ACULUX®

ACULUX LUMINAIRE

Luminaire Type:

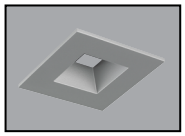
Catalog Number (autopopulated):

AX2SQ D G2 2SQD

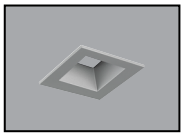
2" LED RECESSED DOWNLIGHT 800/1200/1500 LUMEN

SQUARE DOWNLIGHT REFLECTOR NEW CONSTRUCTION

AX2SQ D/AX2SQ A with 2SQD Trim



Self-Flanged



Flangeless

AX2SQ ICAT

AX2SQ

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 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°, 60° x 20° FWHM can be achieved with the use of the diffusing films and spot primary optic.

Reflector Die cast reflector in clear diffuse, black diffuse, wheat diffuse, or white finish provides 50° cut-off • Black shield prevents visibility into housing.

Trims Style Self Flanged and Flangeless styles are available • Flange is same finish as trim unless optional painted white flange is specified • Flangeless is compatible with gypsum or solid ceiling materials such as wood, stone, or tile.

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 ACLXLED2-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 • ICAT rated new construction fixture meets energy code Air Leakage requirements per ASTM E283 • ENERGY STAR® certified with select trims and housings • ICAT new construction luminaire is Chicago Plenum (CCEA) approved standard • ICAT housings are rated for direct contact with insulation, including spray foam insulation with R-Value of 3.7 per inch or less • Union made.

New Construction Mounting Features patented (US Patent 8,038,113) Pro-VI™ bar hanger system, permitting quick placement of housing with 24" on-center joists or suspended ceilings • ICAT new construction luminaire also features vertically adjustable mounting brackets (butterfly brackets) • V-Notch in plaster frame and patented (US Patent 8,277,090) Tru-Line™ Platform featuring +/- ½" translation and +/- 45° aperture rotation aids fixture alignment after installation, prior to drywall.

Wiring ICAT housing includes (2) ½" knockouts in access plate, and is compatible with rigid conduit and flexible supply • Non-IC housings include (2) ½" knockouts with pryout slots in junction box and are compatible with flexible electrical supply only • All housings supplied with quick connect electrical connectors.

Ceiling Thickness ½" – 1½" ceiling standard.

Buy American Act This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations. Please refer to www.acuitybrands.com/buy-american for additional information.

Warranty - 5YR 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

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: AX2SQ D G2 08LM 30K 80CRI 24D FPC 120 2SQD W SF

HOUSING OPTIONS

Series / Housing Style		Lumens		CCT		CRI	Beam		Driver		Voltage[2]	Options	
AX2SQ D G2	New Construction Downlight	**08LM**	800 Lumens	**27K**	2700K	**80CRI**	**15D**	15° beam	**FPC**	Phase cut dimming, 1% dim	**120**	**CP ICAT**	IC, Air-Tight, Chicago Plenum
AX2SQ A G2	New Construction Universal ADJ/DL/WW	**12LM**	1200 Lumens	**30K**	3000K	**90CRI[1]**	**24D**	24° beam	**ZT**	0-10V Dimming, 1% dim	**MVOLT**	**NLIGHT[3]**	nLight dimming pack controls (Must mount remotely)
		15LM	1500 Lumens	**35K**	3500K		**35D**	35° beam			**(120-277)**		
				40K	4000K		**45D**	45° beam					

TRIM OPTIONS

Square Trim Style		Reflector Finish		Flange Style / Finish		Environment		Ceiling Installation	
DOWNLIGHT		**BD**	Black Diffuse	*SELF FLANGED*		**WET**	Wet location	*SELF FLANGED & FLANGELESS, WOOD/STONE/TILE*	
2SQD	Downlight Reflector	**CD**	Clear Diffuse	**SF**	Flange is same finish as reflector			————	Ceiling ≤ .75"
		W	White Paint	**WHSF**	White painted flange			**CTA2SQ/120**	Ceiling 0.75" - 1.20"
		WTD	Wheat Diffuse	*FLANGELESS*[4]				**CTA2SQ/150**	Ceiling 1.20" - 1.5"
				FM	Flangeless			*FLANGELESS, GYPSUM*	
								FMA2SQ/075	Ceiling ≤ .75"
								FMA2SQ/120	Ceiling 0.75" - 1.20"
								FMA2SQ/150	Ceiling 1.20" - 1.50"

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] Flangeless trims in drywall ceilings must specify ceiling installation (FMA2SQ).

