

PRODUCT SPECIFICATIONS

LED Light Engine Consistent fixture to fixture color within 3-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 12° Spot, 24° Narrow Flood, 35° Flood and 50° wide flood field interchangeable optics • Additional distributions of 20°, 30°, 40°, 45° and 60° FWHM can be achieved with the use of the diffusing films and spot primary optic • Patented (US Patent 8,950,911) auto-adjusting optic holder maximizes luminaire efficiency by maintaining optimal LED optic position • Accommodates up to two (2) additional beam control lenses and/or filters.

Adjustability 370° rotation, 35° tilt hot aiming with locking
 • Optimized optics translates light engine forward as it is aimed off nadir, ensuring maximum light and low brightness • Black aiming mechanism preserves dark aperture.

Trims Style Trim Ring and Self Flanged reflectors utilize torsion spring retention for tight, secure fit to ceiling • Trim ring features beveled knife edge for clean ceiling interface • Self Flanged reflectors with polished or optional white painted flange.

LED Driver Six (6) driver options available to accommodate 120-277V input and multiple control protocols • For a list of compatible dimmers, refer to [ACLXLED3-DIM](#) • Power Factor > 0.9 • Field replaceable from below or above ceiling.

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

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

Codes/Labels UL and cUL listed for damp locations and wet locations with certain trims • Union made.

Patented (US Patent 7,191,993) "Push-Pull" Cable System
 Allows rapid installation without tools or loose parts • Housing accommodates ceiling thickness from 3/8" to 2" without altering photometrics • Fits 2 x 6 construction.

Junction Box Includes (5) 1/2" and (4) Non-metallic sheathed cable knock-outs
 • Push-in electrical connectors for field connections.

**3" LED UNIVERSAL RECESSED
 ADJUSTABLE/DOWNLIGHT/WALL WASH
 800/1200 LUMEN
 ROUND APERTURE REMODEL
 AX3 AR**



AX3 AR

Housing/Mounting Frame Galvanized steel plaster frame
 • Housing is black for visually dark interior • Packaged for ease of rapid installation.

Specifications subject to change without notice.

ORDERING INFORMATION

Example: AX3 AR 08LM 30K 80CRI 24D FPC 120 3ABV BS WHSF

HOUSING OPTIONS

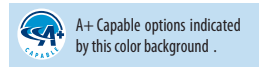
Series / Housing Style	Lumens	CCT	CRI	Beam	Driver	Voltage	Options
AX3 AR Remodel Universal ADJ/DL/WW	08LM 800 Lumens	27K 2700K	80CRI	12D 12° beam	EZ1 eldoLED 0-10V, 1% dim	120' MVOLT ² (120-277)	CP Chicago Plenum
	12LM 1200 Lumens	30K 3000K	90CRI	24D 24° beam	EZB eldoLED 0-10V, <1% dim		NLIGHT ³ nlight dimming pack controls
		35K 3500K		35D 35° beam	FPC Phase cut dimming, 5% dim		
		40K 4000K		50D 50° beam	ECOS2 Lutron Hi-Lume A series 2-wire forward phase, 1% dim		
					ECOS3 Lutron Hi-Lume A series 3-wire with EcoSystem, 1% dim		
					DALI DALI Driver, 1% dim		

TRIM OPTIONS

Trim Style	Reflector Finish	Flange Style / Finish	Environment
<i>ADJUSTABLE ACCENT</i>	<i>DOWNLIGHT</i>	<i>FLANGED</i>	<i>WET</i> Wet location
3AC ⁶ Angle-Cut Reflector 45°	3DP ⁶ Parabolic Downlight Trim	ABZR Aged Bronze Trim	
3ASLOT ⁶ Slot Cut Reflector 45°	3DH ⁶ Hyperbolic Downlight Trim	BLSF Self Flanged, Black painted flange	
3AC20 ⁶ Shallow Angle-Cut Reflector 20°	3DBAF ⁴ Baffle Downlight Trim	SCR Satin Chrome Trim	
3ABAF ⁴ Angle-Cut Baffle	3DBV ⁵ Downlight Bevel	SF Self Flanged (same finish as reflector)	
3ABV ⁵ Adjustable Bevel	3DPIN ⁷ Downlight Pinhole, 1 1/4"	WHR White Trim	
3APIN ⁷ Adjustable Pinhole, 1 1/4"		WHSF Self Flanged, White painted flange	
3APINLG ⁷ Adjustable Pinhole, 1 3/4"	<i>WALL WASH</i>		
3AOVAL ⁵ Adjustable Slot Pinhole	3WW ⁶ Wall Wash		

NOTES

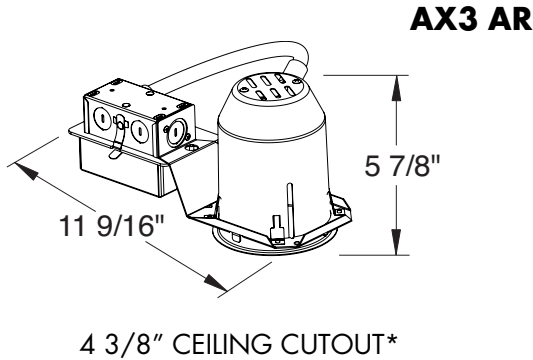
Ordering Notes	
¹ 120 required for FPC or ECOS2.	⁴ Available with B, W, ABZR, WHR, SCR only.
² MVOLT required for EZ1, EZB, ECOS3, DALI.	⁵ Available with BS, BLSF, WHSF only.
³ NLIGHT available with EZ1 and EZB only.	⁶ Not available with BLSF.
⁷ Available with BS, ABZR, BLSF, SCR, WHSF only.	



3" LED UNIVERSAL RECESSED ADJUSTABLE/DOWNLIGHT/WALL WASH 800/1200 LUMEN ROUND APERTURE REMODEL AX3 AR

DIMENSIONS

REMODEL



ELECTRICAL DATA

Lumen Package	800		1200	
Voltage	120	277	120	277
Input Power	9.6W	9.7W	15.1W	15.3W
Input Current	0.08	0.04	0.13	0.06
Frequency	50/60Hz		50/60Hz	
Power Factor	>0.9	>0.9	>0.9	>0.9

LUMEN OUTPUT MULTIPLIERS

Color Temperature	CRI	Multiplier	Lumen Package	Multiplier
2700K	80	0.95	800	0.65
3000K	80	1.00	1200	1.00
3500K	80	1.05		
4000K	80	1.10		
2700K	90	0.83		
3000K	90	0.87		

ACCESSORIES

Cat. #	Description
3AXOPT/12D	12° Spot Optic
3AXOPT/24D	24° Narrow Flood Optic
3AXOPT/35D	35° Flood Optic
3AXOPT/50D	50° Wide Flood Optic
AF3/10	10° Diffusing Film (Use with Spot Optic)
AF3/20	20° Diffusing Film (Use with Spot Optic)
AF3/30	30° Diffusing Film (Use with Spot Optic)
AF3/40	40° Diffusing Film (Use with Spot Optic)
AF3/50	50° Diffusing Film (Use with Spot Optic)
AF3/60x1	60°x1° Film (Use with Spot Optic)
CGF 200 MPINK	Med. Pink Color Filter
CGF 200 WRED	Warm Red Color Filter
CGF 200 DLTBLUE	Daylight Blue Color Filter
CGF 200 MBLU	Med. Blue Color Filter
CGF 200 MAMB	Med. Amber Color Filter
CGF 200 MGRN	Med. Green Color Filter
DGF 200 DRED	Red Dichroic Lens
DGF 200 MGRN	Med. Green Dichroic Lens
DGF 200 MBLU	Med. Blue Dichroic Lens
DGF 200 DYEL	Yellow Dichroic Lens
DGF 200 MAGEN	Magenta Dichroic Lens
DGF 200 CYAN	Blue Green Dichroic Lens
DCCF 200 HL4250	Daylight Blue Correction Lens
DIFF 200	Diffuse Spread Lens
SOLITE 200	Uniformity Lens
UVF 200	UV Filter Lens
PRISM 200	Prismatic Lens
LSPREAD 200	Linear Spread Lens
HCLBL 200	Hexcell Louver
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
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 the diffusing film from the table below

Desired FWHM	Primary Optic	Film
12°	12D	-
20°	12D	AF3/10
24°	24D	-
30°	12D	AF3/20
35°	35D	-
40°	12D	AF3/30
45°	12D	AF3/40
50°	50D	-
60°	12D	AF3/50
20°x60°	12D	AF3/60x1

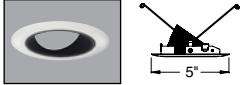
* For best results, a hole saw is recommended

3" LED UNIVERSAL RECESSED ADJUSTABLE/DOWNLIGHT/WALL WASH 800/1200 LUMEN ROUND APERTURE REMODEL AX3 AR

TRIM SELECTION

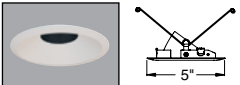
ADJUSTABLE ACCENT

3ABAF Angle-Cut Baffle Aperture: 3 1/4"



Trim Ring

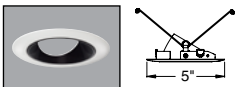
3ABV Adjustable Bevel Aperture: 1 3/4"



Trim Ring



3AC Angle-Cut Reflector, 45° Aperture: 3 1/4"



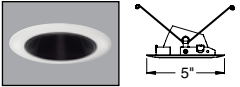
Trim Ring



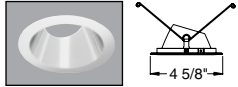
Self-Flanged



3AC20 Shallow Angle-Cut Reflector, 20° Aperture: 3 1/4"

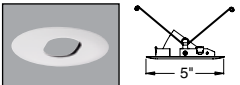


Trim Ring



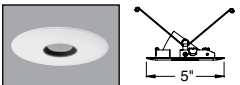
Self-Flanged

3AOVAL Adjustable Slot Pinhole Aperture: 1 3/4" x 2 1/2"



Trim Ring

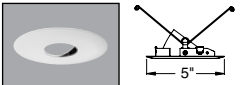
3APIN Adjustable Pinhole Aperture: 1 1/4"



Trim Ring

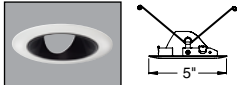


3APINLG Adjustable Pinhole, 1 3/4" Aperture: 1 3/4"

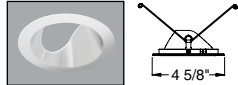


Trim Ring

3ASLOT Slot Cut Reflector, 45° Aperture: 3 1/4"



Trim Ring



Self-Flanged

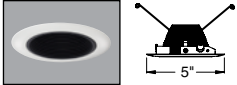
* With WET option

3" LED UNIVERSAL RECESSED ADJUSTABLE/DOWNLIGHT/WALL WASH 800/1200 LUMEN ROUND APERTURE REMODEL AX3 AR

TRIM SELECTION (continued)

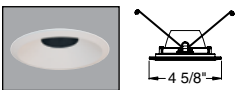
ADJUSTABLE ACCENT

3DBAF Baffle Downlight Trim Aperture: 3 1/4"



Trim Ring

3DBV Downlight Bevel Aperture: 1 3/4"



Trim Ring



3DH Hyperbolic Downlight Trim Aperture: 3 1/4"



Trim Ring

Self-Flanged

3DP Parabolic Downlight Trim Aperture: 3 1/4"

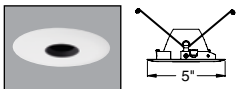


Trim Ring

Self-Flanged



3DPIN Downlight Pinhole Aperture: 1 1/4"



Trim Ring



WALL WASH

3WW Lensed Wall Wash Aperture: 3 1/4"



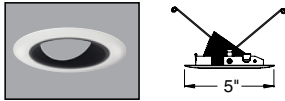
Trim Ring

Self-Flanged



* With WET option

3ABAF Angle-Cut Baffle



Trim Ring

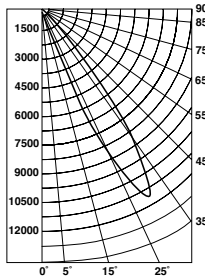
3" LED UNIVERSAL RECESSED ADJUSTABLE/DOWNLIGHT/WALL WASH 800/1200 LUMEN ANGLE-CUT BAFFLE 3ABAF Trim

PHOTOMETRICS

**SPOT
PHOTOMETRIC REPORT**

Test Report: PT04152502R
Catalog No: AX3 AR 12LM 30K
80CRI 12D FPC 120
3ABAF W
(Aim at 30°)

Watts: 14.8
Lumens: 1095
Luminaire LPW: 74



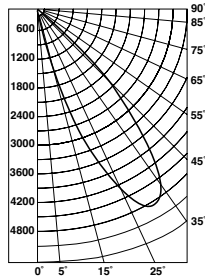
**Candlepower
Distribution
(Candelas)**

Degrees	Vertical Candela
0°	77
5°	176
10°	360
15°	1183
20°	3568
25°	8398
30°	11561
35°	8548
40°	3662
45°	1114
50°	191
55°	37
60°	7
65°	2
70°	1
75°	1
80°	1
85°	0
90°	0

**NARROW FLOOD
PHOTOMETRIC REPORT**

Test Report: PT04152702R
Catalog No: AX3 AR 12LM 30K
80CRI 24D FPC 120
3ABAF W
(Aim at 30°)

Watts: 14.8
Lumens: 1120
Luminaire LPW: 76



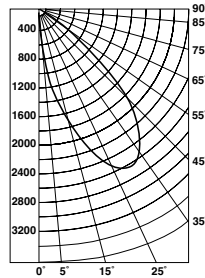
**Candlepower
Distribution
(Candelas)**

Degrees	Vertical Candela
0°	160
5°	299
10°	544
15°	1386
20°	3012
25°	4318
30°	4878
35°	4645
40°	3713
45°	2213
50°	551
55°	83
60°	33
65°	3
70°	2
75°	2
80°	1
85°	1
90°	0

**FLOOD
PHOTOMETRIC REPORT**

Test Report: PT04152802R
Catalog No: AX3 AR 12LM 30K
80CRI 35D FPC 120
3ABAF W
(Aim at 30°)

Watts: 14.8
Lumens: 1156
Luminaire LPW: 78



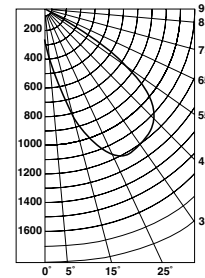
**Candlepower
Distribution
(Candelas)**

Degrees	Vertical Candela
0°	273
5°	658
10°	1169
15°	1772
20°	2255
25°	2522
30°	2631
35°	2536
40°	2278
45°	1849
50°	1097
55°	605
60°	291
65°	3
70°	2
75°	1
80°	1
85°	0
90°	0

**WIDE FLOOD
PHOTOMETRIC REPORT**

Test Report: PT04152902R
Catalog No: AX3 AR 50LM 30K
80CRI 12D FPC 120
3ABAF W
(Aim at 30°)

Watts: 14.8
Lumens: 962
Luminaire LPW: 65

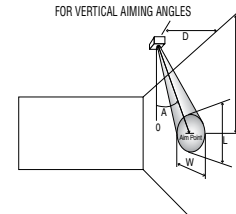
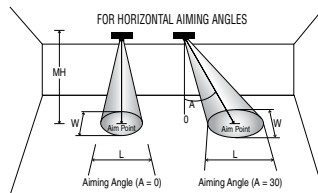


**Candlepower
Distribution
(Candelas)**

Degrees	Vertical Candela
0°	287
5°	417
10°	605
15°	844
20°	1060
25°	1185
30°	1221
35°	1210
40°	1186
45°	1149
50°	1059
55°	760
60°	356
65°	10
70°	5
75°	4
80°	3
85°	1
90°	0

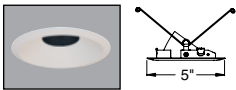
CBCP • Centerbeam candlepower
FC • Footcandles at beam center (aim point)

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°).



