles Beam Center	Beam Diameter	Degrees	Average Luminance
4	161.3	3.0	45	12444
6	71.7	4.5	55	1587
8	40.3	6.0	65	718
10	25.8	7.5	75	293
12	17.9	9.0	85	435

LUMEN OUTPUT MULTIPLIERS

Color Temperature	CRI	Multiplier
2700K	80	0.95
3000K	80	1.00
3500K	80	1.05
4000K	80	1.10

Color Temperature	CRI	Multiplier
2700K	90	0.83
3000K	90	0.87

Lumen Package	Multiplier
800	0.58
1200	0.86
1500	1.00

2" LED UNIVERSAL RECESSED ADJUSTABLE/DOWNLIGHT/WALL WASH 800/1200/1500 LUMEN ROUND PARABOLIC DOWNLIGHT REMODEL 2DP Trim with WET option

2DP Parabolic Downlight Trim



Self-Flanged

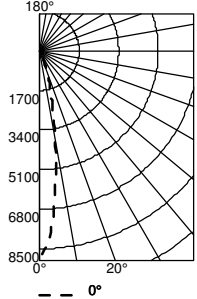


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PHOTOMETRICS

AX2 DR G2 15LM 30K 80CRI 15D FPC 120 2DP CD WET, 3000K LEDs, input watts: 17.3, delivered lumens: 1390, LM/W = 80, test no. PT07172507, tested in accordance to IESNA LM-79



CP Summary

Beam Angle	Footcandle
0°	8823
5°	6966
15°	1899
25°	445
35°	69
45°	9
55°	2
65°	1
75°	0
85°	0
90°	0

Coefficients of Utilization

pc	20%		
	80%	70%	50%
pw	70%50%30%	50%30%10%	50%30%10%
0	119	119	111
1	115	113	111
2	112	108	105
3	108	104	102
4	105	100	97
5	102	96	92
6	99	93	89
7	97	90	86
8	94	88	84
9	92	85	81
10	90	83	79

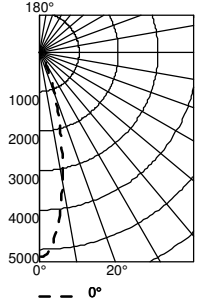
Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	1315	95.5	95.5
0° - 40°	1367	99.3	99.3
0° - 60°	1376	99.9	99.9
0° - 90°	1377	100.0	100.0
90° - 180°	0	0.0	0.0
0° - 180°	1377	100.0	100.0

CONE OF LIGHT - Beam: 18.2°

Distance to Illuminated Plane (ft)	Footcandles Beam Center	Beam Diameter	Degrees	Average Luminance
4	551.4	1.3	45	4613
6	245.1	1.9	55	992
8	137.9	2.6	65	538
10	88.2	3.2	75	293
12	61.3	3.8	85	0

AX2 DR G2 15LM 30K 80CRI 24D FPC 120 2DP CD WET, 3000K LEDs, input watts: 17.3, delivered lumens: 1287, LM/W = 74, test no. PT07172515, tested in accordance to IESNA LM-79



CP Summary

Beam Angle	Footcandle
0°	5203
5°	4650
15°	2010
25°	525
35°	83
45°	11
55°	2
65°	1
75°	0
85°	0
90°	0

Coefficients of Utilization

pc	20%		
	80%	70%	50%
pw	70%50%30%	50%30%10%	50%30%10%
0	119	119	116
1	115	113	111
2	111	107	104
3	107	102	98
4	104	98	94
5	100	94	90
6	97	91	86
7	94	88	83
8	91	85	80
9	89	82	78
10	86	79	75

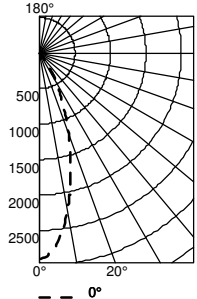
Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	1206	94.2	94.2
0° - 40°	1268	99.1	99.1
0° - 60°	1279	99.9	99.9
0° - 90°	1280	100.0	100.0
90° - 180°	0	0.0	0.0
0° - 180°	1280	100.0	100.0

CONE OF LIGHT - Beam: 25.4°

Distance to Illuminated Plane (ft)	Footcandles Beam Center	Beam Diameter	Degrees	Average Luminance
4	325.2	1.8	45	5739
6	144.5	2.7	55	992
8	81.3	3.6	65	538
10	52.0	4.5	75	293
12	36.1	5.4	85	435

AX2 DR G2 15LM 30K 80CRI 35D FPC 120 2DP CD WET, 3000K LEDs, input watts: 17.3, delivered lumens: 1260, LM/W = 73, test no. PT07172623, tested in accordance to IESNA LM-79



CP Summary

Beam Angle	Footcandle
0°	2899
5°	2719
15°	1715
25°	790
35°	235
45°	21
55°	3
65°	1
75°	0
85°	0
90°	0

Coefficients of Utilization

pc	20%		
	80%	70%	50%
pw	70%50%30%	50%30%10%	50%30%10%
0	119	119	116
1	114	112	110
2	110	105	102
3	105	100	95
4	101	94	90
5	97	90	85
6	93	85	80
7	89	81	76
8	86	78	73
9	83	74	69
10	80	71	66

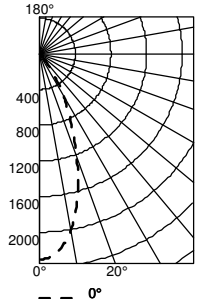
Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	1079	85.9	85.9
0° - 40°	1232	98.0	98.0
0° - 60°	1255	99.9	99.9
0° - 90°	1256	100.0	100.0
90° - 180°	0	0.0	0.0
0° - 180°	1256	100.0	100.0

CONE OF LIGHT - Beam: 35°

Distance to Illuminated Plane (ft)	Footcandles Beam Center	Beam Diameter	Degrees	Average Luminance
4	181.2	2.5	45	11371
6	80.5	3.8	55	1719
8	45.3	5.0	65	897
10	29.0	6.3	75	586
12	20.1	7.6	85	435

AX2 DR G2 15LM 30K 80CRI 45D FPC 120 2DP CD WET, 3000K LEDs, input watts: 17.3, delivered lumens: 1252, LM/W = 72, test no. PT07172631, tested in accordance to IESNA LM-79



CP Summary

Beam Angle	Footcandle
0°	2304
5°	2237
15°	1647
25°	833
35°	281
45°	25
55°	3
65°	1
75°	0
85°	0
90°	0