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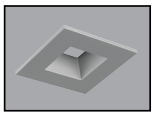
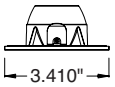
AX2SQ D/AX2SQ A with 2SQD Trim

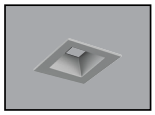
TRIM SELECTION

2SQD Square Downlight Reflector





Self-Flanged



Flangeless

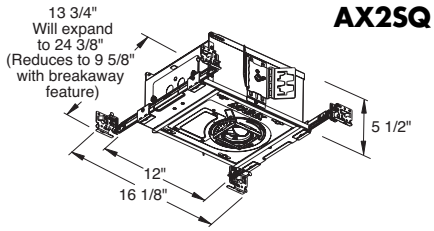
ENERGY STAR	**CCT/CRI:**	80CRI 27K, 30K, 35K, 40K
	Optic:	15D, 24D, 35D, 45D
	Trim Finish:	CD, WTD, BD, W

* With WET option

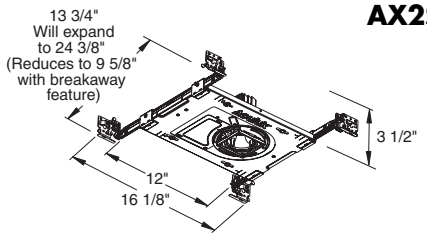
DIMENSIONS

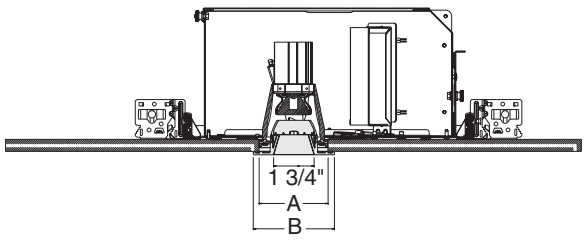
NEW CONSTRUCTION

AX2SQ ICAT



AX2SQ





Trim Style	Cutout Size (A)	Flange Dimension (B)
Self Flanged Trims	2-7/8" x 2-7/8"	3.410"
Flangeless Trims (Solid Ceiling)	2-7/8" x 2-7/8"	2.875"
Flangeless Trims (Drywall Ceiling)	3" x 3"	2.875"

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)
HB1	(2) Real Nail 3 Bar Hangers
HB26	(2) 26" C-Channel Bar Hangers
HB50	(2) 50" C-Channel Bar Hangers
LB27	(2) 27" Linear Bar Hangers
IIS 35 HE	Up to 35W Remote Mount Micro Inverter (AX2SQ 2A G2 15LM and AX2SQ 3A G2 12LM Excluded)

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		
Driver Option	**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

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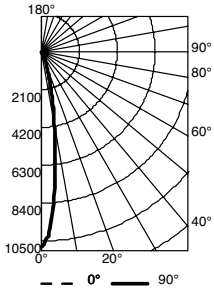
AX2SQ D/AX2SQ A with 2SQD Trim

PHOTOMETRICS

AX2SQ D G2 15LM 30K 80CRI 15D FPC 120 2SQD CD, 3000K LEDs, input watts: 17.3, delivered lumens: 1369, LM/W = 79, test no. PT07172801R, tested in accordance to IESNA LM-79



CP Summary

	0°	90
0°	10817	10817
5°	7996	8076
15°	1903	1859
25°	209	214
35°	16	16
45°	3	3
55°	2	2
65°	1	1
75°	0	0
85°	0	0
90	0	0