Beam Type	Beam Spread°	CBCP	0°			30°			30°			45°						
			MH	FC	L	W	FC	L	W	D	FC	X	L	W	FC	X	L	W
SP	12°	11561	6	321	1.6	1.6	209	2.1	1.8	3	161	5.2	3.4	1.6	454	3.0	1.6	1.1
			8	181	2.1	2.1	117	2.8	2.4	4	90	6.9	4.5	2.1	255	4.0	2.2	1.5
			10	116	2.7	2.7	75	3.6	3.1	5	58	8.7	5.6	2.7	163	5.0	2.7	1.9
			12	80	3.2	3.2	52	4.3	3.7	6	40	10.4	6.7	3.2	114	6.0	3.2	2.2
			14	59	3.7	3.7	38	5.0	4.3	7	29	12.1	7.8	3.7	83	7.0	3.8	2.6
NFL	24°	4878	4	305	1.9	1.9	198	2.5	2.1	2	152	3.5	4.4	1.9	431	2.0	2.0	1.3
			6	136	2.8	2.8	88	3.8	3.2	3	68	5.2	6.6	2.8	192	3.0	2.9	2.0
			8	76	3.7	3.7	50	5.0	4.3	4	38	6.9	8.8	3.7	108	4.0	3.9	2.6
FL	35°	2631	4	164	2.7	2.7	107	3.8	3.2	2	82	3.5	8.4	2.7	233	2.0	3.1	1.9
			6	73	4.1	4.1	47	5.7	4.7	3	37	5.2	12.7	4.1	103	3.0	4.7	2.9
			8	41	5.5	5.5	27	7.6	6.3	4	21	6.9	16.9	5.5	58	4.0	6.2	3.9
WFL	50°	1221	4	26	6.8	6.8	17	9.5	7.9	5	13	8.7	21.1	6.8	37	5.0	7.8	4.8
			6	18	8.2	8.2	12	11.4	9.5	6	9	10.4	25.3	8.2	26	6.0	9.3	5.8
			8	19	7.0	7.0	12	9.9	8.0	4	10	6.9	32.1	7.0	27	4.0	8.6	4.9
			10	12	8.7	8.7	8	12.4	10.0	5	6	8.7	40.2	8.7	17	5.0	10.7	6.1
			12	8	10.4	10.4	6	14.8	12.0	6	4	10.4	48.2	10.4	12	6.0	12.9	7.4

3ABV Adjustable Bevel



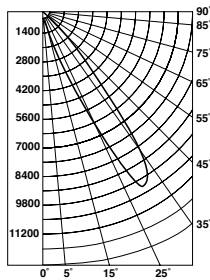
Trim Ring

3" LED UNIVERSAL RECESSED ADJUSTABLE/DOWNLIGHT/WALL WASH 800/1200 LUMEN ADJUSTABLE BEVEL 3ABV Trim

PHOTOMETRICS

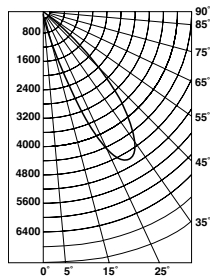
SPOT
PHOTOMETRIC REPORT
Test Report: PT04152505R
Catalog No: AX3 AR 12LM 30K
80CRI 12D FPC 120
3ABV
(Aim at 30°)
Watts: 14.8
Lumens: 934
Luminaire LPW: 63

Candlepower Distribution (Candelas)	
Degrees	Vertical Candela
0°	21
5°	43
10°	179
15°	756
20°	2618
25°	6689
30°	10074
35°	8606
40°	4052
45°	1148
50°	235
55°	47
60°	8
65°	2
70°	0
75°	0
80°	0
85°	0
90°	0



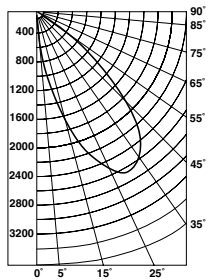
NARROW FLOOD
PHOTOMETRIC REPORT
Test Report: PT04152705R
Catalog No: AX3 AR 12LM 30K
80CRI 24D FPC 120
3ABV
(Aim at 30°)
Watts: 14.8
Lumens: 964
Luminaire LPW: 65

Candlepower Distribution (Candelas)	
Degrees	Vertical Candela
0°	38
5°	89
10°	275
15°	1245
20°	3152
25°	4510
30°	5006
35°	4660
40°	3637
45°	2047
50°	489
55°	94
60°	40
65°	3
70°	0
75°	0
80°	0
85°	0
90°	0



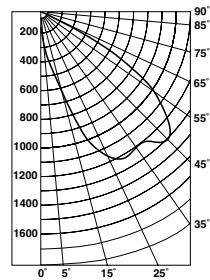
FLOOD
PHOTOMETRIC REPORT
Test Report: PT04152805R
Catalog No: AX3 AR 12LM 30K
80CRI 35D FPC 120
3ABV
(Aim at 30°)
Watts: 14.8
Lumens: 1067
Luminaire LPW: 72

Candlepower Distribution (Candelas)	
Degrees	Vertical Candela
0°	202
5°	520
10°	1023
15°	1651
20°	2224
25°	2506
30°	2616
35°	2522
40°	2267
45°	1843
50°	1137
55°	624
60°	325
65°	45
70°	0
75°	0
80°	0
85°	0
90°	0



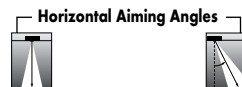
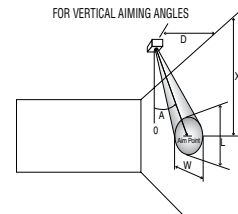
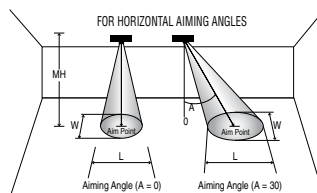
WIDE FLOOD
PHOTOMETRIC REPORT
Test Report: PT04152905R
Catalog No: AX3 AR 12LM 30K
80CRI 50D FPC 120
3ABV
(Aim at 30°)
Watts: 14.8
Lumens: 854
Luminaire LPW: 58

Candlepower Distribution (Candelas)	
Degrees	Vertical Candela
0°	182
5°	278
10°	424
15°	665
20°	961
25°	1179
30°	1239
35°	1229
40°	1247
45°	1306
50°	1235
55°	1052
60°	631
65°	132
70°	1
75°	0
80°	0
85°	0
90°	0



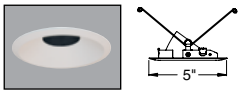
CBCP • Centerbeam candlepower
FC • Footcandles at beam center (aim point)

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°).



Beam Type	Beam Spread°	CBCP	0°			30°			30°			45°						
			MH	FC	L	W	FC	L	W	D	FC	X	L	W	FC	X	L	W
SP	12°	10074	6	280	1.6	1.6	182	2.2	1.9	3	140	5.2	3.4	1.6	396	3.0	1.6	1.1
			8	157	2.1	2.1	102	2.9	2.5	4	79	6.9	4.5	2.1	223	4.0	2.2	1.5
			10	101	2.7	2.7	65	3.6	3.1	5	50	8.7	5.7	2.7	142	5.0	2.7	1.9
			12	70	3.2	3.2	45	4.3	3.7	6	35	10.4	6.8	3.2	99	6.0	3.3	2.3
			14	51	3.8	3.8	33	5.0	4.3	7	26	12.1	8.0	3.8	73	7.0	3.8	2.7
NFL	24°	5006	4	313	1.8	1.8	203	2.4	2.1	2	156	3.5	4.3	1.8	442	2.0	1.9	1.3
			6	139	2.7	2.7	90	3.7	3.1	3	70	5.2	6.4	2.7	197	3.0	2.8	1.9
			8	78	3.6	3.6	51	4.9	4.2	4	39	6.9	8.5	3.6	111	4.0	3.8	2.5
			10	50	4.5	4.5	33	6.1	5.2	5	25	8.7	10.6	4.5	71	5.0	4.7	3.2
FL	35°	2616	4	164	2.7	2.7	106	3.7	3.1	2	82	3.5	8.0	2.7	231	2.0	3.0	1.9
			6	73	4.0	4.0	47	5.5	4.6	3	36	5.2	12.0	4.0	103	3.0	4.5	2.8
			8	41	5.3	5.3	27	7.4	6.1	4	20	6.9	15.9	5.3	58	4.0	6.0	3.8
			10	26	6.7	6.7	17	9.2	7.7	5	13	8.7	19.9	6.7	37	5.0	7.5	4.7
WFL	50°	1306	4	82	3.3	3.3	53	4.7	3.8	2	41	3.5	13.6	3.3	115	2.0	4.0	2.3
			6	36	5.0	5.0	24	7.0	5.7	3	18	5.2	20.3	5.0	51	3.0	3.0	3.5
			8	20	6.6	6.6	13	9.3	7.6	4	10	6.9	27.1	6.6	29	4.0	8.0	4.7
			10	13	8.3	8.3	8	11.7	9.5	5	7	8.7	33.9	8.3	18	5.0	10.0	5.8
			12	9	9.9	9.9	6	14.0	11.5	6	5	10.4	40.7	9.9	13	6.0	12.0	7.0

3ABV Adjustable Bevel



Trim Ring

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

ADJUSTABLE BEVEL

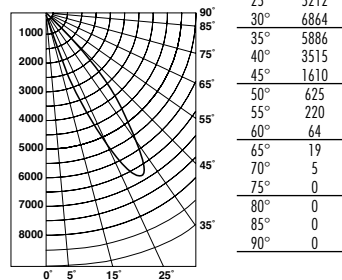
3ABV Trim with WET option

PHOTOMETRICS

SPOT PHOTOMETRIC REPORT

Test Report: PTO4152507R
Catalog No: AX3 AR 12LM 30K
80CRI 12D FPC 120
3ABV WET
(Aim at 30°)

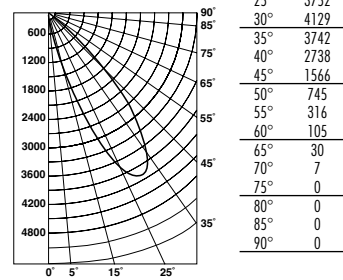
Watts: 14.8
Lumens: 836
Luminaire LPW: 56



NARROW FLOOD PHOTOMETRIC REPORT

Test Report: PTO4152707R
Catalog No: AX3 AR 12LM 30K
80CRI 24D FPC 120
3ABV WET
(Aim at 30°)

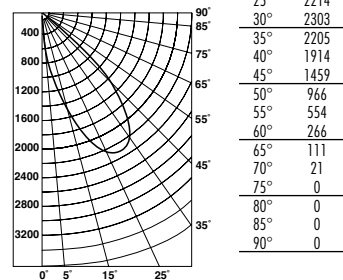
Watts: 14.8
Lumens: 880
Luminaire LPW: 59



FLOOD PHOTOMETRIC REPORT

Test Report: PTO4152807R
Catalog No: AX3 AR 12LM 30K
80CRI 35D FPC 120
3ABV WET
(Aim at 30°)

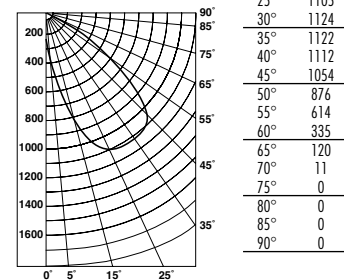
Watts: 14.8
Lumens: 965
Luminaire LPW: 65



WIDE FLOOD PHOTOMETRIC REPORT

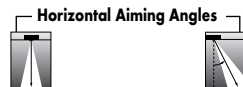
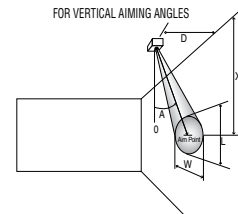
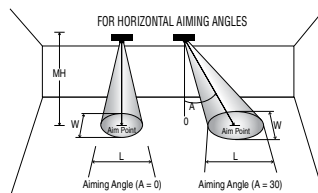
Test Report: PTO4152907R
Catalog No: AX3 AR 12LM 30K
80CRI 50D FPC 120
3ABV WET
(Aim at 30°)

Watts: 14.8
Lumens: 780
Luminaire LPW: 53



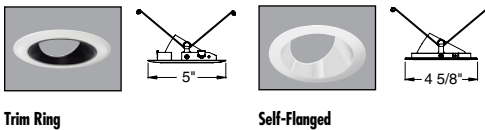
CBCP • Centerbeam candlepower
FC • Footcandles at beam center (aim point)

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°).