Coefficients of Utilization

pc	20%		
	80%	70%	50%
pw	70%50%30%	50%30%10%	50%30%10%
0	119	119	116
1	114	112	109
2	109	105	101
3	105	99	94
4	100	93	89
5	96	88	83
6	92	84	79
7	88	80	74
8	84	76	71
9	81	72	67
10	78	69	64

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	1039	83.2	83.2
0° - 40°	1219	97.6	97.6
0° - 60°	1248	99.9	99.9
0° - 90°	1249	100.0	100.0
90° - 180°	0	0.0	0.0
0° - 180°	1249	100.0	100.0

CONE OF LIGHT - Beam: 41.6°

Distance to Illuminated Plane (ft)	Footcandles Beam Center	Beam Diameter	Degrees	Average Luminance
4	144.0	3.0	45	13302
6	64.0	4.6	55	1719
8	36.0	6.1	65	987
10	23.0	7.6	75	586
12	16.0	9.1	85	435

LUMEN OUTPUT MULTIPLIERS

Color Temperature	CRI	Multiplier
2700K	80	0.95
3000K	80	1.00
3500K	80	1.05
4000K	80	1.10

Color Temperature	CRI	Multiplier
2700K	90	0.83
3000K	90	0.87

Lumen Package	Multiplier
800	0.58
1200	0.86
1500	1.00

2" LED UNIVERSAL RECESSED ADJUSTABLE/DOWNLIGHT/WALL WASH 800/1200/1500 LUMEN ROUND HYPERBOLIC DOWNLIGHT REMODEL 2DH Trim

2DH Hyperbolic Downlight Trim



Self-Flanged

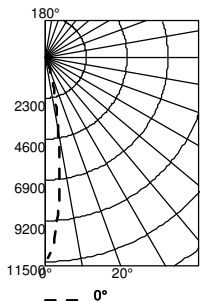


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PHOTOMETRICS

AX2 DR G2 15LM 30K 80CRI 15D FPC 120 2DH CD, 3000K LEDs, input watts: 17.3, delivered lumens: 1503, LM/W = 87, test no. PT07172501, tested in accordance to IESNA LM-79



CP Summary

Beam Angle	Lumens
0°	11500
5°	8441
15°	1957
25°	383
35°	57
45°	17
55°	11
65°	5
75°	2
85°	0
90°	0

Coefficients of Utilization

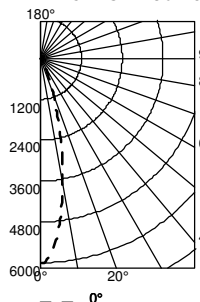
pc	20%			50%		
	80%	70%	50%	80%	70%	50%
0	119	119	119	116	116	116
1	115	113	111	111	109	108
2	112	108	105	106	104	102
3	108	104	100	102	99	97
4	105	100	96	99	96	93
5	102	97	93	96	92	90
6	100	94	90	93	89	87
7	97	91	87	91	87	84
8	95	89	85	88	85	82
9	93	86	83	86	82	80
10	91	84	81	84	80	78

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	1413	95.1	95.1
0° - 40°	1456	97.9	97.9
0° - 60°	1479	99.5	99.5
0° - 90°	1486	100.0	100.0
90° - 180°	0	0.0	0.0
0° - 180°	1486	100.0	100.0

CONE OF LIGHT - Beam: 16.1°			LUMINANCE (cd/sq.m)	
Distance to Illuminated Plane (ft)	Footcandles Beam Center	Beam Diameter	Degrees	Average Luminance
4	718.8	1.1	45	9333
6	319.4	1.7	55	7208
8	179.7	2.3	65	4308
10	115.0	2.8	75	2198
12	79.9	3.4	85	870

AX2 DR G2 15LM 30K 80CRI 24D FPC 120 2DH CD, 3000K LEDs, input watts: 17.3, delivered lumens: 1372, LM/W = 79, test no. PT07172509, tested in accordance to IESNA LM-79



CP Summary

Beam Angle	Lumens
0°	6033
5°	5341
15°	2152
25°	471
35°	64
45°	18
55°	11
65°	5
75°	2
85°	0
90°	0

Coefficients of Utilization

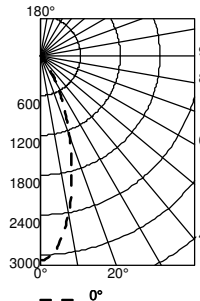
pc	20%			50%		
	80%	70%	50%	80%	70%	50%
0	119	119	119	116	116	116
1	115	113	111	111	109	107
2	111	107	104	106	103	100
3	107	102	99	101	98	95
4	104	98	94	97	93	91
5	101	94	90	94	90	87
6	97	91	87	90	86	83
7	95	88	84	87	83	80
8	92	85	81	85	81	78
9	89	83	78	82	78	75
10	87	80	76	80	76	73

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	1282	94.1	94.1
0° - 40°	1332	97.7	97.7
0° - 60°	1356	99.5	99.5
0° - 90°	1364	100.0	100.0
90° - 180°	0	0.0	0.0
0° - 180°	1364	100.0	100.0

CONE OF LIGHT - Beam: 24.5°			LUMINANCE (cd/sq.m)	
Distance to Illuminated Plane (ft)	Footcandles Beam Center	Beam Diameter	Degrees	Average Luminance
4	377.1	1.7	45	9655
6	167.6	2.6	55	7076
8	94.3	3.5	65	4487
10	60.3	4.3	75	2345
12	41.9	5.2	85	1306

AX2 DR G2 15LM 30K 80CRI 35D FPC 120 2DH CD, 3000K LEDs, input watts: 17.3, delivered lumens: 1355, LM/W = 78, test no. PT07172617, tested in accordance to IESNA LM-79



CP Summary

Beam Angle	Lumens
0°	3096
5°	2893
15°	1824
25°	821
35°	227
45°	36
55°	20
65°	10
75°	3
85°	1
90°	0

Coefficients of Utilization

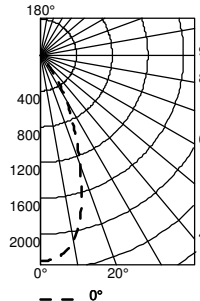
pc	20%			50%		
	80%	70%	50%	80%	70%	50%
0	119	119	119	116	116	116
1	114	112	109	109	107	106
2	109	105	101	103	100	97
3	105	99	94	98	93	90
4	100	94	89	92	88	84
5	96	89	84	88	83	79
6	92	84	79	84	79	75
7	88	80	75	80	75	71
8	85	77	72	76	71	68
9	82	73	68	73	68	65
10	79	70	65	70	65	62

