

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

Reflector .040" aluminum reflector in painted white, clear specular, black specular, clear diffuse, or wheat diffuse finish provides 50° cut-off.

Trims Style Self Flanged and Flangeless styles are available • 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 new construction fixture meets energy code Air Leakage requirements per ASTM E283 • ENERGY STAR® certified with select trims and housings • Can be used to comply with Title 24, Part 6 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) • Centerline indicators on plaster frame and patented (US Patent 8,277,090) Tru-Line™ Platform featuring +/- 1/2" translation aids fixture alignment after installation, prior to drywall.

Wiring ICAT housing includes (2) 1/2" knockouts in access plate, and is compatible with rigid conduit and flexible supply • Non-IC housings include (2) 1/2" knockouts with pry-out slots in junction box and are compatible with flexible electrical supply only • All housings supplied with quick connect electrical connectors.

Ceiling Thickness 1/2" – 1 1/2" ceiling

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.



2" LED RECESSED DOWNLIGHT

800/1200/1500 LUMEN

ROUND PARABOLIC DOWNLIGHT TRIM

NEW CONSTRUCTION

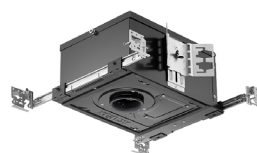
AX2 D/AX2 A with 2DP Trim



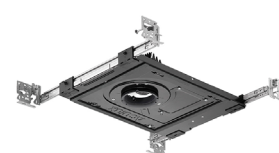
Self-Flanged



Flangeless



AX2 ICAT



AX2

Warranty 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: AX2 D G2 08LM 30K 80CRI 24D FPC 120 2DP CD SF

HOUSING OPTIONS

Series / Housing Style	Lumens	CCT	CRI	Beam	Driver	Voltage ²	Options
AX2 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
AX2 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 (120-277)	NLIGHT ³ nLight dimming pack controls (Must mount remotely)
	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
2DP Parabolic Downlight	BS Black Specular CD Clear Diffuse CS Clear Specular W White Paint WTD Wheat Diffuse	SF Self-flange - same finish as reflector WHSF White painted self-flange FM ⁴ Flangeless	WET Wet location	Self-Flanged & Flangeless Wood/Stone/Tile ----- Ceiling < .75" CTA2/120 Ceiling 0.75" - 1.20" CTA2/150 Ceiling 1.20" - 1.5" Flangeless Gypsum FMA2/075 Ceiling < .75" FMA2/120 Ceiling 0.75" - 1.20" FMA2/150 Ceiling 1.20" - 1.50"

NOTES

Ordering Notes

- 90CRI available on 27K and 30K only
1. nLight compatible with ZT only
- MVOLT standard on ZT. 120 standard on FPC
- Flangeless trims in drywall ceilings must specify ceiling installation (FMA2)