Beam Type	Beam Spread °	CBCP	0°			30°			30°			45°		
			MH	FC	L W	FC	L W	D	FC	X L W	FC	X L W		
SP	12°	6864	6	191	1.8 1.8	124	2.4 2.0	3	95	5.2 3.8 1.8	270	3.0 1.8 1.3		
			8	107	2.4 2.4	70	3.2 2.7	4	54	6.9 5.1 2.4	152	4.0 2.4 1.7		
			10	69	3.0 3.0	45	4.0 3.4	5	34	8.7 6.3 3.0	97	5.0 3.0 2.1		
			12	48	3.5 3.5	31	4.8 4.1	6	24	10.4 7.6 3.5	67	6.0 3.6 2.5		
			14	35	4.1 4.1	23	5.6 4.8	7	18	12.1 8.8 4.1	50	7.0 4.2 2.9		
NFL	24°	4129	4	258	1.8 1.8	168	2.4 2.1	2	129	3.5 4.2 1.8	365	2.0 1.9 1.3		
			6	115	2.7 2.7	74	3.6 3.1	3	57	5.2 6.3 2.7	162	3.0 2.8 1.9		
			8	65	3.6 3.6	42	4.8 4.1	4	32	6.9 8.4 3.6	91	4.0 3.7 2.5		
			10	41	4.5 4.5	27	6.0 5.1	5	21	8.7 10.5 4.5	58	5.0 4.7 3.1		
FL	35°	2303	12	29	5.3 5.3	19	7.2 6.2	6	14	10.4 12.6 5.3	41	6.0 5.6 3.8		
			4	144	2.6 2.6	93	3.9 3.0	2	72	3.5 7.7 2.6	204	2.0 2.9 1.9		
			6	64	3.9 3.9	42	5.4 4.5	3	32	5.2 11.6 3.9	90	3.0 4.4 2.8		
			8	36	5.2 5.2	23	7.3 6.1	4	18	6.9 15.5 5.2	51	4.0 5.9 3.7		
WFL	50°	1124	10	23	6.6 6.6	15	9.1 7.6	5	12	8.7 19.4 6.6	33	5.0 7.3 4.6		
			12	16	7.9 7.9	10	10.9 9.1	6	8	10.4 23.2 7.9	23	6.0 8.8 5.6		
			4	70	3.4 3.4	46	4.9 4.0	2	35	3.5 15.5 3.4	99	2.0 4.2 2.4		
			6	31	5.2 5.2	20	7.3 6.0	3	16	5.2 23.3 5.2	44	3.0 6.3 3.7		
			8	18	6.9 6.9	11	9.8 8.0	4	9	6.9 31.1 6.9	25	4.0 8.5 4.9		
			10	11	8.6 8.6	7	12.2 9.9	5	6	8.7 38.8 8.6	16	5.0 10.6 6.1		
			12	8	10.3 10.3	5	14.7 11.9	6	4	10.4 46.6 10.3	11	6.0 12.7 7.3		

3AC Angle-Cut Reflector, 45°



3" LED UNIVERSAL RECESSED ADJUSTABLE/DOWNLIGHT/WALL WASH 800/1200 LUMEN ANGLE-CUT REFLECTOR 3AC Trim

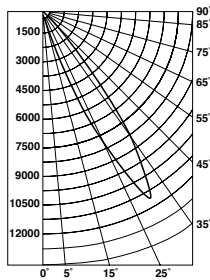
PHOTOMETRICS

SPOT

PHOTOMETRIC REPORT
 Test Report: PT04152501R
 Catalog No: AX3 AR 12LM 30K
 80CRI 12D FPC 120
 3AC CS
 (Aim at 30°)
Watts: 14.8
Lumens: 1127
Luminaire LPW: 76

Candlepower Distribution (Candelas)

Degrees	Vertical Candela
0°	268
5°	218
10°	572
15°	1184
20°	3595
25°	8483
30°	11786
35°	8686
40°	3723
45°	1012
50°	162
55°	32
60°	4
65°	1
70°	0
75°	0
80°	0
85°	0
90°	0

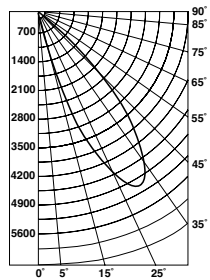


NARROW FLOOD

PHOTOMETRIC REPORT
 Test Report: PT04152701R
 Catalog No: AX3 AR 12LM 30K
 80CRI 24D FPC 120
 3AC CS
 (Aim at 30°)
Watts: 14.8
Lumens: 1170
Luminaire LPW: 79

Candlepower Distribution (Candelas)

Degrees	Vertical Candela
0°	313
5°	303
10°	537
15°	1361
20°	3025
25°	4448
30°	5011
35°	4742
40°	3768
45°	2270
50°	600
55°	87
60°	34
65°	1
70°	0
75°	0
80°	0
85°	0
90°	0

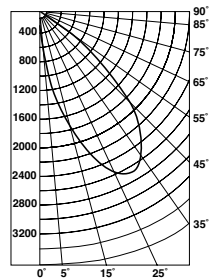


FLOOD

PHOTOMETRIC REPORT
 Test Report: PT04152801R
 Catalog No: AX3 AR 12LM 30K
 80CRI 35D FPC 120
 3AC CS
 (Aim at 30°)
Watts: 14.8
Lumens: 1181
Luminaire LPW: 80

Candlepower Distribution (Candelas)

Degrees	Vertical Candela
0°	346
5°	705
10°	1180
15°	1785
20°	2301
25°	2577
30°	2660
35°	2540
40°	2265
45°	1836
50°	1123
55°	605
60°	298
65°	4
70°	0
75°	0
80°	0
85°	0
90°	0

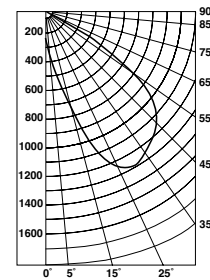


WIDE FLOOD

PHOTOMETRIC REPORT
 Test Report: PT04152901R
 Catalog No: AX3 AR 12LM 30K
 80CRI 50D FPC 120
 3AC CS
 (Aim at 30°)
Watts: 14.8
Lumens: 1046
Luminaire LPW: 71

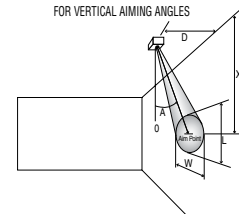
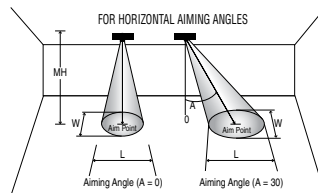
Candlepower Distribution (Candelas)

Degrees	Vertical Candela
0°	260
5°	375
10°	552
15°	788
20°	1058
25°	1240
30°	1297
35°	1265
40°	1213
45°	1163
50°	1080
55°	821
60°	410
65°	8
70°	0
75°	0
80°	0
85°	0
90°	0



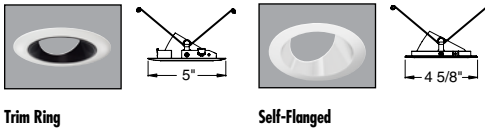
CBCP • Centerbeam candlepower
FC • Footcandles at beam center (aim point)

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°).



Beam Type	Beam Spread°	CBCP	0°				30°			30°			45°					
			MH	FC	L	W	FC	L	W	D	FC	X	L	W	FC	X	L	W
SP	12°	11786	6	327	1.6	1.6	213	2.1	1.8	3	164	5.2	3.4	1.6	463	3.0	1.6	1.1
			8	184	2.1	2.1	120	2.8	2.4	4	92	6.9	4.5	2.1	260	4.0	2.2	1.5
			10	118	2.7	2.7	77	3.6	3.1	5	59	8.7	5.6	2.7	167	5.0	2.7	1.9
			12	82	3.2	3.2	53	4.3	3.7	6	41	10.4	6.7	3.2	116	6.0	3.2	2.2
			14	60	3.7	3.7	39	5.0	4.3	7	30	12.1	7.8	3.7	85	7.0	3.8	2.6
NFL	24°	5011	4	313	1.9	1.9	203	2.5	2.1	2	157	3.5	4.4	1.8	443	2.0	1.9	1.3
			6	139	2.8	2.8	90	3.7	3.2	3	70	5.2	6.6	2.8	197	3.0	2.9	2.0
			8	78	3.7	3.7	51	5.0	4.2	4	39	6.9	8.7	3.7	111	4.0	3.9	2.6
			10	50	4.6	4.6	33	6.2	5.3	5	25	8.7	10.9	4.6	71	5.0	4.9	3.3
FL	35°	2660	4	166	2.7	2.7	108	3.8	3.2	2	83	3.5	8.4	2.7	235	2.0	3.1	1.9
			6	74	4.1	4.1	48	5.7	4.7	3	37	5.2	12.6	4.1	104	3.0	4.6	2.9
			8	42	5.5	5.5	27	7.6	6.3	4	21	6.9	16.8	5.5	59	4.0	6.2	3.9
			10	27	6.8	6.8	17	9.5	7.9	5	13	8.7	21.0	6.8	38	5.0	7.7	4.8
WFL	50°	1297	4	81	4.1	4.1	53	6.0	4.7	2	41	3.5	37.5	4.1	115	2.0	5.5	2.9
			6	36	6.1	6.1	23	8.9	7.1	3	18	5.2	56.3	6.1	51	3.0	8.3	4.3
			8	20	8.2	8.2	13	11.9	9.4	4	10	6.9	75.0	8.2	29	4.0	11.1	5.8
			10	13	10.2	10.2	8	14.9	11.8	5	6	8.7	93.8	10.2	18	5.0	13.8	7.2
			12	9	12.3	12.3	6	17.9	14.2	6	5	10.4	112.5	12.3	13	6.0	16.6	8.7

3AC Angle-Cut Reflector, 45°



Trim Ring

Self-Flanged

3" LED UNIVERSAL RECESSED ADJUSTABLE/DOWNLIGHT/WALL WASH 800/1200 LUMEN ANGLE-CUT REFLECTOR, 45° 3AC Trim with WET option

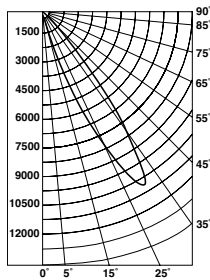
PHOTOMETRICS

**SPOT
PHOTOMETRIC REPORT**
Test Report: PT04152508R
Catalog No: AX3 AR 12LM 30K
80CRI 12D FPC 120
3AC CS WET
(Aim at 30°)

Watts: 14.8
Lumens: 1051
Luminaire LPW: 71

Candlepower Distribution (Candelas)

Degrees	Vertical Candela
0°	242
5°	239
10°	513
15°	1179
20°	3468
25°	7977
30°	10776
35°	7829
40°	3294
45°	934
50°	161
55°	31
60°	5
65°	1
70°	0
75°	0
80°	0
85°	0
90°	0

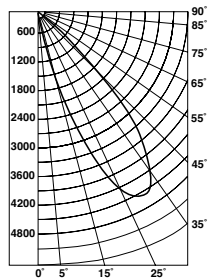


**NARROW FLOOD
PHOTOMETRIC REPORT**
Test Report: PT04152708R
Catalog No: AX3 AR 12LM 30K
80CRI 24D FPC 120
3AC CS WET
(Aim at 30°)

Watts: 14.8
Lumens: 1080
Luminaire LPW: 73

Candlepower Distribution (Candelas)

Degrees	Vertical Candela
0°	340
5°	336
10°	614
15°	1557
20°	3177
25°	4300
30°	4672
35°	4298
40°	3308
45°	1866
50°	431
55°	71
60°	27
65°	1
70°	0
75°	0
80°	0
85°	0
90°	0

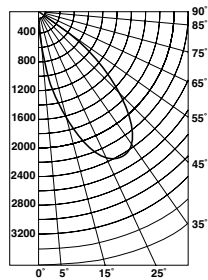


**FLOOD
PHOTOMETRIC REPORT**
Test Report: PT04152808R
Catalog No: AX3 AR 12LM 30K
80CRI 35D FPC 120
3AC CS WET
(Aim at 30°)

Watts: 14.8
Lumens: 1103
Luminaire LPW: 74

Candlepower Distribution (Candelas)

Degrees	Vertical Candela
0°	328
5°	636
10°	1101
15°	1662
20°	2138
25°	2382
30°	2461
35°	2356
40°	2105
45°	1708
50°	1054
55°	563
60°	283
65°	14
70°	0
75°	0
80°	0
85°	0
90°	0

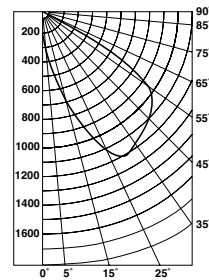


**WIDE FLOOD
PHOTOMETRIC REPORT**
Test Report: PT04152908R
Catalog No: AX3 AR 12LM 30K
80CRI 50D FPC 120
3AC CS WET
(Aim at 30°)

Watts: 14.8
Lumens: 960
Luminaire LPW: 65

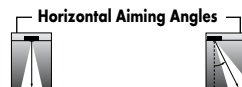
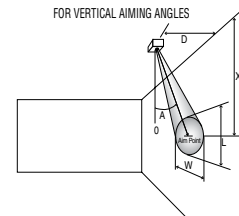
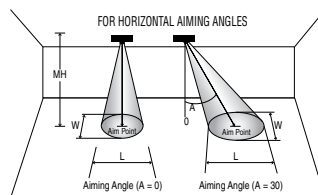
Candlepower Distribution (Candelas)

Degrees	Vertical Candela
0°	233
5°	325
10°	472
15°	692
20°	945
25°	1136
30°	1211
35°	1185
40°	1137
45°	1107
50°	1076
55°	965
60°	564
65°	75
70°	0
75°	0
80°	0
85°	0
90°	0



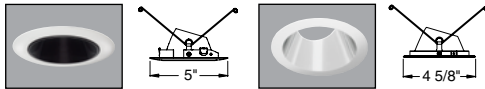
CBCP • Centerbeam candlepower
FC • Footcandles at beam center (aim point)

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°).



Beam Type	Beam Spread°	CBCP	0°				30°			30°					45°			
			MH	FC	L	W	FC	L	W	D	FC	X	L	W	FC	X	L	W
SP	12°	10776	6	299	1.6	1.6	194	2.1	1.8	3	150	5.2	3.4	1.6	423	3.0	1.6	1.1
			8	168	2.1	2.1	109	2.8	2.4	4	84	6.9	4.5	2.1	238	4.0	2.2	1.5
			10	108	2.7	2.7	70	3.6	3.1	5	54	8.7	5.6	2.7	152	5.0	2.7	1.9
			12	75	3.2	3.2	49	4.3	3.7	6	37	10.4	6.7	3.2	106	6.0	3.2	2.2
			14	55	3.7	3.7	36	5.0	4.3	7	27	12.1	7.8	3.7	78	7.0	3.8	2.6
NFL	24°	4672	4	292	1.8	1.8	190	2.5	2.1	2	146	3.5	4.4	1.8	413	2.0	2.0	1.3
			6	130	2.8	2.8	84	3.8	3.2	3	65	5.2	6.6	2.8	184	3.0	2.9	2.0
			8	73	3.7	3.7	47	5.0	4.3	4	37	6.9	8.8	3.7	103	4.0	3.9	2.6
			10	47	4.6	4.6	30	6.3	5.3	5	23	8.7	11.0	4.6	66	5.0	4.9	3.3
FL	35°	2461	4	154	2.8	2.8	100	3.8	3.2	2	77	3.5	8.6	2.8	218	2.0	3.1	1.9
			6	68	4.1	4.1	44	5.7	4.8	3	34	5.2	12.8	4.1	97	3.0	4.7	2.9
			8	38	5.5	5.5	25	7.6	6.4	4	19	6.9	17.1	5.5	54	4.0	6.3	3.9
			10	25	6.9	6.9	16	9.6	8.0	5	12	8.7	21.4	6.9	35	5.0	7.8	4.9
WFL	50°	1211	4	76	3.4	3.4	49	4.8	3.9	2	38	3.5	14.8	3.4	107	2.0	4.1	2.4
			6	34	5.1	5.1	22	7.2	5.9	3	17	5.2	22.2	5.1	48	3.0	6.2	3.6
			8	19	6.8	6.8	12	9.6	7.8	4	9	6.9	29.6	6.8	27	4.0	8.3	4.8
			10	12	8.5	8.5	8	12.0	9.8	5	6	8.7	37.0	8.5	17	5.0	10.4	6.0
			12	8	10.2	10.2	5	14.5	11.8	6	4	10.4	44.3	10.2	12	6.0	12.4	7.2