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	1138	84.2	84.2
0° - 40°	1288	95.3	95.3
0° - 60°	1337	98.9	98.9
0° - 90°	1351	100.0	100.0
90° - 180°	0	0.0	0.0
0° - 180°	1351	100.0	100.0

CONE OF LIGHT - Beam: 34.7°			LUMINANCE (cd/sq.m)	
Distance to Illuminated Plane (ft)	Footcandles Beam Center	Beam Diameter	Degrees	Average Luminance
4	193.5	2.5	45	19471
6	86.0	3.7	55	12895
8	48.4	5.0	65	8975
10	31.0	6.2	75	4983
12	21.5	7.5	85	2176

AX2 DR G2 15LM 30K 80CRI 45D FPC 120 2DH CD, 3000K LEDs, input watts: 17.3, delivered lumens: 1349, LM/W = 78, test no. PT07172625, tested in accordance to IESNA LM-79



CP Summary

Beam Angle	Lumens
0°	2296
5°	2265
15°	1761
25°	880
35°	288
45°	38
55°	20
65°	11
75°	4
85°	1
90°	0

Coefficients of Utilization

pc	20%			50%		
	80%	70%	50%	80%	70%	50%
0	119	119	119	116	116	116
1	114	111	109	109	107	105
2	109	104	100	103	99	96
3	104	98	93	97	92	89
4	99	92	87	91	87	83
5	95	87	82	86	81	78
6	91	83	77	82	77	73
7	87	78	73	78	73	69
8	83	75	69	74	69	65
9	80	71	66	71	66	62
10	77	68	63	68	62	59

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	1092	81.1	81.1
0° - 40°	1277	94.9	94.9
0° - 60°	1330	98.9	98.9
0° - 90°	1346	100.0	100.0
90° - 180°	0	0.0	0.0
0° - 180°	1346	100.0	100.0

CONE OF LIGHT - Beam: 43.1°			LUMINANCE (cd/sq.m)	
Distance to Illuminated Plane (ft)	Footcandles Beam Center	Beam Diameter	Degrees	Average Luminance
4	143.5	3.2	45	20490
6	63.8	4.7	55	13093
8	35.9	6.3	65	9423
10	23.0	7.9	75	5422
12	15.9	9.5	85	2176

LUMEN OUTPUT MULTIPLIERS

Color Temperature	CRI	Multiplier
2700K	80	0.95
3000K	80	1.00
3500K	80	1.05
4000K	80	1.10

Color Temperature	CRI	Multiplier
2700K	90	0.83
3000K	90	0.87

Lumen Package	Multiplier
800	0.58
1200	0.86
1500	1.00

2" LED UNIVERSAL RECESSED ADJUSTABLE/DOWNLIGHT/WALL WASH 800/1200/1500 LUMEN ROUND DOWNLIGHT BEVEL REMODEL 2DBV Trim

2DBV Downlight Bevel



Self-Flanged

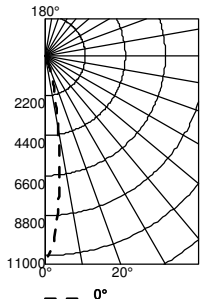


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PHOTOMETRICS

AX2 DR G2 15LM 30K 80CRI 15D FPC 120 2DBV BD, 3000K LEDs, input watts: 17.3, delivered lumens: 1297, LM/W = 75, test no. PT07172503, tested in accordance to IESNA LM-79



CP Summary

Beam Angle (°)	Footcandle
0°	11242
5°	8220
15°	1790
25°	186
35°	17
45°	2
55°	1
65°	1
75°	0
85°	0
90°	0

Coefficients of Utilization

pc	20%		
	80%	70%	50%
pw	70% 50% 30%	50% 30% 10%	50% 30% 10%
0	119 119 119	116 116 116	111 111 111
1	116 114 112	112 110 109	108 106 105
2	112 109 106	107 105 103	104 103 101
3	109 105 102	104 101 99	102 99 97
4	107 102 99	101 98 95	99 96 94
5	104 99 96	98 95 93	97 94 92
6	102 97 93	96 93 90	95 92 90
7	100 94 91	94 90 88	93 90 88
8	98 92 89	92 88 86	91 88 86
9	96 90 87	90 86 84	89 86 84
10	94 88 85	88 85 83	87 84 82

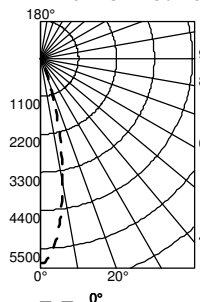
Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	1263	98.6	98.6
0° - 40°	1277	99.7	99.7
0° - 60°	1280	99.9	99.9
0° - 90°	1281	100.0	100.0
90° - 180°	0	0.0	0.0
0° - 180°	1281	100.0	100.0

CONE OF LIGHT - Beam: 15.9°

Distance to Illuminated Plane (ft)	Footcandles Beam Center	Beam Diameter	LUMINANCE (cd/sq.m)	
			Degrees	Average Luminance
4	702.6	1.1	45	3841
6	312.3	1.7	55	1578
8	175.7	2.2	65	1339
10	112.4	2.8	75	1312
12	78.1	3.4	85	0

AX2 DR G2 15LM 30K 80CRI 24D FPC 120 2DBV BD, 3000K LEDs, input watts: 17.3, delivered lumens: 1170, LM/W = 68, test no. PT07172511, tested in accordance to IESNA LM-79



CP Summary

Beam Angle (°)	Footcandle
0°	5950
5°	5264
15°	1995
25°	268
35°	22
45°	3
55°	1
65°	1
75°	0
85°	0
90°	0

Coefficients of Utilization

pc	20%		
	80%	70%	50%
pw	70% 50% 30%	50% 30% 10%	50% 30% 10%
0	119 119 119	116 116 116	111 111 111
1	115 113 111	111 109 108	107 106 105
2	112 108 105	107 104 102	104 102 100
3	108 104 101	103 100 97	100 98 96
4	105 100 97	99 96 93	97 94 92
5	103 97 93	96 93 90	95 92 89
6	100 94 90	93 90 87	92 89 86
7	97 91 87	91 87 84	90 86 84
8	95 89 85	88 85 82	87 84 82
9	93 86 83	86 82 80	85 82 80
10	90 84 81	84 80 78	83 80 78