Coefficients of Utilization

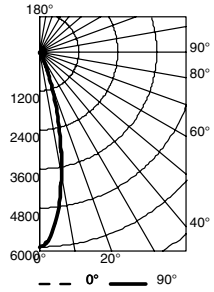
	pf			20%								
	pc	80%			70%			50%				
	pw	70%	50%	30%	50%	30%	10%	50%	30%	10%		
RCR	0	119	119	119	116	116	116	111	111	111		
	1	115	113	112	111	110	108	107	106	105		
	2	112	109	106	107	105	103	104	102	100		
	3	109	105	102	104	101	98	101	99	97		
	4	106	101	98	100	97	95	98	96	93		
	5	104	98	95	97	94	92	96	93	91		
	6	101	96	92	95	91	89	94	91	88		
	7	99	93	89	92	89	87	91	88	86		
	8	97	91	87	90	87	84	89	86	84		
	9	94	89	85	88	85	83	88	84	82		
	10	93	87	83	86	83	81	86	83	81		

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0°- 30°	1329	98.2	98.2
0°- 40°	1347	99.5	99.5
0°- 60°	1352	99.9	99.9
0°- 90°	1353	100.0	100.0
90°- 180°	0	0.0	0.0
0°- 180°	1353	100.0	100.0

CONE OF LIGHT - Beam: 16.3°			LUMINANCE (cd/sq.m)	
Distance to Illuminated Plane (ft)	Footcandles Beam Center	Beam Diameter	Degrees	Average Luminance
4	676.0	1.1	45	4867
6	300.5	1.7	55	4125
8	169.0	2.3	65	2545
10	108.2	2.9	75	1246
12	75.1	3.4	85	1234

AX2SQ D G2 15LM 30K 80CRI 24D FPC 120 2SQD CD, 3000K LEDs, input watts: 17.3, delivered lumens: 1316, LM/W = 76, test no. PT07172808R, tested in accordance to IESNA LM-79



CP Summary

	0°	90
0°	6003	6003
5°	5359	5361
15°	2207	2215
25°	326	324
35°	21	22
45°	4	4
55°	3	3
65°	1	1
75°	0	0
85°	0	0
90	0	0

Coefficients of Utilization

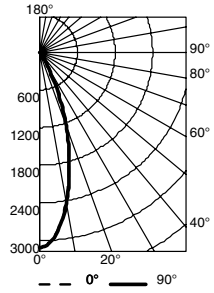
	pf			20%								
	pc	80%			70%			50%				
	pw	70%	50%	30%	50%	30%	10%	50%	30%	10%		
RCR	0	119	119	119	116	116	116	111	111	111		
	1	115	113	111	111	109	108	107	106	104		
	2	111	108	105	106	104	101	103	101	99		
	3	108	103	100	102	99	96	100	97	95		
	4	105	100	96	98	95	92	97	94	91		
	5	102	96	92	95	91	89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

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0°- 30°	1277	97.6	97.6
0°- 40°	1300	99.4	99.4
0°- 60°	1306	99.9	99.9
0°- 90°	1308	100.0	100.0
90°- 180°	0	0.0	0.0
0°- 180°	1308	100.0	100.0

CONE OF LIGHT - Beam: 25.1°			LUMINANCE (cd/sq.m)	
Distance to Illuminated Plane (ft)	Footcandles Beam Center	Beam Diameter	Degrees	Average Luminance
4	375.2	1.8	45	5627
6	166.7	2.7	55	4687
8	93.8	3.6	65	3308
10	60.0	4.5	75	1662
12	41.7	5.3	85	2468

AX2SQ D G2 15LM 30K 80CRI 35D FPC 120 2SQD CD, 3000K LEDs, input watts: 17.3, delivered lumens: 1188, LM/W = 69, test no. PT07172815R, tested in accordance to IESNA LM-79



CP Summary

	0°	90
0°	3109	3109
5°	2915	2925
15°	1814	1834
25°	668	680
35°	66	66
45°	7	7
55°	5	5
65°	3	3
75°	1	1
85°	0	0
90	0	0