3AC20 Shallow Angle-Cut Reflector, 20°



Trim Ring

Self-Flanged

3" LED UNIVERSAL RECESSED ADJUSTABLE/DOWNLIGHT/WALL WASH 800/1200 LUMEN SHALLOW ANGLE-CUT REFLECTOR, 20° 3AC20 Trim

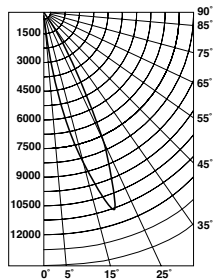
PHOTOMETRICS

SPOT

PHOTOMETRIC REPORT

Test Report: PT04152509R
Catalog No: AX3 AR 12LM 30K
80CRI 120 FPC 120
3AC20 CS
(Aim at 20°)

Watts: 14.8
Lumens: 1113
Luminaire LPW: 75



Candlepower Distribution (Candelas)

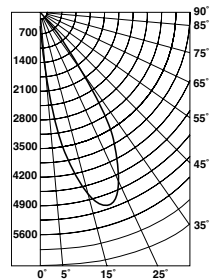
Degrees	Vertical Candela
0°	629
5°	1281
10°	3835
15°	8755
20°	11550
25°	8417
30°	3582
35°	1135
40°	258
45°	45
50°	9
55°	3
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0
90°	0

NARROW FLOOD

PHOTOMETRIC REPORT

Test Report: PT04152709R
Catalog No: AX3 AR 12LM 30K
80CRI 240 FPC 120
3AC20 CS
(Aim at 20°)

Watts: 14.8
Lumens: 1166
Luminaire LPW: 79



Candlepower Distribution (Candelas)

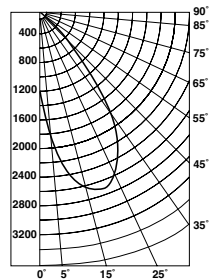
Degrees	Vertical Candela
0°	689
5°	1756
10°	3541
15°	4811
20°	5158
25°	4691
30°	3612
35°	2035
40°	752
45°	124
50°	42
55°	9
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0
90°	0

FLOOD

PHOTOMETRIC REPORT

Test Report: PT04152809R
Catalog No: AX3 AR 12LM 30K
80CRI 350 FPC 120
3AC20 CS
(Aim at 20°)

Watts: 14.8
Lumens: 1191
Luminaire LPW: 80



Candlepower Distribution (Candelas)

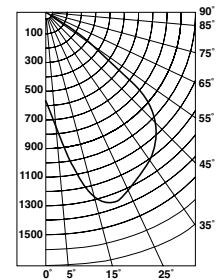
Degrees	Vertical Candela
0°	1200
5°	1814
10°	2329
15°	2637
20°	2709
25°	2580
30°	2311
35°	1892
40°	1296
45°	712
50°	344
55°	99
60°	1
65°	0
70°	0
75°	0
80°	0
85°	0
90°	0

WIDE FLOOD

PHOTOMETRIC REPORT

Test Report: PT04152909R
Catalog No: AX3 AR 12LM 30K
80CRI 500 FPC 120
3AC20 CS
(Aim at 20°)

Watts: 14.8
Lumens: 1055
Luminaire LPW: 71

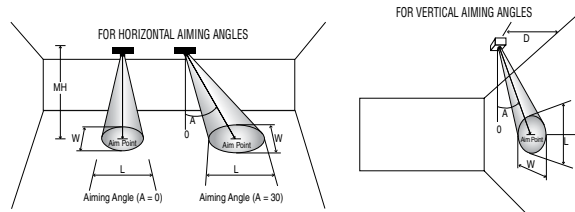


Candlepower Distribution (Candelas)

Degrees	Vertical Candela
0°	586
5°	805
10°	1073
15°	1291
20°	1362
25°	1318
30°	1262
35°	1227
40°	1183
45°	1063
50°	760
55°	382
60°	18
65°	0
70°	0
75°	0
80°	0
85°	0
90°	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



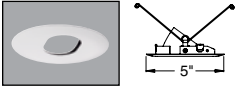
Vertical Aiming Angles



Beam Type	Beam Spread°	CBCP	0°				20°			20°				
			MH	FC	L	W	FC	L	W	D	FC	X	L	W
SP	12°	11550	6	321	1.6	1.6	266	1.9	1.7	3	51	8.2	8.1	2.4
			8	180	2.2	2.2	150	2.5	2.3	4	29	11.0	10.8	3.2
			10	116	2.7	2.7	96	3.1	2.9	5	18	13.7	13.5	4.0
			12	80	3.3	3.3	67	3.7	3.5	6	13	16.5	16.2	4.8
NFL	24°	5158	4	322	1.9	1.9	267	2.1	2.0	2	52	5.5	13.3	2.7
			6	143	2.8	2.8	119	3.2	3.0	3	23	8.2	20.0	4.1
			8	81	3.7	3.7	67	4.2	3.9	4	13	11.0	26.7	5.4
			10	52	4.6	4.6	43	5.3	4.9	5	8	13.7	33.3	6.8
FL	35°	2709	12	36	5.6	5.6	30	6.3	5.9	6	6	16.5	40.0	8.1
			4	169	2.8	2.8	140	3.2	3.0	2	27	5.5	132.3	4.1
			6	75	4.2	4.2	62	4.8	4.4	3	12	8.2	198.5	6.1
			8	42	5.6	5.6	35	6.4	5.9	4	7	11.0	264.7	8.1
WFL	50°	1362	10	27	6.9	6.9	22	8.0	7.4	5	4	13.7	330.9	10.2
			12	19	8.3	8.3	16	9.6	8.9	6	3	16.5	397.0	12.2
			4	169	2.8	2.8	140	3.2	3.0	2	27	5.5	132.3	4.1
			6	75	4.2	4.2	62	4.8	4.4	3	12	8.2	198.5	6.1
			8	42	5.6	5.6	35	6.4	5.9	4	7	11.0	264.7	8.1
			10	27	6.9	6.9	22	8.0	7.4	5	4	13.7	330.9	10.2
			12	19	8.3	8.3	16	9.6	8.9	6	3	16.5	397.0	12.2
			6	3	16.5	397.0	12.2							

3" LED UNIVERSAL RECESSED ADJUSTABLE/DOWNLIGHT/WALL WASH 800/1200 LUMEN ADJUSTABLE SLOT PINHOLE 3AOVAL Trim

3AOVAL Adjustable Slot Pinhole



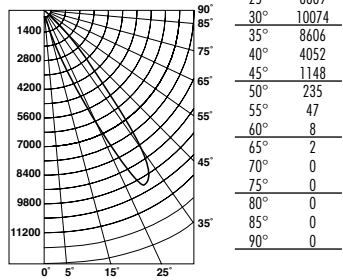
Trim Ring

PHOTOMETRICS

SPOT PHOTOMETRIC REPORT

Test Report: PTO4152505R
Catalog No: AX3 AR 12LM 30K
80CRI 12D FPC 120
3AOVAL
(Aim at 30°)

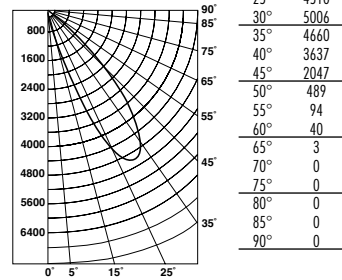
Watts: 14.8
Lumens: 934
Luminaire LPW: 63



NARROW FLOOD PHOTOMETRIC REPORT

Test Report: PTO4152705R
Catalog No: AX3 AR 12LM 30K
80CRI 24D FPC 120
3AOVAL
(Aim at 30°)

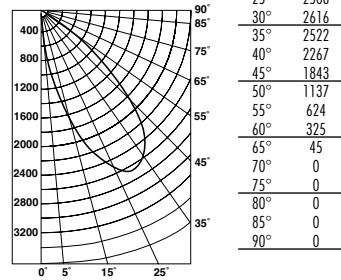
Watts: 14.8
Lumens: 964
Luminaire LPW: 65



FLOOD PHOTOMETRIC REPORT

Test Report: PTO4152805R
Catalog No: AX3 AR 12LM 30K
80CRI 35D FPC 120
3AOVAL
(Aim at 30°)

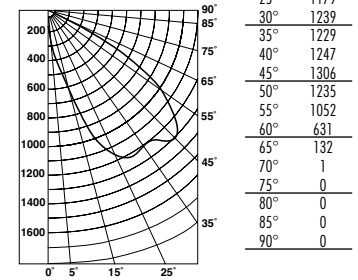
Watts: 14.8
Lumens: 1067
Luminaire LPW: 72



WIDE FLOOD PHOTOMETRIC REPORT

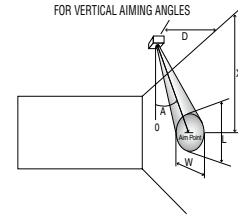
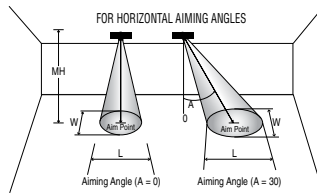
Test Report: PTO4152905R
Catalog No: AX3 AR 12LM 30K
80CRI 50D FPC 120
3AOVAL
(Aim at 30°)

Watts: 14.8
Lumens: 854
Luminaire LPW: 58



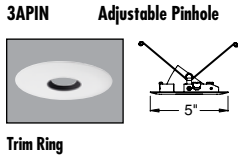
CBCP • Centerbeam candlepower
FC • Footcandles at beam center (aim point)

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°).



Beam Type	Beam Spread°	CBCP	0°			30°			30°			45°						
			MH	FC	L	W	FC	L	W	D	FC	X	L	W	FC	X	L	W
SP	12°	10074	6	280	1.6	1.6	182	2.2	1.9	3	140	5.2	3.4	1.6	396	3.0	1.6	1.1
			8	157	2.1	2.1	102	2.9	2.5	4	79	6.9	4.5	2.1	223	4.0	2.2	1.5
			10	101	2.7	2.7	65	3.6	3.1	5	50	8.7	5.7	2.7	142	5.0	2.7	1.9
			12	70	3.2	3.2	45	4.3	3.7	6	35	10.4	6.8	3.2	99	6.0	3.3	2.3
			14	51	3.8	3.8	33	5.0	4.3	7	26	12.1	8.0	3.8	73	7.0	3.8	2.7
NFL	24°	5006	4	313	1.8	1.8	203	2.4	2.1	2	156	3.5	4.3	1.8	442	2.0	1.9	1.3
			6	139	2.7	2.7	90	3.7	3.1	3	70	5.2	6.4	2.7	197	3.0	2.8	1.9
			8	78	3.6	3.6	51	4.9	4.2	4	39	6.9	8.5	3.6	111	4.0	3.8	2.5
FL	35°	2616	10	50	4.5	4.5	33	6.1	5.2	5	25	8.7	10.6	4.5	71	5.0	4.7	3.2
			12	35	5.4	5.4	23	7.3	6.2	6	17	10.4	12.8	5.4	49	6.0	5.7	3.8
			4	164	2.7	2.7	106	3.7	3.1	2	82	3.5	8.0	2.7	231	2.0	3.0	1.9
WFL	50°	1306	6	73	4.0	4.0	47	5.5	4.6	3	36	5.2	12.0	4.0	103	3.0	4.5	2.8
			8	41	5.3	5.3	27	7.4	6.1	4	20	6.9	15.9	5.3	58	4.0	6.0	3.8
			10	26	6.7	6.7	17	9.2	7.7	5	13	8.7	19.9	6.7	37	5.0	7.5	4.7
			12	18	8.0	8.0	12	11.1	9.2	6	9	10.4	23.9	8.0	26	6.0	9.0	5.6
			4	82	3.3	3.3	53	4.7	3.8	2	41	3.5	13.6	3.3	115	2.0	4.0	2.3
			6	36	5.0	5.0	24	7.0	5.7	3	18	5.2	20.3	5.0	51	3.0	3.0	3.5
			8	20	6.6	6.6	13	9.3	7.6	4	10	6.9	27.1	6.6	29	4.0	8.0	4.7
			10	13	8.3	8.3	8	11.7	9.5	5	7	8.7	33.9	8.3	18	5.0	10.0	5.8
			12	9	9.9	9.9	6	14.0	11.5	6	5	10.4	40.7	9.9	13	6.0	12.0	7.0

3" LED UNIVERSAL RECESSED ADJUSTABLE/DOWNLIGHT/WALL WASH 800/1200 LUMEN ADJUSTABLE PINHOLE 3APIN Trim

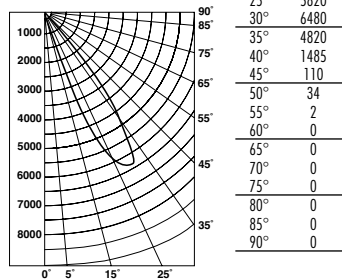


PHOTOMETRICS

SPOT PHOTOMETRIC REPORT

Test Report: PTO4152503R
Catalog No: AX3 AR 12LM 30K
80CRI 120 FPC 120
3APIN
(Aim at 30°)

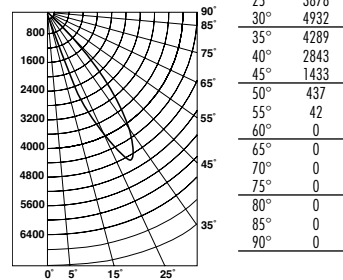
Watts: 14.8
Lumens: 535
Luminaire LPW: 36



NARROW FLOOD PHOTOMETRIC REPORT

Test Report: PTO4152703R
Catalog No: AX3 AR 12LM 30K
80CRI 240 FPC 120
3APIN
(Aim at 30°)

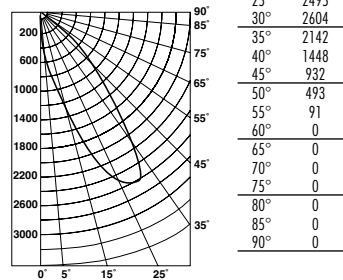
Lumens: 662
Luminaire LPW: 45



FLOOD PHOTOMETRIC REPORT

Test Report: PTO4152803R
Catalog No: AX3 AR 12LM 30K
80CRI 350 FPC 120
3APIN
(Aim at 30°)

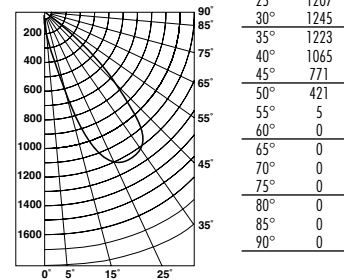
Watts: 14.8
Lumens: 727
Luminaire LPW: 49



WIDE FLOOD PHOTOMETRIC REPORT

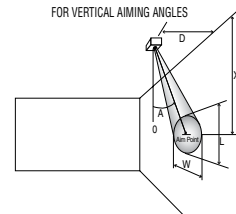
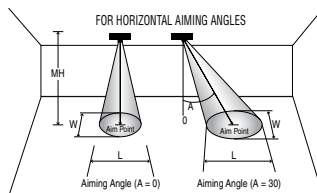
Test Report: PTO4152903R
Catalog No: AX3 AR 12LM 30K
80CRI 500 FPC 120
3APIN
(Aim at 30°)

Watts: 14.8
Lumens: 435
Luminaire LPW: 29



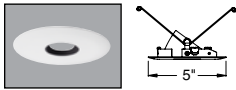
CBCP • Centerbeam candlepower
FC • Footcandles at beam center (aim point)

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°).