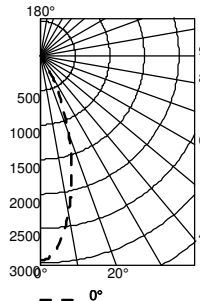
Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	1140	98.2	98.2
0° - 40°	1157	99.6	99.6
0° - 60°	1160	99.9	99.9
0° - 90°	1161	100.0	100.0
90° - 180°	0	0.0	0.0
0° - 180°	1161	100.0	100.0

CONE OF LIGHT - Beam: 24.1°

Distance to Illuminated Plane (ft)	Footcandles Beam Center	Beam Diameter	LUMINANCE (cd/sq.m)	
			Degrees	Average Luminance
4	371.9	1.7	45	4321
6	165.3	2.6	55	1578
8	93.0	3.4	65	1339
10	59.5	4.3	75	1749
12	41.3	5.1	85	0

AX2 DR G2 15LM 30K 80CRI 35D FPC 120 2DBV BD, 3000K LEDs, input watts: 17.3, delivered lumens: 1105, LM/W = 64, test no. PT07172619, tested in accordance to IESNA LM-79



CP Summary

Beam Angle (°)	Footcandle
0°	2970
5°	2777
15°	1740
25°	655
35°	88
45°	6
55°	1
65°	1
75°	1
85°	0
90°	0

Coefficients of Utilization

pc	20%		
	80%	70%	50%
pw	70% 50% 30%	50% 30% 10%	50% 30% 10%
0	119 119 119	116 116 116	111 111 111
1	115 112 110	110 108 107	106 105 103
2	110 106 103	105 102 99	101 99 97
3	106 101 97	100 96 93	97 94 92
4	102 96 92	95 91 88	93 90 87
5	99 92 87	91 87 84	89 86 83
6	95 88 83	87 83 80	86 82 79
7	92 84 80	84 79 76	83 79 76
8	89 81 76	81 76 73	80 76 73
9	86 78 73	78 73 70	77 73 70
10	83 75 71	75 70 67	74 70 67

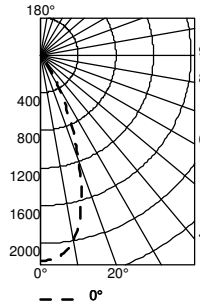
Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	1024	93.1	93.1
0° - 40°	1091	99.2	99.2
0° - 60°	1099	99.9	99.9
0° - 90°	1100	100.0	100.0
90° - 180°	0	0.0	0.0
0° - 180°	1100	100.0	100.0

CONE OF LIGHT - Beam: 34.3°

Distance to Illuminated Plane (ft)	Footcandles Beam Center	Beam Diameter	LUMINANCE (cd/sq.m)	
			Degrees	Average Luminance
4	185.6	2.5	45	9762
6	82.5	3.7	55	2367
8	46.4	4.9	65	2142
10	29.7	6.2	75	2186
12	20.6	7.4	85	0

AX2 DR G2 15LM 30K 80CRI 45D FPC 120 2DBV BD, 3000K LEDs, input watts: 17.3, delivered lumens: 1092, LM/W = 63, test no. PT07172627, tested in accordance to IESNA LM-79



CP Summary

Beam Angle (°)	Footcandle
0°	2182
5°	2151
15°	1664
25°	717
35°	137
45°	5
55°	1
65°	1
75°	1
85°	0
90°	0

Coefficients of Utilization

pc	20%		
	80%	70%	50%
pw	70% 50% 30%	50% 30% 10%	50% 30% 10%
0	119 119 119	116 116 116	111 111 111
1	114 112 110	110 108 106	106 104 103
2	110 106 102	104 101 98	101 98 96
3	105 100 96	99 95 92	96 93 90
4	101 95 90	94 90 86	92 88 85
5	97 90 86	90 85 82	88 84 81
6	94 86 81	85 81 77	84 80 77
7	90 82 77	82 77 74	81 76 73
8	87 79 74	78 74 70	77 73 70
9	84 75 71	75 70 67	74 70 67
10	81 72 68	72 67 64	71 67 64

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	980	90.1	90.1
0° - 40°	1078	99.1	99.1
0° - 60°	1087	99.9	99.9
0° - 90°	1089	100.0	100.0
90° - 180°	0	0.0	0.0
0° - 180°	1089	100.0	100.0

CONE OF LIGHT - Beam: 41.9°

Distance to Illuminated Plane (ft)	Footcandles Beam Center	Beam Diameter	LUMINANCE (cd/sq.m)	
			Degrees	Average Luminance
4	136.4	3.1	45	7681
6	60.6	4.6	55	2565
8	34.1	6.1	65	2142
10	21.8	7.7	75	2186
12	15.2	9.2	85	0

LUMEN OUTPUT MULTIPLIERS

Color Temperature	CRI	Multiplier
2700K	80	0.95
3000K	80	1.00
3500K	80	1.05
4000K	80	1.10

Color Temperature	CRI	Multiplier
2700K	90	0.83
3000K	90	0.87

Lumen Package	Multiplier
800	0.58
1200	0.86
1500	1.00

2" LED UNIVERSAL RECESSED ADJUSTABLE/DOWNLIGHT/WALL WASH 800/1200/1500 LUMEN ROUND DOWNLIGHT BEVEL REMODEL 2DBV Trim with WET option

2DBV Downlight Bevel



Self-Flanged

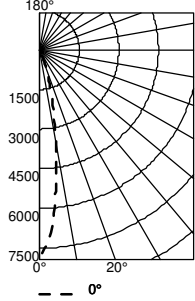


Flangeless



PHOTOMETRICS

AX2 DR G2 15LM 30K 80CRI 15D FPC 120 2DBV BD WET, 3000K LEDs, input watts: 17.3, delivered lumens: 1159, LM/W = 67, test no. PT07172505, tested in accordance to IESNA LM-79



CP Summary

Beam Angle (°)	Footcandles
0°	7774
5°	6214
15°	1686
25°	258
35°	35
45°	7
55°	2
65°	1
75°	0
85°	0
90°	0

Coefficients of Utilization

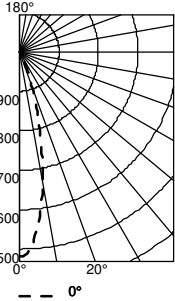
pc	20%			50%		
	80%	70%	50%	80%	70%	50%
0	119	119	119	116	116	116
1	115	113	112	111	110	108
2	112	108	106	107	104	102
3	109	104	101	103	100	97
4	106	101	97	100	96	94
5	103	97	94	97	93	90
6	100	95	91	94	90	88
7	98	92	88	91	88	85
8	96	90	86	89	85	83
9	93	87	84	87	83	81
10	91	85	82	85	81	79