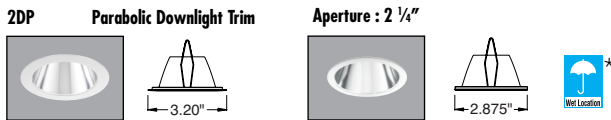
2" LED RECESSED DOWNLIGHT

800/1200/1500 LUMEN

ROUND PARABOLIC DOWNLIGHT TRIM NEW CONSTRUCTION

AX2 D/AX2 A with 2DP Trim

TRIM SELECTION

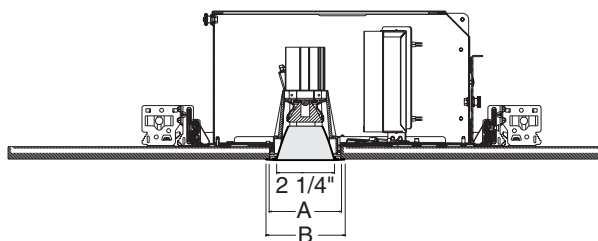
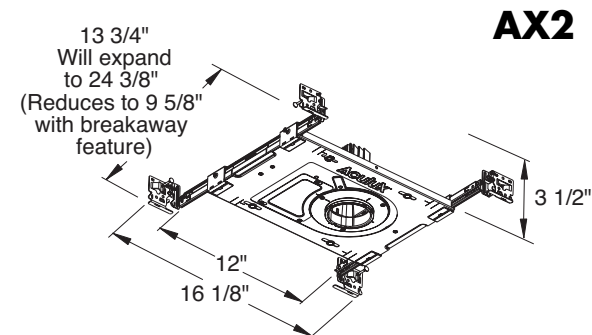
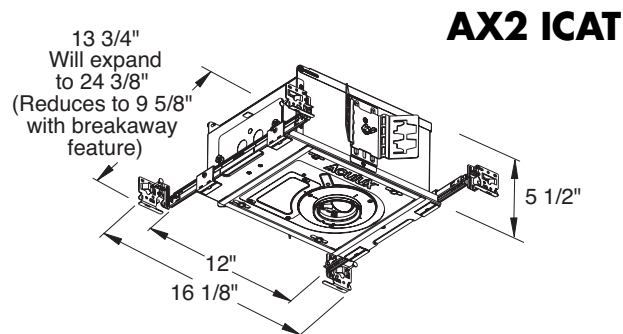


	CCT/CRI:	80CRI 27K, 30K, 35K, 40K 90CRI 27K, 30K
	Optic:	15D, 24D, 35D, 45D
	Trim Finish:	CS, CD, WTD, W

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

DIMENSIONS

NEW CONSTRUCTION



Trim Style	Cutout Size (A)	Trim O.D. (B)
Self Flanged Trims	2-7/8"	3.20"
Flangeless Trims (Solid Ceiling)	2-7/8"	2.875"
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)
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

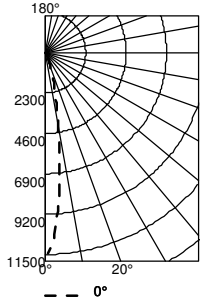
Desired FWHM	Primary Optic	Film	Desired FWHM	Primary Optic	Film
15°	15D	-	45°	45D	-
20°	15D	AF2/10	50°	15D	AF2/40
24°	24D	-	55°	15D	AF2/50
30°	15D	AF2/20	60°	15D	AF2/60
35°	35D	-	60°x20°	15D	AF2/90x1
40°	15D	AF2/30			

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

2" LED RECESSED**DOWNLIGHT****800/1200/1500 LUMEN**

ROUND PARABOLIC DOWNLIGHT TRIM NEW CONSTRUCTION

AX2 D/AX2 A with 2DP Trim**PHOTOMETRICS****AX2 D 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

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

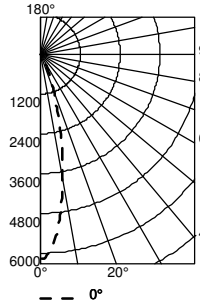
Coefficients of Utilization

pf	pc	20°		
		80%	70%	50%
RCR	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 D 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

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

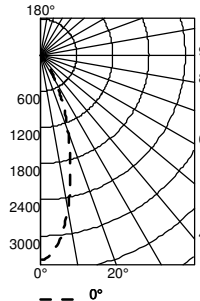
Coefficients of Utilization

pf	pc	20°		
		80%	70%	50%
RCR	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 D 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

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

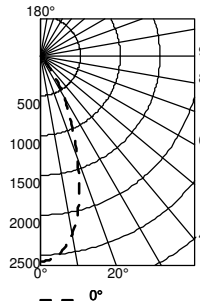
Coefficients of Utilization

pf	pc	20°		
		80%	70%	50%
RCR	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 D 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

0°	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

pf	pc	20°		
		80%	70%	50%
RCR	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

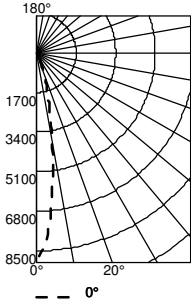
Color Temperature	CRI	Multiplier
2700K	80	0.95
3000K	80	1.00
3500K	80	1.05
4000K	80	1.10