Beam Type	Beam Spread°	CBCP	0°			30°			30°			45°						
			MH	FC	L	W	FC	L	W	D	FC	X	L	W	FC	X	L	W
SP	12°	6480	6	180	1.5	1.5	117	2.0	1.8	3	90	5.2	3.2	1.5	255	3.0	1.6	1.1
			8	101	2.0	2.0	66	2.7	2.4	4	51	6.9	4.3	2.0	143	4.0	2.1	1.4
			10	65	2.5	2.5	42	3.4	2.9	5	32	8.7	5.3	2.5	92	5.0	2.6	1.8
			12	45	3.1	3.1	29	4.1	3.5	6	23	10.4	6.4	3.1	64	6.0	3.1	2.2
			14	33	3.6	3.6	21	4.8	4.1	7	17	12.1	7.5	3.6	47	7.0	3.6	2.5
NFL	24°	4932	4	308	1.5	1.5	200	2.0	1.7	2	154	3.5	3.2	1.5	436	2.0	1.5	1.0
			6	137	2.2	2.2	89	3.0	2.5	3	69	5.2	4.9	2.2	194	3.0	2.3	1.5
			8	77	2.9	2.9	50	3.9	3.4	4	39	6.9	6.5	2.9	109	4.0	3.0	2.1
			10	49	3.7	3.7	32	4.9	4.2	5	25	8.7	8.1	3.7	70	5.0	3.8	2.6
FL	35°	2603	4	163	1.9	1.9	106	2.6	2.2	2	81	3.5	4.6	1.9	230	2.0	2.0	1.3
			6	72	2.8	2.8	47	3.9	3.3	3	36	5.2	6.9	2.8	102	3.0	3.0	2.0
			8	41	3.8	3.8	26	5.2	4.4	4	20	6.9	9.1	3.8	58	4.0	4.0	2.7
			10	26	4.7	4.7	17	6.4	5.5	5	13	8.7	11.4	4.7	37	5.0	5.0	3.4
WFL	50°	1245	4	78	2.4	2.4	51	3.3	2.8	2	39	3.5	6.5	2.4	110	2.0	2.6	1.7
			6	35	3.6	3.6	22	4.9	4.1	3	17	5.2	9.8	3.6	49	3.0	3.9	2.5
			8	19	4.8	4.8	13	6.6	5.5	4	10	6.9	13.0	4.8	28	4.0	5.2	3.4
			10	12	6.0	6.0	8	8.2	6.9	5	6	8.7	16.3	6.0	18	5.0	6.5	4.2
			12	9	7.2	7.2	6	9.8	8.3	6	4	10.4	19.5	7.2	12	6.0	7.9	5.1

3APIN Adjustable Pinhole



Trim Ring

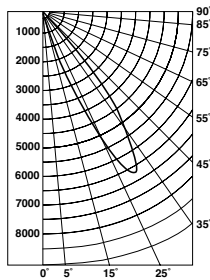
3" LED UNIVERSAL RECESSED ADJUSTABLE/DOWNLIGHT/WALL WASH 800/1200 LUMEN ADJUSTABLE PINHOLE 3APIN Trim with WET option

PHOTOMETRICS

SPOT PHOTOMETRIC REPORT

Test Report: PT04152506R
Catalog No: AX3 AR 12LM 30K
80CRI 12D FPC 120
3APIN WET
(Aim at 30°)

Watts: 14.8
Lumens: 536
Luminaire LPW: 36



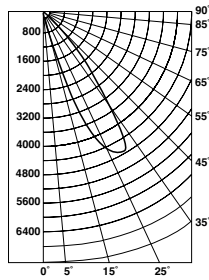
Candlepower Distribution

Vertical Degrees	Candela
0°	5
5°	21
10°	93
15°	479
20°	1956
25°	5270
30°	6533
35°	5395
40°	2148
45°	191
50°	48
55°	5
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0
90°	0

NARROW FLOOD PHOTOMETRIC REPORT

Test Report: PT04152706R
Catalog No: AX3 AR 12LM 30K
80CRI 24D FPC 120
3APIN WET
(Aim at 30°)

Watts: 14.8
Lumens: 663
Luminaire LPW: 45



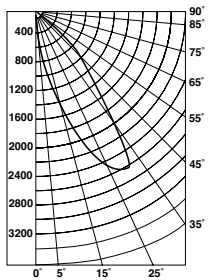
Candlepower Distribution

Vertical Degrees	Candela
0°	22
5°	46
10°	121
15°	963
20°	2807
25°	4462
30°	4792
35°	3593
40°	2286
45°	1012
50°	222
55°	8
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0
90°	0

FLOOD PHOTOMETRIC REPORT

Test Report: PT04152806R
Catalog No: AX3 AR 12LM 30K
80CRI 35D FPC 120
3APIN WET
(Aim at 30°)

Watts: 14.8
Lumens: 715
Luminaire LPW: 48



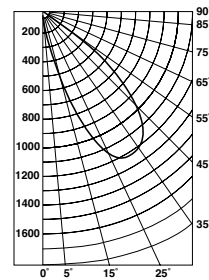
Candlepower Distribution

Vertical Degrees	Candela
0°	172
5°	471
10°	817
15°	1444
20°	2097
25°	2495
30°	2598
35°	2000
40°	1339
45°	889
50°	416
55°	60
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0
90°	0

WIDE FLOOD PHOTOMETRIC REPORT

Test Report: PT04152906R
Catalog No: AX3 AR 12LM 30K
80CRI 50D FPC 120
3APIN WET
(Aim at 30°)

Watts: 14.8
Lumens: 426
Luminaire LPW: 29

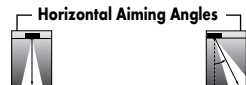
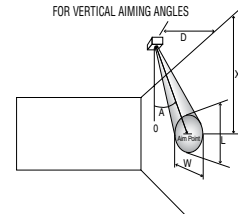
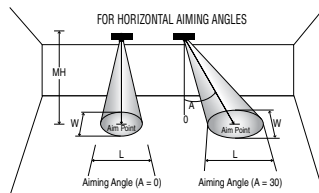


Candlepower Distribution

Vertical Degrees	Candela
0°	15
5°	133
10°	323
15°	545
20°	858
25°	1161
30°	1235
35°	1220
40°	1156
45°	890
50°	568
55°	62
60°	1
65°	0
70°	0
75°	0
80°	0
85°	0
90°	0

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

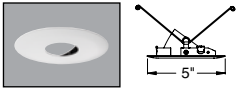
In vertical aiming applications, aim point (X) is determined by dividing distance from the wall (D) by the tangent of the desired aim angle (A) (0.5774 for 30°, 1.0 for 45°).



Beam Type	Beam Spread°	CBCP	0°			30°			30°			45°						
			MH	FC	L	W	FC	L	W	D	FC	X	L	W	FC	X	L	W
SP	12°	6533	6	181	1.5	1.5	118	2.0	1.7	3	91	5.2	3.2	1.5	257	3.0	1.5	1.1
			8	102	2.0	2.0	66	2.7	2.3	4	51	6.9	4.2	2.0	144	4.0	2.0	1.4
			10	65	2.5	2.5	42	3.4	2.9	5	33	8.7	5.3	2.5	92	5.0	2.5	1.8
			12	45	3.0	3.0	29	4.0	3.5	6	23	10.4	6.3	3.0	64	6.0	3.1	2.1
			14	33	3.5	3.5	22	4.7	4.1	7	17	12.1	7.4	3.5	47	7.0	3.6	2.5
NFL	24°	4821	4	301	1.4	1.4	196	2.0	1.7	2	151	3.5	3.2	1.4	426	2.0	1.5	1.0
			6	134	2.2	2.2	87	2.9	2.5	3	67	5.2	4.8	2.2	189	3.0	2.2	1.5
			8	75	2.9	2.9	49	3.9	3.3	4	38	6.9	6.4	2.9	107	4.0	3.0	2.0
FL	35°	2598	10	48	3.6	3.6	31	4.9	4.2	5	24	8.7	8.0	3.6	68	5.0	3.7	2.6
			12	33	4.3	4.3	22	5.9	5.0	6	17	10.4	9.6	4.3	47	6.0	4.5	3.1
			4	162	1.9	1.9	105	2.6	2.2	2	81	3.5	4.5	1.9	230	2.0	2.0	1.3
			6	72	2.8	2.8	47	3.9	3.3	3	36	5.2	6.8	2.8	102	3.0	3.0	2.0
WFL	50°	1235	8	41	3.8	3.8	26	5.1	4.4	4	20	6.9	9.1	3.8	57	4.0	4.0	2.7
			10	26	4.7	4.7	17	6.4	5.5	5	13	8.7	11.4	4.7	37	5.0	5.0	3.3
			12	18	5.7	5.7	12	7.7	6.6	6	9	10.4	13.6	5.7	26	6.0	6.0	4.0
			4	77	2.3	2.3	50	3.2	2.7	2	39	3.5	6.3	2.3	109	2.0	2.6	1.7
			6	34	3.5	3.5	22	4.8	4.1	3	17	5.2	9.4	3.5	49	3.0	3.8	2.5

3" LED UNIVERSAL RECESSED ADJUSTABLE/DOWNLIGHT/WALL WASH 800/1200 LUMEN ADJUSTABLE PINHOLE, 1 3/4" 3APINLG Trim

3APINLG Adjustable Pinhole, 1 3/4"



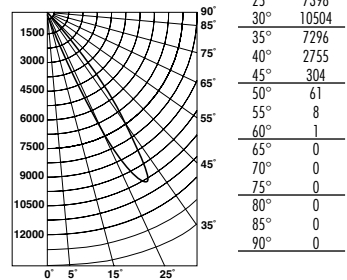
Trim Ring

PHOTOMETRICS

SPOT PHOTOMETRIC REPORT

Test Report: PTO4152504R
Catalog No: AX3 AR 12LM 30K
80CRI 12D FPC 120
3APINLG
(Aim at 30°)

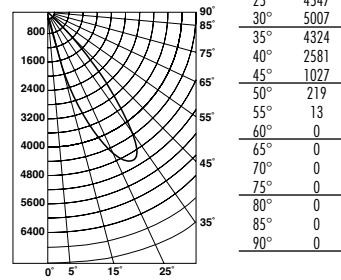
Watts: 14.8
Lumens: 805
Luminaire LPW: 54



NARROW FLOOD PHOTOMETRIC REPORT

Test Report: PTO4152704R
Catalog No: AX3 AR 12LM 30K
80CRI 24D FPC 120
3APINLG
(Aim at 30°)

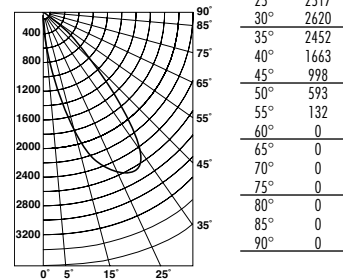
Watts: 14.8
Lumens: 823
Luminaire LPW: 56



FLOOD PHOTOMETRIC REPORT

Test Report: PTO4152804R
Catalog No: AX3 AR 12LM 30K
80CRI 35D FPC 120
3APINLG
(Aim at 30°)

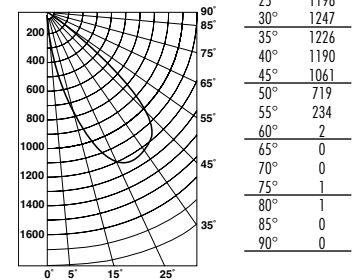
Watts: 14.8
Lumens: 859
Luminaire LPW: 58



WIDE FLOOD PHOTOMETRIC REPORT

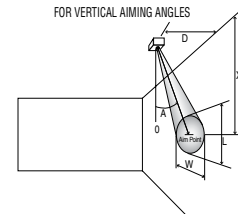
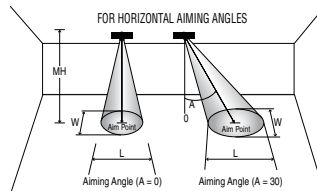
Test Report: PTO4152904R
Catalog No: AX3 AR 12LM 30K
80CRI 50D FPC 120
3APINLG
(Aim at 30°)

Watts: 14.8
Lumens: 559
Luminaire LPW: 38



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

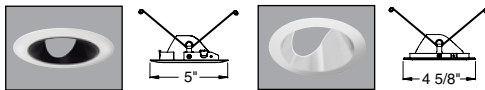
In vertical aiming applications, aim point (X) is determined by dividing distance from the wall (D) by the tangent of the desired aim angle (A) (0.5774 for 30°, 1.0 for 45°).