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	1113	97.0	97.0
0° - 40°	1138	99.2	99.2
0° - 60°	1146	99.9	99.9
0° - 90°	1148	100.0	100.0
90° - 180°	0	0.0	0.0
0° - 180°	1148	100.0	100.0

CONE OF LIGHT - Beam: 18.7°			LUMINANCE (cd/sq.m)	
Distance to Illuminated Plane (ft)	Footcandles Beam Center	Beam Diameter	Degrees	Average Luminance
4	485.9	1.3	45	10402
6	216.0	2.0	55	4538
8	121.5	2.6	65	2945
10	77.7	3.3	75	1312
12	54.0	4.0	85	0

AX2 DR G2 15LM 30K 80CRI 24D FPC 120 2DBV BD WET, 3000K LEDs, input watts: 17.3, delivered lumens: 1047, LM/W = 61, test no. PT07172513, tested in accordance to IESNA LM-79



CP Summary

Beam Angle (°)	Footcandles
0°	4682
5°	4193
15°	1745
25°	319
35°	41
45°	7
55°	2
65°	1
75°	0
85°	0
90°	0

Coefficients of Utilization

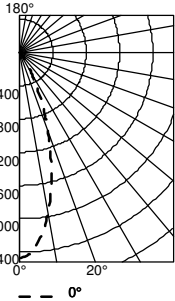
pc	20%			50%		
	80%	70%	50%	80%	70%	50%
0	119	119	119	116	116	116
1	115	113	111	111	109	108
2	111	108	105	106	103	101
3	108	103	100	102	99	96
4	104	99	95	98	95	92
5	101	96	91	95	91	88
6	98	92	88	92	88	85
7	96	89	85	89	85	82
8	93	87	83	86	82	80
9	91	84	80	84	80	77
10	88	82	78	81	78	75

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	1000	96.1	96.1
0° - 40°	1031	99.0	99.0
0° - 60°	1039	99.9	99.9
0° - 90°	1041	100.0	100.0
90° - 180°	0	0.0	0.0
0° - 180°	1041	100.0	100.0

CONE OF LIGHT - Beam: 25.2°			LUMINANCE (cd/sq.m)	
Distance to Illuminated Plane (ft)	Footcandles Beam Center	Beam Diameter	Degrees	Average Luminance
4	292.6	1.8	45	11842
6	130.1	2.7	55	4538
8	73.2	3.6	65	2945
10	46.8	4.5	75	1312
12	32.5	5.4	85	0

AX2 DR G2 15LM 30K 80CRI 35D FPC 120 2DBV BD WET, 3000K LEDs, input watts: 17.3, delivered lumens: 987, LM/W = 57, test no. PT07172621, tested in accordance to IESNA LM-79



CP Summary

Beam Angle (°)	Footcandles
0°	2467
5°	2325
15°	1479
25°	580
35°	118
45°	17
55°	4
65°	1
75°	0
85°	0
90°	0

Coefficients of Utilization

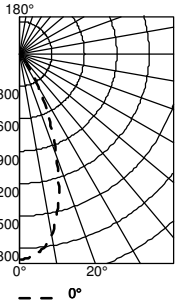
pc	20%			50%		
	80%	70%	50%	80%	70%	50%
0	119	119	119	116	116	116
1	114	112	110	110	108	106
2	110	106	102	104	101	98
3	106	100	96	99	95	92
4	102	95	91	94	90	87
5	98	91	86	90	86	82
6	94	87	82	86	81	78
7	91	83	78	82	78	74
8	87	80	75	79	74	71
9	84	76	72	76	71	68
10	81	73	69	73	69	65

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	880	89.5	89.5
0° - 40°	962	97.9	97.9
0° - 60°	981	99.8	99.8
0° - 90°	983	100.0	100.0
90° - 180°	0	0.0	0.0
0° - 180°	983	100.0	100.0

CONE OF LIGHT - Beam: 34.9°			LUMINANCE (cd/sq.m)	
Distance to Illuminated Plane (ft)	Footcandles Beam Center	Beam Diameter	Degrees	Average Luminance
4	154.2	2.5	45	27685
6	68.5	3.8	55	7300
8	38.5	5.0	65	3749
10	24.7	6.3	75	1749
12	17.1	7.5	85	0

AX2 DR G2 15LM 30K 80CRI 45D FPC 120 2DBV BD WET, 3000K LEDs, input watts: 17.3, delivered lumens: 969, LM/W = 56, test no. PT07172629, tested in accordance to IESNA LM-79



CP Summary

Beam Angle (°)	Footcandles
0°	1901
5°	1858
15°	1394
25°	621
35°	154
45°	23
55°	4
65°	2
75°	1
85°	0
90°	0

Coefficients of Utilization

pc	20%			50%		
	80%	70%	50%	80%	70%	50%
0	119	119	119	116	116	116
1	114	112	110	110	108	106
2	110	105	102	104	100	98
3	105	99	95	98	94	91
4	101	94	89	93	89	85
5	97	89	84	88	84	80
6	93	85	80	84	79	76
7	89	81	76	80	76	72
8	86	77	72	77	72	69
9	82	74	69	74	69	65
10	79	71	66	71	66	62

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	836	86.5	86.5
0° - 40°	940	97.2	97.2
0° - 60°	965	99.8	99.8
0° - 90°	967	100.0	100.0
90° - 180°	0	0.0	0.0
0° - 180°	967	100.0	100.0

CONE OF LIGHT - Beam: 41.2°			LUMINANCE (cd/sq.m)	
Distance to Illuminated Plane (ft)	Footcandles Beam Center	Beam Diameter	Degrees	Average Luminance
4	118.8	3.0	45	36327
6	52.8	4.5	55	8286
8	29.7	6.0	65	4016
10	19.0	7.5	75	2186
12	13.2	9.0	85	0

LUMEN OUTPUT MULTIPLIERS

Color Temperature	CRI	Multiplier
2700K	80	0.95
3000K	80	1.00
3500K	80	1.05
4000K	80	1.10