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 RECESSED**DOWNLIGHT****800/1200/1500 LUMEN****ROUND PARABOLIC DOWNLIGHT TRIM NEW CONSTRUCTION
AX2 D/AX2 A with 2DP Trim and WET Option****PHOTOMETRICS**

AX2 D 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

0°
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

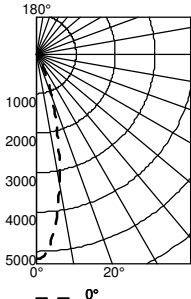
pc	20°			50%	10%	50%	30%	10%	50%	30%	10%
	80%	70%	50%								
0	119	119	119	116	116	116	111	111	111	111	111
1	115	113	111	111	109	108	107	106	105	105	105
2	112	108	105	106	104	102	103	101	99	99	99
3	108	104	100	102	99	97	100	97	95	95	95
4	105	100	96	99	95	93	97	94	91	91	91
5	102	96	92	95	92	89	94	91	88	88	88
6	99	93	89	93	89	86	91	88	85	85	85
7	97	90	86	90	86	83	89	85	83	83	83
8	94	88	84	87	84	81	86	83	81	81	81
9	92	85	81	85	81	79	84	81	78	78	78
10	90	83	79	83	79	77	82	79	77	77	77

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°			LUMINANCE (cd/sq.m)	
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 D 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

0°
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

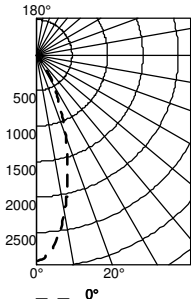
pc	20°			50%	10%	50%	30%	10%	50%	30%	10%
	80%	70%	50%								
0	119	119	119	116	116	116	111	111	111	111	111
1	115	113	111	111	109	107	107	105	104	104	104
2	111	107	104	106	103	100	102	100	98	98	98
3	107	102	99	101	98	95	99	96	93	93	93
4	104	98	94	97	93	90	95	92	89	89	89
5	100	94	90	93	89	86	92	88	86	86	86
6	97	91	86	90	86	83	89	85	82	82	82
7	94	88	83	87	83	80	86	82	80	80	80
8	91	85	80	84	80	77	83	79	77	77	77
9	89	82	78	81	77	75	81	77	74	74	74
10	86	79	75	79	75	72	78	75	72	72	72

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°			LUMINANCE (cd/sq.m)	
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 D 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

0°
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

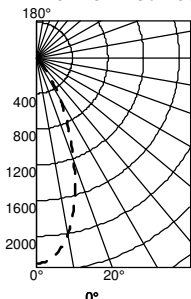
pc	20°			50%	10%	50%	30%	10%	50%	30%	10%
	80%	70%	50%								
0	119	119	119	116	116	116	111	111	111	111	111
1	114	112	110	110	108	106	106	104	103	103	103
2	110	105	102	104	101	98	101	98	96	96	96
3	105	100	95	98	94	91	96	92	90	90	90
4	101	94	90	93	89	86	91	88	85	85	85
5	97	90	85	89	84	81	87	83	80	80	80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

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°			LUMINANCE (cd/sq.m)	
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 D 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

0°
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°			50%	10%	50%	30%	10%	50%	30%	10%
	80%	70%	50%								
0	119	119	119	116	116	116	111	111	111	111	111
1	114	112	109	109	107	106	105	104	102	102	102
2	109	105	101	103	100	97	100	97	95	95	95
3	105	99	94	98	93	90	95	92	89	89	89
4	100	93	89	92	88	84	90	86	83	83	83
5	96	88	83	88	83	79	86	82	78	78	78
6	92	84	79	83	78	75	82	77	74	74	74
7	88	80	74	79	74	71	78	73	70	70	70
8	84	76	71	75	70	67	74	70	67	67	67
9	81	72	67	72	67	64	71	67	63	63	63
10	78	69	64	69	64	61	68	64	60	60	60

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°			LUMINANCE (cd/sq.m)	
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