Beam Type	Beam Spread °	CBCP	0°			30°			30°			45°						
			MH	FC	L	W	FC	L	W	D	FC	X	L	W	FC	X	L	W
SP	12°	10504	6	292	1.5	1.5	190	2.0	1.8	3	146	5.2	3.2	1.5	413	3.0	1.6	1.1
			8	164	2.0	2.0	107	2.7	2.4	4	82	6.9	4.3	2.0	232	4.0	2.1	1.4
			10	105	2.5	2.5	68	3.4	2.9	5	53	8.7	5.3	2.5	149	5.0	2.6	1.8
			12	73	3.1	3.1	47	4.1	3.5	6	36	10.4	6.4	3.1	103	6.0	3.1	2.2
			14	54	3.6	3.6	35	4.8	4.1	7	27	12.1	7.5	3.6	76	7.0	3.6	2.5
NFL	24°	5007	4	313	1.6	1.6	203	2.2	1.9	2	156	3.5	3.7	1.6	443	2.0	1.7	1.1
			6	139	2.4	2.4	90	3.3	2.8	3	70	5.2	5.5	2.4	197	3.0	2.5	1.7
			8	78	3.2	3.2	51	4.4	3.7	4	39	6.9	7.3	3.2	111	4.0	3.4	2.3
			10	50	4.0	4.0	33	5.5	4.7	5	25	8.7	9.2	4.0	71	5.0	4.2	2.9
FL	35°	2620	4	164	2.2	2.2	106	3.0	2.5	2	82	3.5	5.7	2.2	232	2.0	2.4	1.6
			6	73	3.3	3.3	47	4.5	3.8	3	36	5.2	8.5	3.3	103	3.0	3.6	2.3
			8	41	4.4	4.4	27	6.0	5.1	4	20	6.9	11.4	4.4	58	4.0	4.8	3.1
			10	26	5.5	5.5	17	7.5	6.3	5	13	8.7	14.2	5.5	37	5.0	5.9	3.9
WFL	50°	1247	4	78	2.7	2.7	51	3.8	3.1	2	39	3.5	8.3	2.7	110	2.0	3.1	1.9
			6	35	4.1	4.1	22	5.7	4.7	3	17	5.2	12.5	4.1	49	3.0	4.6	2.9
			8	19	5.4	5.4	13	7.6	6.3	4	10	6.9	16.7	5.4	28	4.0	6.2	3.9
			10	12	6.8	6.8	8	9.4	7.9	5	6	8.7	20.9	6.8	18	5.0	7.7	4.8
			12	9	8.2	8.2	6	11.3	9.4	6	4	10.4	25.0	8.2	12	6.0	9.2	5.8

3" LED UNIVERSAL RECESSED ADJUSTABLE/DOWNLIGHT/WALL WASH 800/1200 LUMEN SLOT CUT REFLECTOR 3ASLOT Trim

3ASLOT Slot Cut Reflector

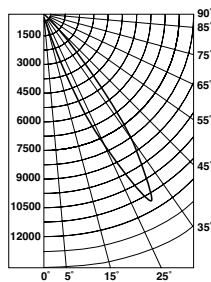


Trim Ring

Self-Flanged

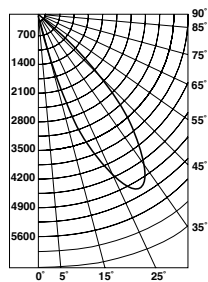
PHOTOMETRICS

SPOT
PHOTOMETRIC REPORT
Test Report: PT04152501R
Catalog No: AX3 AR 12LM 30K
80CRI 12D FPC 120
3ASLOT CS
(Aim at 30°)
Watts: 14.8
Lumens: 1127
Luminaire LPW: 76



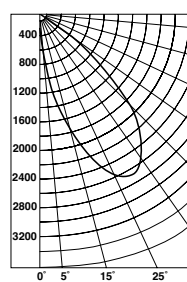
Vertical	Candela
0°	268
5°	218
10°	572
15°	1184
20°	3595
25°	8483
30°	11786
35°	8686
40°	3723
45°	1012
50°	162
55°	32
60°	4
65°	1
70°	0
75°	0
80°	0
85°	0
90°	0

NARROW FLOOD
PHOTOMETRIC REPORT
Test Report: PT04152701R
Catalog No: AX3 AR 12LM 30K
80CRI 24D FPC 120
3ASLOT CS
(Aim at 30°)
Watts: 14.8
Lumens: 1170
Luminaire LPW: 79



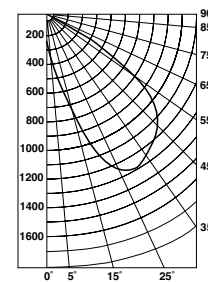
Vertical	Candela
0°	313
5°	303
10°	537
15°	1361
20°	3025
25°	4448
30°	5011
35°	4742
40°	3768
45°	2270
50°	600
55°	87
60°	34
65°	1
70°	0
75°	0
80°	0
85°	0
90°	0

FLOOD
PHOTOMETRIC REPORT
Test Report: PT04152801R
Catalog No: AX3 AR 12LM 30K
80CRI 35D FPC 120
3ASLOT CS
(Aim at 30°)
Watts: 14.8
Lumens: 1181
Luminaire LPW: 80



Vertical	Candela
0°	346
5°	705
10°	1180
15°	1785
20°	2301
25°	2577
30°	2660
35°	2540
40°	2265
45°	1836
50°	1123
55°	605
60°	298
65°	4
70°	0
75°	0
80°	0
85°	0
90°	0

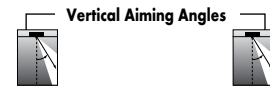
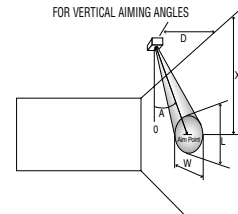
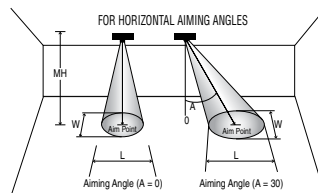
WIDE FLOOD
PHOTOMETRIC REPORT
Test Report: PT04152901R
Catalog No: AX3 AR 12LM 30K
80CRI 50D FPC 120
3ASLOT CS
(Aim at 30°)
Watts: 14.8
Lumens: 1046
Luminaire LPW: 71



Vertical	Candela
0°	260
5°	375
10°	552
15°	788
20°	1058
25°	1240
30°	1297
35°	1265
40°	1213
45°	1163
50°	1080
55°	821
60°	410
65°	8
70°	0
75°	0
80°	0
85°	0
90°	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°).



Beam Type	Beam Spread°	CBCP	0°			30°			30°			45°		
			MH	FC	L W	FC	L W	D	FC	X L W	FC	X L W		
SP	12°	11786	6	327	1.6 1.6	213	2.1 1.8	3	164	5.2 3.4 1.6	463	3.0 1.6 1.1		
			8	184	2.1 2.1	120	2.8 2.4	4	92	6.9 4.5 2.1	260	4.0 2.2 1.5		
			10	118	2.7 2.7	77	3.6 3.1	5	59	8.7 5.6 2.7	167	5.0 2.7 1.9		
			12	82	3.2 3.2	53	4.3 3.7	6	41	10.4 6.7 3.2	116	6.0 3.2 2.2		
NFL	24°	5011	4	313	1.9 1.9	203	2.5 2.1	2	157	3.5 4.4 1.8	443	2.0 1.9 1.3		
			6	139	2.8 2.8	90	3.7 3.2	3	70	5.2 6.6 2.8	197	3.0 2.9 2.0		
			8	78	3.7 3.7	51	5.0 4.2	4	39	6.9 8.7 3.7	111	4.0 3.9 2.6		
			10	50	4.6 4.6	33	6.2 5.3	5	25	8.7 10.9 4.6	71	5.0 4.9 3.3		
FL	35°	2660	4	166	2.7 2.7	108	3.8 3.2	2	83	3.5 8.4 2.7	235	2.0 3.1 1.9		
			6	74	4.1 4.1	48	5.7 4.7	3	37	5.2 12.6 4.1	104	3.0 4.6 2.9		
			8	42	5.5 5.5	27	7.6 6.3	4	21	6.9 16.8 5.5	59	4.0 6.2 3.9		
			10	27	6.8 6.8	17	9.5 7.9	5	13	8.7 21.0 6.8	38	5.0 7.7 4.8		
WFL	50°	1297	4	81	4.1 4.1	53	6.0 4.7	2	41	3.5 37.5 4.1	115	2.0 5.5 2.9		
			6	36	6.1 6.1	23	8.9 7.1	3	18	5.2 56.3 6.1	51	3.0 8.3 4.3		
			8	20	8.2 8.2	13	11.9 9.4	4	10	6.9 75.0 8.2	29	4.0 11.1 5.8		
			10	13	10.2 10.2	8	14.9 11.8	5	6	8.7 93.8 10.2	18	5.0 13.8 7.2		
			12	9	12.3 12.3	6	17.9 14.2	6	5	10.4 112.5 12.3	13	6.0 16.6 8.7		

3" LED UNIVERSAL RECESSED ADJUSTABLE/DOWNLIGHT/WALL WASH 800/1200 LUMEN BAFFLE DOWNLIGHT TRIM 3DBAF Trim

3DBAF Baffle Downlight Trim

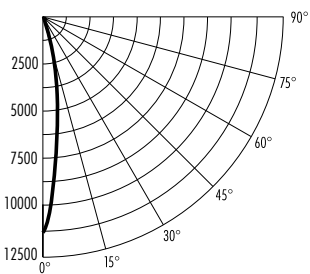


Trim Ring

PHOTOMETRICS

SPOT PHOTOMETRIC REPORT

Test Report #: PT04151706R
Catalog No: AX3 AR 12LM 30K
80CRI 12D FPC 120
3DBAF W
Luminaire Spacing Criterion: 0.28
Luminaire LPW: 77



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	11554
5	8517
15	1176
25	119
35	33
45	12
55	9
65	6
75	3
85	1
90	0

AVERAGE INITIAL FOOTCANDLES Multiple Units (Square Array, 60'x60' room) Ceiling 80% Wall 50% Floor 20%

Spacing	RCR1	RCR3	RCR5
4.0'	82	75	71
5.0'	52	48	45
6.0'	36	33	31
7.0'	29	27	25
8.0'	23	21	20
9.0'	18	16	15
10.0'	13	12	11

INITIAL FOOTCANDLES (One Unit, 14.8W, 15.4° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
6	320.9	1.6'
8	180.5	2.2'
10	115.5	2.7'
12	80.2	3.2'

ZONAL LUMEN SUMMARY

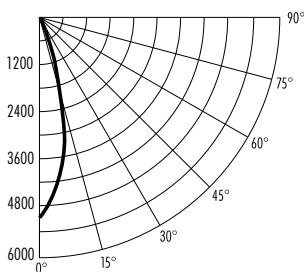
Zone	Lumens	%Fixture
0-30°	1096	95.8
0-40°	1116	97.6
0-60°	1134	99.2
0-90°	1144	100.0

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	3273
55	2976
65	2630
75	2081
85	1315

NARROW FLOOD PHOTOMETRIC REPORT

Test Report #: PT04152002R
Catalog No: AX3 AR 12LM 30K
80CRI 24D FPC 120
3DBAF W
Luminaire Spacing Criterion: 0.46
Luminaire LPW: 80



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	5130
5	4720
15	1949
25	361
35	38
45	12
55	9
65	7
75	4
85	1
90	0

AVERAGE INITIAL FOOTCANDLES Multiple Units (Square Array, 60'x60' room) Ceiling 80% Wall 50% Floor 20%

Spacing	RCR1	RCR3	RCR5
4.0'	83	76	70
5.0'	53	49	45
6.0'	37	34	31
7.0'	30	27	25
8.0'	24	22	20
9.0'	18	17	15
10.0'	13	12	11

INITIAL FOOTCANDLES (One Unit, 14.8W, 26.4° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
6	142.5	2.8'
8	80.2	3.8'
10	51.3	4.7'
12	35.6	5.6'

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture
0-30°	1120	95.1
0-40°	1149	97.5
0-60°	1167	99.0
0-90°	1178	100.0

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	3208
55	3076
65	2928
75	2612
85	1709

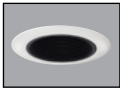
Fixtures tested to IES recommended standard for solid state lighting per LM-79-08. Photometric performance on a single unit represents a baseline of performance for the fixture. Results may vary in the field. Photometry is at 3000K CCT, 80CRI.

3" LED UNIVERSAL RECESSED ADJUSTABLE/DOWNLIGHT/WALL WASH

800/1200 LUMEN

BAFFLE DOWNLIGHT TRIM 3DBAF Trim (continued)

3DBAF Baffle Downlight Trim

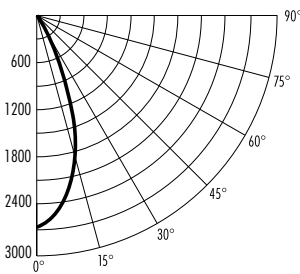


Trim Ring

PHOTOMETRICS

FLOOD PHOTOMETRIC REPORT

Test Report #: PT04152102R
Catalog No: AX3 AR 12LM 30K
80CRI 35D FPC 120
3DBAF W
Luminaire Spacing Criterion: 0.64
Luminaire LPW: 81



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	2696
5	2607
15	1876
25	758
35	100
45	9
55	6
65	4
75	2
85	1
90	0

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)
Ceiling 80% Wall 50% Floor 20%

Spacing	RCR1	RCR3	RCR5
4.0'	84	75	68
5.0'	54	48	44
6.0'	37	33	30
7.0'	30	27	24
8.0'	24	21	19
9.0'	18	16	15
10.0'	13	12	11

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture
0-30°	1095	91.6
0-40°	1174	98.1
0-60°	1189	99.4
0-90°	1196	100.0

INITIAL FOOTCANDLES (One Unit, 14.8W, 38.8° Beam)

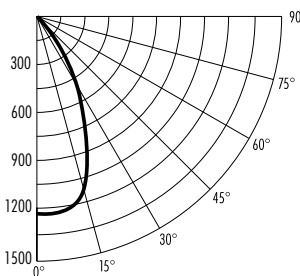
Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
6	74.9	4.2'
8	42.1	5.6'
10	27.0	7.0'
12	18.7	8.5'

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	2479
55	1858
65	1843
75	1726
85	1183

WIDE FLOOD PHOTOMETRIC REPORT

Test Report #: PT04152202R
Catalog No: AX3 AR 12LM 30K
80CRI 50D FPC 120
3DBAF W
Luminaire Spacing Criterion: 0.86
Luminaire LPW: 70



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	1276
5	1277
15	1166
25	714
35	292
45	25
55	16
65	13
75	8
85	2
90	0

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)
Ceiling 80% Wall 50% Floor 20%

Spacing	RCR1	RCR3	RCR5
4.0'	72	62	54
5.0'	46	40	35
6.0'	32	28	24
7.0'	26	22	20
8.0'	20	18	16
9.0'	16	14	12
10.0'	12	10	9

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture
0-30°	768	74.0
0-40°	957	92.2
0-60°	1014	97.7
0-90°	1038	100.0

INITIAL FOOTCANDLES (One Unit, 14.8W, 53.2° Beam)

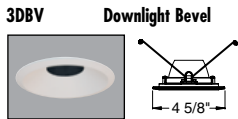
Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
6	35.4	6.0'
8	19.9	8.0'
10	12.8	10.0'
12	8.9	12.0'

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	6740
55	5373
65	5747
75	5799
85	4207

Fixtures tested to IES recommended standard for solid state lighting per LM-79-08. Photometric performance on a single unit represents a baseline of performance for the fixture. Results may vary in the field. Photometry is at 3000K CCT, 80CRI.