Color Temperature	CRI	Multiplier
2700K	90	0.83
3000K	90	0.87

Lumen Package	Multiplier
800	0.58
1200	0.86
1500	1.00

2" LED UNIVERSAL RECESSED ADJUSTABLE/DOWNLIGHT/WALL WASH 800/1200/1500 LUMEN

ROUND 1 1/4" DOWNLIGHT PINHOLE REMODEL
2DPIN Trim

2DPIN Downlight Pinhole



Self-Flanged

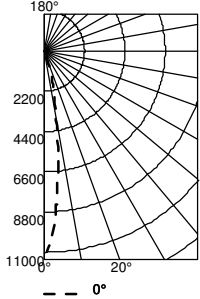


Flangeless



PHOTOMETRICS

AX2 DR G2 15LM 30K 80CRI 15D FPC 120 2DPIN BD, 3000K LEDs, input watts: 17.3, delivered lumens: 1167, LM/W = 67, test no. PT07172504, tested in accordance to IESNA LM-79



CP Summary

0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
11156	7975	1553	109	7	1	0	0	0	0	0

Coefficients of Utilization

pc	20%			Zone	Lumens	% Lamp	% Fixture
	80%	70%	50%				
0	119	119	119	0° - 30°	1142	99.3	99.3
1	116	114	112	0° - 40°	1149	99.9	99.9
2	113	110	107	0° - 60°	1150	100.0	100.0
3	110	106	103	0° - 90°	1150	100.0	100.0
4	107	103	100	90° - 180°	0	0.0	0.0
5	105	100	97	0° - 180°	1150	100.0	100.0
6	103	98	94				
7	101	95	92				
8	99	94	90				
9	97	92	88				
10	95	90	87				

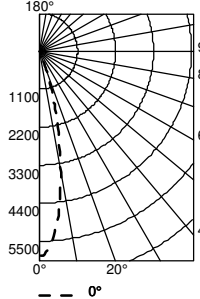
Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	1142	99.3	99.3
0° - 40°	1149	99.9	99.9
0° - 60°	1150	100.0	100.0
0° - 90°	1150	100.0	100.0
90° - 180°	0	0.0	0.0
0° - 180°	1150	100.0	100.0

CONE OF LIGHT - Beam: 15.4°

Distance to Illuminated Plane (ft)	Footcandles Beam Center	Beam Diameter	LUMINANCE (cd/sq.m)	
			Degrees	Average Luminance
4	697.2	1.1	45	1162
6	309.9	1.6	55	477
8	174.3	2.2	65	324
10	111.6	2.7	75	529
12	77.5	3.2	85	0

AX2 DR G2 15LM 30K 80CRI 24D FPC 120 2DPIN BD, 3000K LEDs, input watts: 17.3, delivered lumens: 1044, LM/W = 60, test no. PT07172512, tested in accordance to IESNA LM-79



CP Summary

0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
5946	5236	1743	159	12	1	0	0	0	0	0

Coefficients of Utilization

pc	20%			Zone	Lumens	% Lamp	% Fixture
	80%	70%	50%				
0	119	119	119	0° - 30°	1025	99.1	99.1
1	115	113	112	0° - 40°	1034	99.9	99.9
2	112	109	106	0° - 60°	1035	100.0	100.0
3	109	105	101	0° - 90°	1035	100.0	100.0
4	106	101	98	90° - 180°	0	0.0	0.0
5	103	98	94	0° - 180°	1035	100.0	100.0
6	101	95	92				
7	99	93	89				
8	96	90	87				
9	94	88	85				
10	92	86	83				

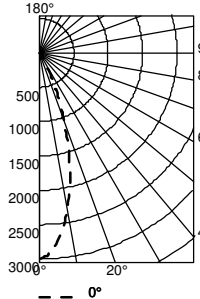
Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	1025	99.1	99.1
0° - 40°	1034	99.9	99.9
0° - 60°	1035	100.0	100.0
0° - 90°	1035	100.0	100.0
90° - 180°	0	0.0	0.0
0° - 180°	1035	100.0	100.0

CONE OF LIGHT - Beam: 23°

Distance to Illuminated Plane (ft)	Footcandles Beam Center	Beam Diameter	LUMINANCE (cd/sq.m)	
			Degrees	Average Luminance
4	371.6	1.6	45	1162
6	165.2	2.4	55	477
8	92.9	3.3	65	324
10	59.5	4.1	75	529
12	41.3	4.9	85	0

AX2 DR G2 15LM 30K 80CRI 35D FPC 120 2DPIN BD, 3000K LEDs, input watts: 17.3, delivered lumens: 980, LM/W = 57, test no. PT07172620, tested in accordance to IESNA LM-79



CP Summary

0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
2990	2791	1686	483	44	1	0	0	0	0	0

Coefficients of Utilization

pc	20%			Zone	Lumens	% Lamp	% Fixture
	80%	70%	50%				
0	119	119	119	0° - 30°	939	96.2	96.2
1	115	113	111	0° - 40°	974	99.8	99.8
2	111	107	104	0° - 60°	975	100.0	100.0
3	107	102	98	0° - 90°	976	100.0	100.0
4	103	98	93	90° - 180°	0	0.0	0.0
5	100	94	89	0° - 180°	976	100.0	100.0
6	97	90	85				
7	93	87	82				
8	91	83	79				
9	88	81	76				
10	85	78	74				

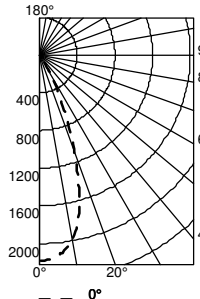
Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	939	96.2	96.2
0° - 40°	974	99.8	99.8
0° - 60°	975	100.0	100.0
0° - 90°	976	100.0	100.0
90° - 180°	0	0.0	0.0
0° - 180°	976	100.0	100.0

CONE OF LIGHT - Beam: 32.9°

Distance to Illuminated Plane (ft)	Footcandles Beam Center	Beam Diameter	LUMINANCE (cd/sq.m)	
			Degrees	Average Luminance
4	186.9	2.4	45	1549
6	83.1	3.5	55	716
8	46.7	4.7	65	324
10	29.9	5.9	75	529
12	20.8	7.1	85	0

AX2 DR G2 15LM 30K 80CRI 45D FPC 120 2DPIN BD, 3000K LEDs, input watts: 17.3, delivered lumens: 948, LM/W = 55, test no. PT07172628, tested in accordance to IESNA LM-79



CP Summary

0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
2179	2138	1629	563	57	1	0	0	0	0	0