Coefficients of Utilization

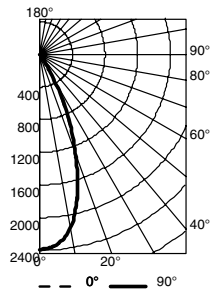
	pf			20%								
	pc	80%			70%			50%				
	pw	70%	50%	30%	50%	30%	10%	50%	30%	10%		
RCR	0	119	119	119	116	116	116	111	111	111		
	1	115	112	110	110	108	106	106	105	103		
	2	110	106	103	104	101	99	101	99	97		
	3	106	101	97	99	96	93	97	94	91		
	4	102	96	91	95	91	87	93	89	86		
	5	98	92	87	91	86	83	89	85	82		
	6	95	88	83	87	82	79	85	82	79		
	7	91	84	79	83	79	76	82	78	75		
	8	88	81	76	80	75	72	79	75	72		
	9	85	77	73	77	72	69	76	72	69		
	10	82	75	70	74	70	67	73	69	67		

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0°- 30°	1091	92.2	92.2
0°- 40°	1167	98.6	98.6
0°- 60°	1180	99.7	99.7
0°- 90°	1183	100.0	100.0
90°- 180°	0	0.0	0.0
0°- 180°	1183	100.0	100.0

CONE OF LIGHT - Beam: 34.6°			LUMINANCE (cd/sq.m)	
Distance to Illuminated Plane (ft)	Footcandles Beam Center	Beam Diameter	Degrees	Average Luminance
4	194.3	2.5	45	10950
6	86.3	3.7	55	8999
8	48.6	5.0	65	6616
10	31.1	6.2	75	4155
12	21.6	7.5	85	2468

AX2SQ D G2 15LM 30K 80CRI 45D FPC 120 2SQD CD, 3000K LEDs, input watts: 17.3, delivered lumens: 1190, LM/W = 69, test no. PT07172822R, tested in accordance to IESNA LM-79



CP Summary

	0°	90
0°	2390	2390
5°	2345	2341
15°	1769	1780
25°	742	770
35°	95	92
45°	8	9
55°	6	6
65°	3	3
75°	1	1
85°	0	0
90	0	0

Coefficients of Utilization

	pf			20%								
	pc	80%			70%			50%				
	pw	70%	50%	30%	50%	30%	10%	50%	30%	10%		
RCR	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	96	98	95	91	96	93	90		
	4	101	95	90	94	89	86	92	88	85		
	5	97	90	85	89	85	81	87	84	80		
	6	93	86	81	85	80	77	84	80	76		
	7	90	82	77	81	77	73	80	76	73		
	8	86	78	73	78	73	70	77	73	70		
	9	83	75	70	75	70	67	74	69	66		
	10	80	72	67	72	67	64	71	67	64		

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0°- 30°	1063	89.6	89.6
0°- 40°	1168	98.4	98.4
0°- 60°	1182	99.6	99.6
0°- 90°	1187	100.0	100.0
90°- 180°	0	0.0	0.0
0°- 180°	1187	100.0	100.0

CONE OF LIGHT - Beam: 41.7°			LUMINANCE (cd/sq.m)	
Distance to Illuminated Plane (ft)	Footcandles Beam Center	Beam Diameter	Degrees	Average Luminance
4	149.4	3.0	45	12775
6	66.4	4.6	55	10687
8	37.3	6.1	65	8143
10	23.9	7.6	75	4986
12	16.6	9.1	85	2468

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

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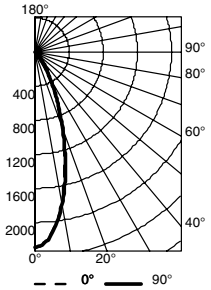
2" LED RECESSED DOWNLIGHT 800/1200/1500 LUMEN

SQUARE DOWNLIGHT REFLECTOR NEW CONSTRUCTION

PHOTOMETRICS

AX2SQ D/AX2SQ A with 2SQD Trim with WET option

AX2SQ D G2 15LM 30K 80CRI 15D FPC 120 2SQD CD WET, 3000K LEDs, input watts: 17.3, delivered lumens: 1052, LM/W = 61, test no. PT07172806R, tested in accordance to IESNA LM-79