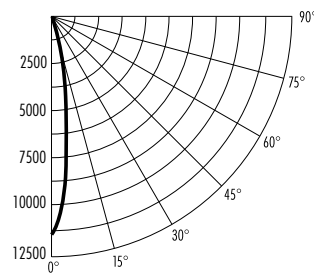
3" LED UNIVERSAL RECESSED ADJUSTABLE/DOWNLIGHT/WALL WASH 800/1200 LUMEN DOWNLIGHT BEVEL 3DBV Trim



PHOTOMETRICS

SPOT PHOTOMETRIC REPORT

Test Report #: PT04151708R
 Catalog No: AX3 AR 12LM 30K
 80CRI 12D FPC 120
 3DBV
 Luminaire Spacing Criterion: 0.26
 Luminaire LPW: 68



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	Candelas
0°	11528
5°	8366
15°	1015
25°	52
35°	4
45°	0
55°	0
65°	0
75°	0
85°	0
90°	0

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)
 Ceiling 80% Wall 50% Floor 20%

Spacing	RCR1	RCR3	RCR5
4.0'	72	68	64
5.0'	46	43	41
6.0'	32	30	29
7.0'	26	24	23
8.0'	20	19	18
9.0'	16	15	14
10.0'	12	11	10

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture
0-30°	1006	99.5
0-40°	1010	99.9
0-60°	1011	100.0
0-90°	1011	100.0

INITIAL FOOTCANDLES (One Unit, 14.8W, 15.1° Beam)

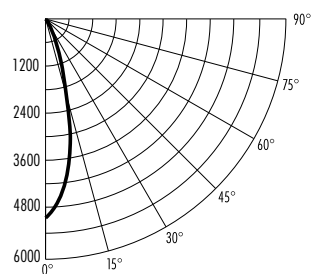
Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
6	320.2	1.6'
8	180.1	2.1'
10	115.3	2.7'
12	80.1	3.2'

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	420
55	129
65	88
75	0
85	0

NARROW FLOOD PHOTOMETRIC REPORT

Test Report #: PT04152004R
 Catalog No: AX3 AR 12LM 30K
 80CRI 24D FPC 120
 3DBV
 Luminaire Spacing Criterion: 0.46
 Luminaire LPW: 68



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	Candelas
0°	5080
5°	4675
15°	1893
25°	118
35°	15
45°	1
55°	0
65°	0
75°	0
85°	0
90°	0

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)
 Ceiling 80% Wall 50% Floor 20%

Spacing	RCR1	RCR3	RCR5
4.0'	71	66	81
5.0'	45	42	39
6.0'	31	29	27
7.0'	25	24	22
8.0'	20	19	17
9.0'	15	14	13
10.0'	11	11	10

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture
0-30°	988	98.7
0-40°	1000	99.9
0-60°	1001	100.0
0-90°	1001	100.0

INITIAL FOOTCANDLES (One Unit, 14.8W, 26.3° Beam)

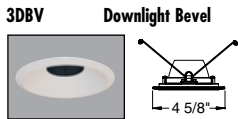
Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
6	141.1	2.8'
8	79.4	3.7'
10	50.8	4.7'
12	35.3	5.6'

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	787
55	129
65	176
75	0
85	0

Fixtures tested to IES recommended standard for solid state lighting per LM-79-08. Photometric performance on a single unit represents a baseline of performance for the fixture. Results may vary in the field. Photometry is at 3000K CCT, 80CRI.

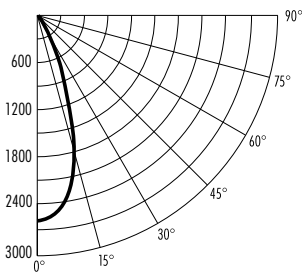
3" LED UNIVERSAL RECESSED ADJUSTABLE/DOWNLIGHT/WALL WASH 800/1200 LUMEN DOWNLIGHT BEVEL 3DBV Trim (continued)



PHOTOMETRICS

FLOOD PHOTOMETRIC REPORT

Test Report #: PT04152104R
Catalog No: AX3 AR 12LM 30K
80CRI 35D FPC 120
3DBV
Luminaire Spacing Criterion: 0.64
Luminaire LPW: 74



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees	Vertical	0°
0	Vertical	0°
0		2673
5		2589
15		1845
25		619
35		78
45		2
55		0
65		0
75		0
85		0
90		0

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)
Ceiling 80% Wall 50% Floor 20%

Spacing	RCR1	RCR3	RCR5
4.0'	77	69	63
5.0'	49	44	40
6.0'	34	31	28
7.0'	28	25	23
8.0'	22	20	18
9.0'	17	15	14
10.0'	12	11	10

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture
0-30°	1029	93.9
0-40°	1091	99.7
0-60°	1095	100.0
0-90°	1095	100.0

INITIAL FOOTCANDLES (One Unit, 14.8W, 37.5° Beam)

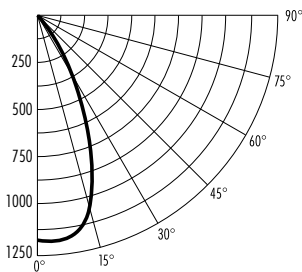
Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
6	74.3	4.1'
8	41.8	5.4'
10	26.7	6.8'
12	18.6	6.1'

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	1522
55	129
65	88
75	0
85	0

WIDE FLOOD PHOTOMETRIC REPORT

Test Report #: PT04152204R
Catalog No: AX3 AR 12LM 30K
80CRI 50D FPC 120
3DBV
Luminaire Spacing Criterion: 0.84
Luminaire LPW: 59



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees	Vertical	0°
0	Vertical	0°
0		1231
5		1240
15		1134
25		625
35		226
45		4
55		0
65		0
75		0
85		0
90		0

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)
Ceiling 80% Wall 50% Floor 20%

Spacing	RCR1	RCR3	RCR5
4.0'	60	53	48
5.0'	39	34	31
6.0'	27	24	21
7.0'	22	19	17
8.0'	17	15	14
9.0'	13	12	10
10.0'	10	9	8

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture
0-30°	717	82.2
0-40°	856	98.2
0-60°	872	100.0
0-90°	872	100.0

INITIAL FOOTCANDLES (One Unit, 14.8W, 50.2° Beam)

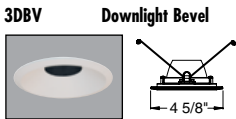
Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
6	34.2	5.6'
8	19.2	7.5'
10	12.3	9.4'
12	8.5	11.2'

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	3255
55	259
65	264
75	143
85	0

Fixtures tested to IES recommended standard for solid state lighting per LM-79-08. Photometric performance on a single unit represents a baseline of performance for the fixture. Results may vary in the field. Photometry is at 3000K CCT, 80CRI.

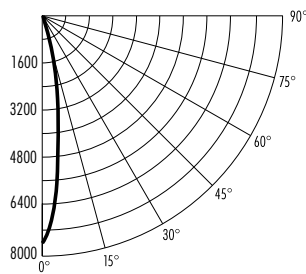
3" LED UNIVERSAL RECESSED ADJUSTABLE/DOWNLIGHT/WALL WASH 800/1200 LUMEN DOWNLIGHT BEVEL 3DBV Trim with WET option



PHOTOMETRICS

**SPOT
PHOTOMETRIC REPORT**

Test Report #: PT04151712R
Catalog No: AX3 AR 12LM 30K
80CRI 12D FPC 120
3DBV WET
Luminaire Spacing Criterion: 0.32
Luminaire LPW: 63



**CANDLEPOWER
DISTRIBUTION
(Candelas)**

Degrees	Candelas
Vertical	0°
0	7580
5	6052
15	1240
25	111
35	13
45	4
55	2
65	1
75	0
85	0
90	0

AVERAGE INITIAL FOOTCANDLES
Multiple Units (Square Array, 60'x60' room)
Ceiling 80% Wall 50% Floor 20%

Spacing	RCR1	RCR3	RCR5
4.0'	67	61	58
5.0'	43	39	37
6.0'	30	27	26
7.0'	24	22	21
8.0'	19	17	16
9.0'	15	13	13
10.0'	11	10	9

INITIAL FOOTCANDLES
(One Unit, 14.8W, 17.9° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
6	210.6	1.9'
8	118.4	2.5'
10	75.8	3.1'
12	52.6	3.8'

ZONAL LUMEN SUMMARY

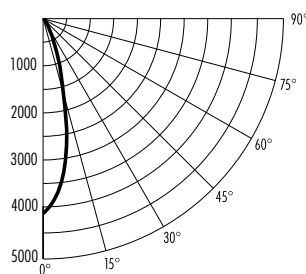
Zone	Lumens	%Fixture
0-30°	921	98.4
0-40°	930	99.4
0-60°	935	99.9
0-90°	936	100.0

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	3045
55	1812
65	1142
75	287
85	0

**NARROW FLOOD
PHOTOMETRIC REPORT**

Test Report #: PT04152008R
Catalog No: AX3 AR 12LM 30K
80CRI 50D FPC 120
3DBV WET
Luminaire Spacing Criterion: 0.46
Luminaire LPW: 63



**CANDLEPOWER
DISTRIBUTION
(Candelas)**

Degrees	Candelas
Vertical	0°
0	4174
5	3837
15	1627
25	218
35	27
45	5
55	2
65	1
75	0
85	0
90	0

AVERAGE INITIAL FOOTCANDLES
Multiple Units (Square Array, 60'x60' room)
Ceiling 80% Wall 50% Floor 20%

Spacing	RCR1	RCR3	RCR5
4.0'	65	60	56
5.0'	42	39	36
6.0'	29	27	25
7.0'	24	22	20
8.0'	19	17	16
9.0'	14	13	12
10.0'	10	10	9

INITIAL FOOTCANDLES
(One Unit, 14.8W, 26.3° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
6	116.0	2.8'
8	65.2	3.7'
10	41.8	4.7'
12	29.0	5.6'

ZONAL LUMEN SUMMARY

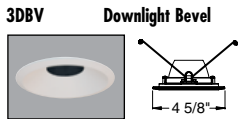
Zone	Lumens	%Fixture
0-30°	898	97.0
0-40°	918	99.2
0-60°	925	99.9
0-90°	926	100.0

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	4725
55	2136
65	1318
75	287
85	0

Fixtures tested to IES recommended standard for solid state lighting per LM-79-08. Photometric performance on a single unit represents a baseline of performance for the fixture. Results may vary in the field. Photometry is at 3000K CCT, 80CRI.

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



DOWNLIGHT BEVEL

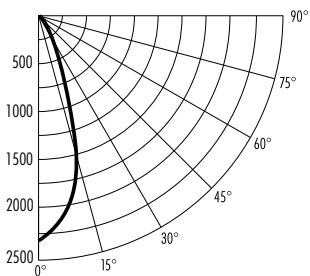
3DBV Trim with WET option (continued)

PHOTOMETRICS

FLOOD PHOTOMETRIC REPORT

Test Report #: PTO4152108R
Catalog No: AX3 AR 12LM 30K
80CRI 35D FPC 120
3DBV WET

Luminaire Spacing Criterion: 0.62
Luminaire LPW: 68



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	2343
5	2257
15	1566
25	591
35	117
45	17
55	4
65	1
75	0
85	0
90	0

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)
Ceiling 80% Wall 50% Floor 20%

Spacing	RCR1	RCR3	RCR5
4.0'	71	63	58
5.0'	45	40	37
6.0'	31	28	26
7.0'	25	23	21
8.0'	20	18	16
9.0'	15	14	13
10.0'	11	10	9

INITIAL FOOTCANDLES (One Unit, 14.8W, 37.5° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
6	65.1	4.1'
8	36.6	5.4'
10	23.4	6.8'
12	16.3	6.1'

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture
0-30°	908	89.9
0-40°	991	98.0
0-60°	1009	99.9
0-90°	1011	100.0

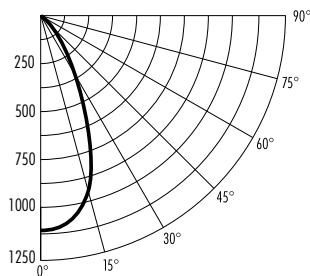
LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	14384
55	3754
65	1493
75	287
85	0

WIDE FLOOD PHOTOMETRIC REPORT

Test Report #: PTO4152208R
Catalog No: AX3 AR 12LM 30K
80CRI 50D FPC 120
3DBV WET

Luminaire Spacing Criterion: 0.82
Luminaire LPW: 54



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	1126
5	1122
15	982
25	557
35	203
45	37
55	6
65	1
75	0
85	0
90	0

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)
Ceiling 80% Wall 50% Floor 20%

Spacing	RCR1	RCR3	RCR5
4.0'	56	49	44
5.0'	36	31	28
6.0'	25	22	19
7.0'	20	18	16
8.0'	16	14	12
9.0'	12	11	9
10.0'	9	8	7

INITIAL FOOTCANDLES (One Unit, 14.8W, 49.8° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
6	31.3	5.6'
8	17.6	7.4'
10	11.3	9.3'
12	7.8	11.1'

ZONAL LUMEN SUMMARY

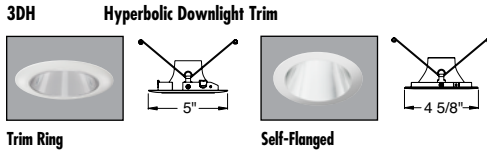
Zone	Lumens	%Fixture
0-30°	630	78.7
0-40°	760	94.8
0-60°	799	99.8
0-90°	801	100.0

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	32128
55	6795
65	1581
75	574
85	426

Fixtures tested to IES recommended standard for solid state lighting per LM-79-08. Photometric performance on a single unit represents a baseline of performance for the fixture. Results may vary in the field. Photometry is at 3000K CCT, 80CRI.