Coefficients of Utilization

pc	20%			Zone	Lumens	% Lamp	% Fixture
	80%	70%	50%				
0	119	119	119	0° - 30°	896	94.9	94.9
1	115	112	110	0° - 40°	943	99.8	99.8
2	110	106	103	0° - 60°	944	100.0	100.0
3	106	101	97	0° - 90°	945	100.0	100.0
4	102	96	92	90° - 180°	0	0.0	0.0
5	99	92	88	0° - 180°	945	100.0	100.0
6	95	88	84				
7	92	85	80				
8	89	81	77				
9	86	78	74				
10	83	75	71				

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	896	94.9	94.9
0° - 40°	943	99.8	99.8
0° - 60°	944	100.0	100.0
0° - 90°	945	100.0	100.0
90° - 180°	0	0.0	0.0
0° - 180°	945	100.0	100.0

CONE OF LIGHT - Beam: 39.5°

Distance to Illuminated Plane (ft)	Footcandles Beam Center	Beam Diameter	LUMINANCE (cd/sq.m)	
			Degrees	Average Luminance
4	136.2	2.9	45	1549
6	60.5	4.3	55	716
8	34.1	5.7	65	324
10	21.8	7.2	75	529
12	15.1	8.6	85	0

LUMEN OUTPUT MULTIPLIERS

Color Temperature	CRI	Multiplier
2700K	80	0.95
3000K	80	1.00
3500K	80	1.05
4000K	80	1.10

Color Temperature	CRI	Multiplier
2700K	90	0.83
3000K	90	0.87

Lumen Package	Multiplier
800	0.58
1200	0.86
1500	1.00

2" LED UNIVERSAL RECESSED ADJUSTABLE/DOWNLIGHT/WALL WASH 800/1200/1500 LUMEN

ROUND 1 1/4" DOWNLIGHT PINHOLE REMODEL
2DPIN Trim with WET option

2DPIN Downlight Pinhole



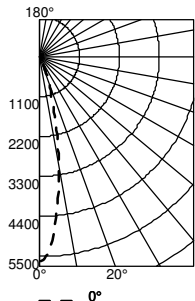
Self-Flanged



Flangeless

PHOTOMETRICS

AX2 DR G2 15LM 30K 80CRI 15D FPC 120 2DPIN BD WET, 3000K LEDs, input watts: 17.3, delivered lumens: 1040, LM/W = 60, test no. PT07172506, tested in accordance to IESNA LM-79



CP Summary

0°	0°
0°	5652
5°	4769
15°	1569
25°	288
35°	50
45°	11
55°	4
65°	2
75°	1
85°	0
90°	0

Coefficients of Utilization

pf	20%								
	80%		70%		50%				
pc	70%	50%	30%	10%	50%	30%	10%		
0	119	119	119	116	116	116	111	111	111
1	115	113	111	111	109	108	107	106	104
2	111	108	105	106	103	101	103	101	99
3	108	103	100	102	99	96	100	97	95
4	105	99	95	98	95	92	96	93	91
5	102	96	92	95	91	88	93	90	88
6	99	93	89	92	88	85	91	87	85
7	96	90	86	89	85	83	88	85	82
8	94	87	83	87	83	80	86	82	80
9	91	85	81	84	81	78	84	80	78
10	89	83	79	82	78	76	81	78	76

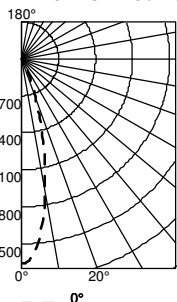
Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	981	95.0	95.0
0° - 40°	1016	98.4	98.4
0° - 60°	1029	99.7	99.7
0° - 90°	1032	100.0	100.0
90° - 180°	0	0.0	0.0
0° - 180°	1032	100.0	100.0

CONE OF LIGHT - Beam: 21.3°

Distance to Illuminated Plane (ft)	Footcandles Beam Center	Beam Diameter	LUMINANCE (cd/sq.m)	
			Degrees	Average Luminance
4	353.2	1.5	45	22075
6	157.0	2.3	55	10026
8	88.3	3.0	65	7452
10	56.5	3.8	75	2645
12	39.2	4.5	85	0

AX2 DR G2 15LM 30K 80CRI 24D FPC 120 2DPIN BD WET, 3000K LEDs, input watts: 17.3, delivered lumens: 944, LM/W = 55, test no. PT07172514, tested in accordance to IESNA LM-79



CP Summary

0°	0°
0°	3889
5°	3506
15°	1521
25°	326
35°	57
45°	13
55°	4
65°	2
75°	1
85°	0
90°	0

Coefficients of Utilization

pf	20%								
	80%		70%		50%				
pc	70%	50%	30%	10%	50%	30%	10%		
0	119	119	119	116	116	116	111	111	111
1	115	113	111	111	109	107	107	105	104
2	111	107	104	106	103	100	102	100	98
3	107	102	99	101	98	95	99	96	93
4	104	98	94	97	93	90	95	92	89
5	100	94	90	94	90	87	92	88	86
6	97	91	87	90	86	83	89	85	83
7	94	88	83	87	83	80	86	82	80
8	92	85	81	84	80	78	84	80	77
9	89	82	78	82	78	75	81	77	75
10	87	80	76	79	76	73	79	75	73

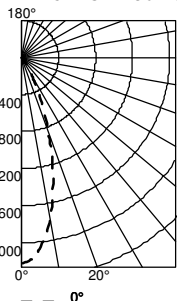
Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	881	93.9	93.9
0° - 40°	921	98.1	98.1
0° - 60°	936	99.7	99.7
0° - 90°	939	100.0	100.0
90° - 180°	0	0.0	0.0
0° - 180°	939	100.0	100.0

CONE OF LIGHT - Beam: 25.8°

Distance to Illuminated Plane (ft)	Footcandles Beam Center	Beam Diameter	LUMINANCE (cd/sq.m)	
			Degrees	Average Luminance
4	243.0	1.8	45	24398
6	108.0	2.7	55	10504
8	60.8	3.7	65	7452
10	38.9	4.6	75	2645
12	27.0	5.5	85	0

AX2 DR G2 15LM 30K 80CRI 35D FPC 120 2DPIN BD WET, 3000K LEDs, input watts: 17.3, delivered lumens: 864, LM/W = 50, test no. PT07172622, tested in accordance to IESNA LM-79



CP Summary

0°	0°
0°	2220
5°	2098
15°	1312
25°	468
35°	103
45°	21
55°	6
65°	2
75°	1
85°	0
90°	0