CP Summary

	0°	90
0°	2289	2289
5°	2150	2163
15°	1339	1379
25°	567	602
35°	181	197
45°	48	51
55°	13	13
65°	5	5
75°	2	2
85°	0	0
90	0	0

Coefficients of Utilization

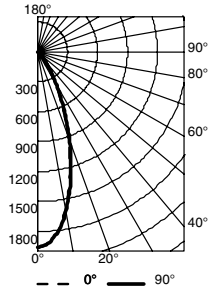
	pf	20%								
	pc	80%			70%			50%		
	pw	70%	50%	30%	50%	30%	10%	50%	30%	10%
RCR	0	119	119	119	116	116	116	111	111	111
	1	114	111	109	109	107	105	105	104	102
	2	109	105	101	103	99	97	100	97	95
	3	104	98	94	97	93	90	94	91	88
	4	100	93	88	92	87	84	90	86	83
	5	95	88	83	87	82	78	85	81	78
	6	91	83	78	83	78	74	81	77	73
	7	88	79	74	79	74	70	77	73	70
	8	84	76	70	75	70	66	74	69	66
	9	81	72	67	72	67	63	71	66	63
	10	78	69	64	69	64	60	68	63	60

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0°- 30°	846	80.7	80.7
0°- 40°	980	93.4	93.4
0°- 60°	1041	99.3	99.3
0°- 90°	1048	100.0	100.0
90°- 180°	0	0.0	0.0
0°- 180°	1048	100.0	100.0

CONE OF LIGHT - Beam: 35.3°			LUMINANCE (cd/sq.m)	
Distance to Illuminated Plane (ft)	Footcandles Beam Center	Beam Diameter	Degrees	Average Luminance
4	143.1	2.5	45	72999
6	63.6	3.8	55	24186
8	35.8	5.1	65	13232
10	22.9	6.4	75	7894
12	15.9	7.6	85	4935

AX2SQ D G2 15LM 30K 80CRI 24D FPC 120 2SQD CD WET, 3000K LEDs, input watts: 17.3, delivered lumens: 1016, LM/W = 59, test no. PT07172813R, tested in accordance to IESNA LM-79



CP Summary

	0°	90
0°	1956	1956
5°	1861	1868
15°	1253	1281
25°	583	613
35°	191	205
45°	51	55
55°	13	14
65°	6	6
75°	2	2
85°	0	0
90	0	0

Coefficients of Utilization

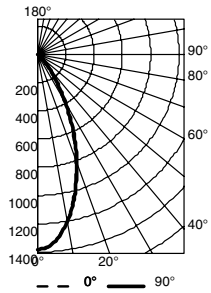
	pf	20%								
	pc	80%			70%			50%		
	pw	70%	50%	30%	50%	30%	10%	50%	30%	10%
RCR	0	119	119	119	116	116	116	111	111	111
	1	114	111	109	109	107	105	105	103	102
	2	109	104	100	102	99	96	99	96	94
	3	104	98	93	96	92	89	94	90	87
	4	99	92	87	91	86	83	89	85	82
	5	95	87	82	86	81	77	84	80	77
	6	91	82	77	82	76	73	80	76	72
	7	87	78	73	78	72	69	76	72	68
	8	83	74	69	74	69	65	73	68	65
	9	80	71	65	70	65	62	69	65	62
	10	77	68	62	67	62	59	66	62	59

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0°- 30°	800	79.0	79.0
0°- 40°	941	92.8	92.8
0°- 60°	1005	99.2	99.2
0°- 90°	1013	100.0	100.0
90°- 180°	0	0.0	0.0
0°- 180°	1013	100.0	100.0

CONE OF LIGHT - Beam: 38.5°			LUMINANCE (cd/sq.m)	
Distance to Illuminated Plane (ft)	Footcandles Beam Center	Beam Diameter	Degrees	Average Luminance
4	122.3	2.8	45	77258
6	54.3	4.2	55	24561
8	30.6	5.6	65	14250
10	19.6	7.0	75	8310
12	13.6	8.4	85	4935

AX2SQ D G2 15LM 30K 80CRI 35D FPC 120 2SQD CD WET, 3000K LEDs, input watts: 17.3, delivered lumens: 911, LM/W = 53, test no. PT07172820R, tested in accordance to IESNA LM-79



CP Summary

	0°	90
0°	1382	1382
5°	1334	1337
15°	1003	1019
25°	572	594
35°	215	228
45°	52	55
55°	14	14
65°	7	7
75°	2	3
85°	1	1
90	0	0

Coefficients of Utilization

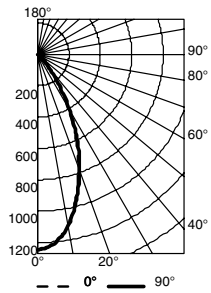
	pf	20%								
	pc	80%			70%			50%		
	pw	70%	50%	30%	50%	30%	10%	50%	30%	10%
RCR	0	119	119	119	116	116	116	111	111	111
	1	114	111	108	109	107	105	105	103	101
	2	108	103	99	102	98	95	98	95	93
	3	103	97	92	95	91	87	93	89	86
	4	98	90	85	89	84	81	87	83	80
	5	93	85	79	84	79	75	82	78	74
	6	89	80	74	79	74	70	78	73	69
	7	85	76	70	75	69	66	74	69	65
	8	81	72	66	71	65	62	70	65	61
	9	77	68	62	67	62	58	66	61	58
	10	74	64	59	64	59	55	63	58	55

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0°- 30°	671	73.8	73.8
0°- 40°	828	91.1	91.1
0°- 60°	899	99.0	99.0
0°- 90°	909	100.0	100.0
90°- 180°	0	0.0	0.0
0°- 180°	909	100.0	100.0

CONE OF LIGHT - Beam: 45.4°			LUMINANCE (cd/sq.m)	
Distance to Illuminated Plane (ft)	Footcandles Beam Center	Beam Diameter	Degrees	Average Luminance
4	86.3	3.3	45	78779
6	38.4	5.0	55	26061
8	21.6	6.7	65	16794
10	13.8	8.4	75	9556
12	9.6	10.0	85	6169

AX2SQ D G2 15LM 30K 80CRI 45D FPC 120 2SQD CD WET, 3000K LEDs, input watts: 17.3, delivered lumens: 894, LM/W = 52, test no. PT07172827R, tested in accordance to IESNA LM-79



CP Summary

	0°	90
0°	1245	1245
5°	1209	1210
15°	945	958
25°	572	591
35°	227	242
45°	49	51
55°	15	15
65°	7	7
75°	3	3
85°	1	1
90	0	0

Coefficients of Utilization

	pf	20%								
	pc	80%			70%			50%		
	pw	70%	50%	30%	50%	30%	10%	50%	30%	10%
RCR	0	119	119	119	116	116	116	111	111	111
	1	114	111	108	109	106	104	105	103	101
	2	108	103	99	101	98	95	98	95	93
	3	103	96	91	95	90	87	92	88	85
	4	97	90	84	89	84	80	87	82	79
	5	93	84	79	83	78	74	82	77	73
	6	88	79	73	79	73	69	77	72	69
	7	84	75	69	74	69	65	73	68	64
	8	80	71	65	70	64	61	69	64	60
	9	76	67	61	66	61	57	65	60	57
	10	73	63	58	63	58	54	62	57	54

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0°- 30°	643	72.1	72.1
0°- 40°	809	90.7	90.7
0°- 60°	882	98.9	98.9
0°- 90°	892	100.0	100.0
90°- 180°	0	0.0	0.0
0°- 180°	892	100.0	100.0

CONE OF LIGHT - Beam: 48.4°			LUMINANCE (cd/sq.m)	
Distance to Illuminated Plane (ft)	Footcandles Beam Center	Beam Diameter	Degrees	Average Luminance
4	77.8	3.6	45	74216
6	34.6	5.4	55	27186
8	19.4	7.2	65	18066
10	12.4	9.0	75	10803
12	8.6	10.8	85	6169

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

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