Coefficients of Utilization

pf	20%								
	80%		70%		50%				
pc	70%	50%	30%	10%	50%	30%	10%		
0	119	119	119	116	116	116	111	111	111
1	114	112	110	110	108	106	106	104	103
2	110	106	102	104	101	98	101	98	96
3	106	100	96	99	95	92	96	93	91
4	102	95	91	94	90	87	92	89	86
5	98	91	86	90	85	82	88	84	81
6	94	87	82	86	81	78	85	81	78
7	91	83	78	82	78	74	81	77	74
8	87	80	75	79	74	71	78	74	71
9	84	76	72	76	71	68	75	71	68
10	81	74	69	73	69	66	72	68	65

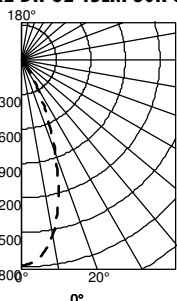
Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	765	88.8	88.8
0° - 40°	835	97.0	97.0
0° - 60°	858	99.7	99.7
0° - 90°	861	100.0	100.0
90° - 180°	0	0.0	0.0
0° - 180°	861	100.0	100.0

CONE OF LIGHT - Beam: 34.2°

Distance to Illuminated Plane (ft)	Footcandles Beam Center	Beam Diameter	LUMINANCE (cd/sq.m)	
			Degrees	Average Luminance
4	138.7	2.5	45	39889
6	61.7	3.7	55	13368
8	34.7	4.9	65	7776
10	22.2	6.2	75	2645
12	15.4	7.4	85	0

AX2 DR G2 15LM 30K 80CRI 45D FPC 120 2DPIN BD WET, 3000K LEDs, input watts: 17.3, delivered lumens: 838, LM/W = 48, test no. PT07172630, tested in accordance to IESNA LM-79



CP Summary

0°	0°
0°	1782
5°	1728
15°	1235
25°	505
35°	118
45°	22
55°	6
65°	2
75°	1
85°	0
90°	0

Coefficients of Utilization

pf	20%								
	80%		70%		50%				
pc	70%	50%	30%	10%	50%	30%	10%		
0	119	119	119	116	116	116	111	111	111
1	114	112	110	110	108	106	106	104	103
2	110	105	102	104	101	98	101	98	96
3	105	100	95	98	94	91	96	92	90
4	101	94	90	93	89	86	91	88	85
5	97	90	85	89	84	81	87	83	80
6	93	85	80	85	80	77	83	79	76
7	89	82	76	81	76	73	80	75	72
8	86	78	73	77	73	69	76	72	69
9	83	75	70	74	69	66	73	69	66
10	80	72	67	71	67	63	70	66	63

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	728	87.1	87.1
0° - 40°	808	96.7	96.7
0° - 60°	833	99.7	99.7
0° - 90°	836	100.0	100.0
90° - 180°	0	0.0	0.0
0° - 180°	836	100.0	100.0

CONE OF LIGHT - Beam: 38.9°

Distance to Illuminated Plane (ft)	Footcandles Beam Center	Beam Diameter	LUMINANCE (cd/sq.m)	
			Degrees	Average Luminance
4	111.4	2.8	45	43181
6	49.5	4.2	55	13368
8	27.9	5.7	65	7452
10	17.8	7.1	75	2645
12	12.4	8.5	85	0

LUMEN OUTPUT MULTIPLIERS

Color Temperature	CRI	Multiplier
2700K	80	0.95
3000K	80	1.00
3500K	80	1.05
4000K	80	1.10

Color Temperature	CRI	Multiplier
2700K	90	0.83
3000K	90	0.87

Lumen Package	Multiplier
800	0.58
1200	0.86
1500	1.00

2WW Wall Wash



Self-Flanged



Flangeless

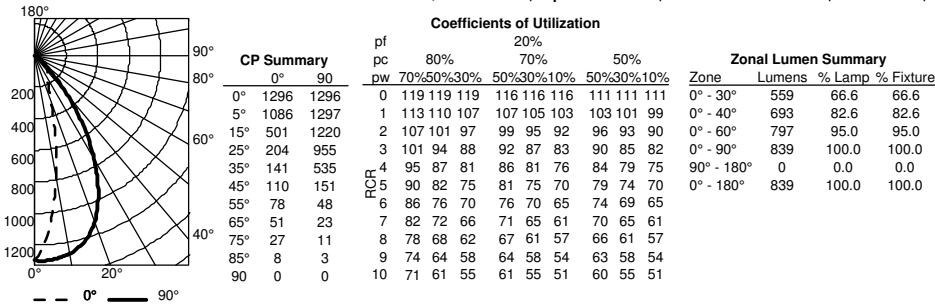


**2" LED UNIVERSAL RECESSED
ADJUSTABLE/DOWNLIGHT/WALL WASH
800/1200/1500 LUMEN**

ROUND ARCHITECTURAL WALL WASH REMODEL
2WW Trim

PHOTOMETRICS

AX2 DR G2 15LM 30K 80CRI 24D FPC 120 2WW CD, 3000K LEDs, input watts: 17.3, delivered lumens: 841, LM/W = 49, test no. PT07172516, tested in accordance to IESNA LM-79



FOOTCANDLES ON WALL FROM MULTIPLE FIXTURES

Fixture Distance to Wall		18"						24"					
Fixture Centers (spacing)		18"			24"			18"			24"		
DISTANCE FROM CEILING	1'	25	25	25	21	19	21	16	16	16	13	13	13
	2'	34	34	34	26	26	26	26	26	26	21	21	21
	3'	27	27	27	21	21	21	24	24	24	19	19	19
	4'	23	24	23	19	19	19	20	20	20	16	16	16
	5'	22	22	22	18	18	18	18	18	18	15	15	15
	6'	20	20	20	16	17	16	17	18	17	14	15	14
	7'	18	18	18	15	15	15	16	17	16	14	14	14
	8'	15	16	15	13	14	13	15	15	15	13	14	13
	9'	12	13	12	11	11	11	13	13	13	11	11	11

Photometry is at 3000K CCT

LUMEN OUTPUT MULTIPLIERS

Color Temperature	CRI	Multiplier
2700K	80	0.95
3000K	80	1.00
3500K	80	1.05
4000K	80	1.10

Color Temperature	CRI	Multiplier
2700K	90	0.83
3000K	90	0.87

Lumen Package	Multiplier
800	0.58
1200	0.86
1500	1.00