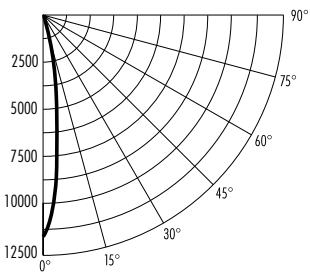
3" LED UNIVERSAL RECESSED ADJUSTABLE/DOWNLIGHT/WALL WASH 800/1200 LUMEN HYPERBOLIC DOWNLIGHT TRIM 3DH Trim



PHOTOMETRICS

**SPOT
PHOTOMETRIC REPORT**

Test Report #: PT04151709R
Catalog No: AX3 AR 12LM 30K
80CRI 12D FPC 120
3DH CD
Luminaire Spacing Criterion: 0.28
Luminaire LPW: 78



**CANDLEPOWER
DISTRIBUTION
(Candelas)**

Degrees Vertical	0°
0	11742
5	8585
15	1189
25	127
35	48
45	15
55	3
65	0
75	0
85	0
90	0

AVERAGE INITIAL FOOTCANDLES
Multiple Units (Square Array, 60'x60' room)
Ceiling 80% Wall 50% Floor 20%

Spacing	RCR1	RCR3	RCR5
4.0'	82	76	72
5.0'	53	49	46
6.0'	37	34	32
7.0'	30	27	26
8.0'	23	22	20
9.0'	18	17	16
10.0'	13	12	12

INITIAL FOOTCANDLES
(One Unit, 14.8W, 15.3° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
6	326.2	1.6'
8	183.5	2.1'
10	117.4	2.7'
12	81.5	3.2'

ZONAL LUMEN SUMMARY

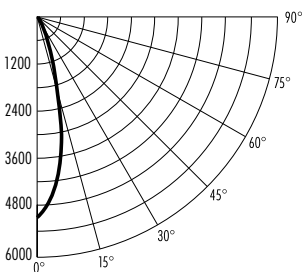
Zone	Lumens	%Fixture
0-30°	1109	96.2
0-40°	1137	98.7
0-60°	1153	100.0
0-90°	1153	100.0

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	4035
55	979
65	27
75	0
85	0

**NARROW FLOOD
PHOTOMETRIC REPORT**

Test Report #: PT04152005R
Catalog No: AX3 AR 12LM 30K
80CRI 24D FPC 120
3DH CD
Luminaire Spacing Criterion: 0.46
Luminaire LPW: 80



**CANDLEPOWER
DISTRIBUTION
(Candelas)**

Degrees Vertical	0°
0	5215
5	4802
15	1993
25	292
35	53
45	15
55	3
65	0
75	0
85	0
90	0

AVERAGE INITIAL FOOTCANDLES
Multiple Units (Square Array, 60'x60' room)
Ceiling 80% Wall 50% Floor 20%

Spacing	RCR1	RCR3	RCR5
4.0'	83	76	71
5.0'	53	49	45
6.0'	37	34	31
7.0'	30	27	25
8.0'	24	22	20
9.0'	18	17	15
10.0'	13	12	11

INITIAL FOOTCANDLES
(One Unit, 14.8W, 26.5° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
6	144.9	2.8'
8	81.5	3.8'
10	52.2	4.7'
12	36.2	5.7'

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture
0-30°	1126	95.6
0-40°	1162	98.7
0-60°	1177	100.0
0-90°	1178	100.0

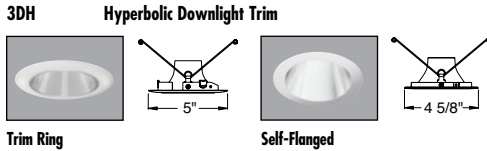
LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	3856
55	1059
65	27
75	0
85	0

Fixtures tested to IES recommended standard for solid state lighting per LM-79-08. Photometric performance on a single unit represents a baseline of performance for the fixture. Results may vary in the field. Photometry is at 3000K CCT, 80CRI.

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

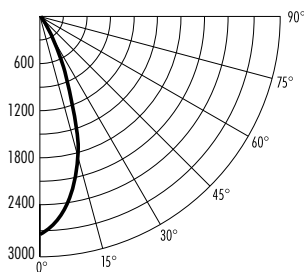
HYPERBOLIC DOWNLIGHT TRIM 3DH Trim (continued)



PHOTOMETRICS

FLOOD PHOTOMETRIC REPORT

Test Report #: PTO4152105R
Catalog No: AX3 AR 12LM 30K
80CRI 35D FPC 120
3DH CD
Luminaire Spacing Criterion: 0.64
Luminaire LPW: 81



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	2739
5	2648
15	1902
25	754
35	107
45	11
55	2
65	0
75	0
85	0
90	0

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)
Ceiling 80% Wall 50% Floor 20%

Spacing	RCR1	RCR3	RCR5
4.0'	84	76	68
5.0'	54	49	44
6.0'	37	34	30
7.0'	30	27	25
8.0'	24	22	19
9.0'	18	17	15
10.0'	13	12	11

INITIAL FOOTCANDLES

(One Unit, 14.8W, 38.7° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
6	76.1	4.2'
8	42.8	5.6'
10	27.4	7.0'
12	19.0	8.4'

ZONAL LUMEN SUMMARY

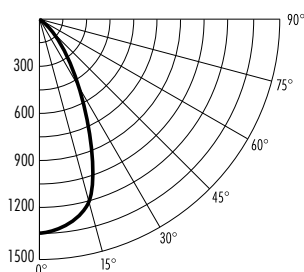
Zone	Lumens	%Fixture
0-30°	1106	92.1
0-40°	1187	98.9
0-60°	1201	100.0
0-90°	1201	100.0

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	2965
55	699
65	54
75	0
85	0

WIDE FLOOD PHOTOMETRIC REPORT

Test Report #: PTO4152205R
Catalog No: AX3 AR 12LM 30K
80CRI 50D FPC 120
3DH CD
Luminaire Spacing Criterion: 0.84
Luminaire LPW: 71



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	1378
5	1371
15	1225
25	751
35	305
45	29
55	8
65	0
75	0
85	0
90	0

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)
Ceiling 80% Wall 50% Floor 20%

Spacing	RCR1	RCR3	RCR5
4.0'	73	64	57
5.0'	47	41	36
6.0'	33	29	25
7.0'	26	23	20
8.0'	21	18	16
9.0'	16	14	12
10.0'	12	10	9

INITIAL FOOTCANDLES

(One Unit, 14.8W, 52.5° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
6	38.3	5.9'
8	21.5	7.9'
10	13.8	9.9'
12	9.6	11.8'

ZONAL LUMEN SUMMARY

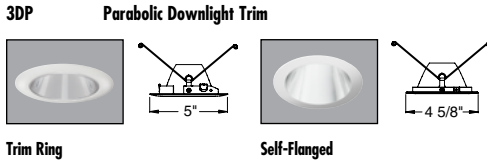
Zone	Lumens	%Fixture
0-30°	810	76.6
0-40°	1006	95.1
0-60°	1057	99.9
0-90°	1058	100.0

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	7615
55	2497
65	163
75	44
85	0

Fixtures tested to IES recommended standard for solid state lighting per LM-79-08. Photometric performance on a single unit represents a baseline of performance for the fixture. Results may vary in the field. Photometry is at 3000K CCT, 80CRI.

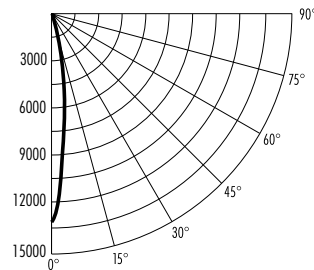
3" LED UNIVERSAL RECESSED ADJUSTABLE/DOWNLIGHT/WALL WASH 800/1200 LUMEN PARABOLIC DOWNLIGHT TRIM 3DP Trim



PHOTOMETRICS

**SPOT
PHOTOMETRIC REPORT**

Test Report #: PT04151705R
Catalog No: AX3 AR 12LM 30K
80CRI 12D FPC 120
3DP CS
Luminaire Spacing Criterion: 0.24
Luminaire LPW: 79



**CANDLEPOWER
DISTRIBUTION
(Candelas)**

Degrees Vertical	0°
0	13330
5	8710
15	1265
25	124
35	29
45	2
55	0
65	0
75	0
85	0
90	0

AVERAGE INITIAL FOOTCANDLES
Multiple Units (Square Array, 60'x60' room)
Ceiling 80% Wall 50% Floor 20%

Spacing	RCR1	RCR3	RCR5
4.0'	84	78	73
5.0'	53	50	47
6.0'	37	35	33
7.0'	30	28	26
8.0'	24	22	21
9.0'	18	17	16
10.0'	13	12	12

INITIAL FOOTCANDLES
(One Unit, 14.8W, 13.8° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
6	370.3	1.5'
8	208.3	1.9'
10	133.3	2.4'
12	92.6	2.9'

ZONAL LUMEN SUMMARY

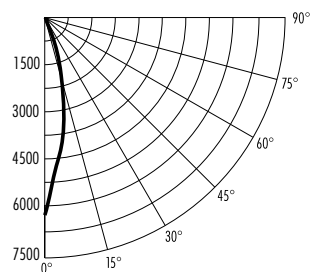
Zone	Lumens	%Fixture
0-30°	1152	98.3
0-40°	1168	99.7
0-60°	1171	99.9
0-90°	1172	100.0

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	551
55	140
65	163
75	266
85	394

**NARROW FLOOD
PHOTOMETRIC REPORT**

Test Report #: PT04152001R
Catalog No: AX3 AR 12LM 30K
80CRI 24D FPC 120
3DP CS
Luminaire Spacing Criterion: 0.40
Luminaire LPW: 81



**CANDLEPOWER
DISTRIBUTION
(Candelas)**

Degrees Vertical	0°
0	6470
5	4921
15	2041
25	360
35	30
45	2
55	0
65	0
75	0
85	0
90	0

AVERAGE INITIAL FOOTCANDLES
Multiple Units (Square Array, 60'x60' room)
Ceiling 80% Wall 50% Floor 20%

Spacing	RCR1	RCR3	RCR5
4.0'	85	78	73
5.0'	55	50	47
6.0'	38	35	32
7.0'	31	28	26
8.0'	24	22	21
9.0'	19	17	16
10.0'	14	13	12

INITIAL FOOTCANDLES
(One Unit, 14.8W, 23.4° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
6	179.7	2.5'
8	101.1	3.3'
10	64.7	4.1'
12	44.9	5.0'

ZONAL LUMEN SUMMARY

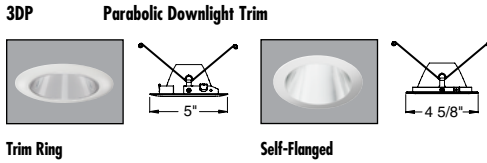
Zone	Lumens	%Fixture
0-30°	1180	97.9
0-40°	1204	99.8
0-60°	1206	100.0
0-90°	1206	100.0

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	437
55	40
65	27
75	0
85	0

Fixtures tested to IES recommended standard for solid state lighting per LM-79-08. Photometric performance on a single unit represents a baseline of performance for the fixture. Results may vary in the field. Photometry is at 3000K CCT, 80CRI.

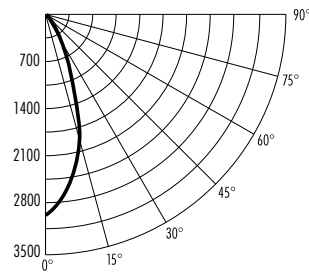
3" LED UNIVERSAL RECESSED ADJUSTABLE/DOWNLIGHT/WALL WASH 800/1200 LUMEN PARABOLIC DOWNLIGHT TRIM 3DP Trim (continued)



PHOTOMETRICS

FLOOD PHOTOMETRIC REPORT

Test Report #: PT04152101R
Catalog No: AX3 AR 12LM 30K
80CRI 35D FPC 120
3DP CS
Luminaire Spacing Criterion: 0.60
Luminaire LPW: 82



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	3010
5	2798
15	1917
25	765
35	97
45	4
55	0
65	0
75	0
85	0
90	0

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)
Ceiling 80% Wall 50% Floor 20%

Spacing	RCR1	RCR3	RCR5
4.0'	85	76	69
5.0'	54	49	44
6.0'	38	34	31
7.0'	30	27	25
8.0'	24	22	20
9.0'	18	17	15
10.0'	14	12	11

INITIAL FOOTCANDLES (One Unit, 14.8W, 36.6° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
6	83.6	4.0'
8	47.0	5.3'
10	30.1	6.6'
12	20.9	7.9'

ZONAL LUMEN SUMMARY

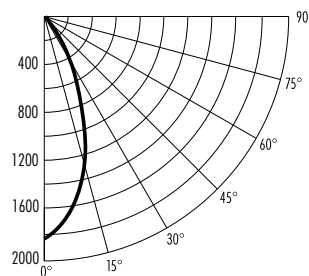
Zone	Lumens	%Fixture
0-30°	1125	93.1
0-40°	1202	99.5
0-60°	1208	100.0
0-90°	1208	100.0

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	1037
55	100
65	54
75	44
85	0

WIDE FLOOD PHOTOMETRIC REPORT

Test Report #: PT04152201R
Catalog No: AX3 AR 12LM 30K
80CRI 50D FPC 120
3DP CS
Luminaire Spacing Criterion: 0.68
Luminaire LPW: 72



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	1867
5	1754
15	1291
25	724
35	287
45	12
55	1
65	0
75	0
85	0
90	0

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)
Ceiling 80% Wall 50% Floor 20%

Spacing	RCR1	RCR3	RCR5
4.0'	74	65	58
5.0'	47	42	37
6.0'	33	29	26
7.0'	27	24	21
8.0'	21	19	17
9.0'	16	14	13
10.0'	12	10	9

INITIAL FOOTCANDLES (One Unit, 14.8W, 42.7° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
6	51.9	4.7'
8	29.2	6.3'
10	18.7	7.8'
12	13.0	9.4'

ZONAL LUMEN SUMMARY

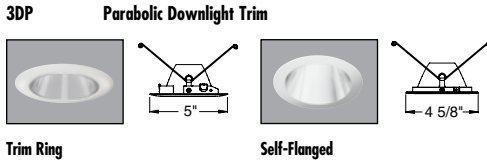
Zone	Lumens	%Fixture
0-30°	850	79.5
0-40°	1035	96.9
0-60°	1068	99.9
0-90°	1068	100.0

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	3160
55	320
65	190
75	133
85	131

Fixtures tested to IES recommended standard for solid state lighting per LM-79-08. Photometric performance on a single unit represents a baseline of performance for the fixture. Results may vary in the field. Photometry is at 3000K CCT, 80CRI.

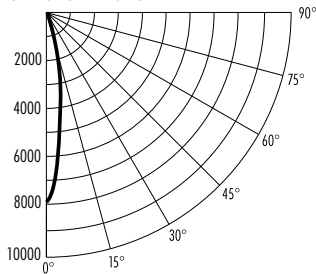
3" LED UNIVERSAL RECESSED ADJUSTABLE/DOWNLIGHT/WALL WASH 800/1200 LUMEN PARABOLIC DOWNLIGHT TRIM 3DP Trim with WET option



PHOTOMETRICS

SPOT PHOTOMETRIC REPORT

Test Report #: PT04151710R
 Catalog No: AX3 AR 12LM 30K
 80CRI 12D FPC 120
 3DP CS WET
 Luminaire Spacing Criterion: 0.32
 Luminaire LPW: 73



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees	Candelas
Vertical	0°
0	7999
5	6446
15	1442
25	195
35	36
45	4
55	2
65	0
75	0
85	0
90	0

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)
 Ceiling 80% Wall 50% Floor 20%

Spacing	RCR1	RCR3	RCR5
4.0'	77	71	66
5.0'	49	45	42
6.0'	34	32	29
7.0'	28	26	24
8.0'	22	20	19
9.0'	17	15	14
10.0'	12	11	11

INITIAL FOOTCANDLES

(One Unit, 14.8W, 18.4° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
6	222.2	1.9'
8	125.0	2.6'
10	80.0	3.2'
12	55.5	3.9'

ZONAL LUMEN SUMMARY

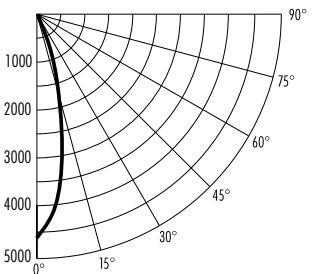
Zone	Lumens	%Fixture
0-30°	1052	97.4
0-40°	1075	99.5
0-60°	1080	100.0
0-90°	1080	100.0

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	1183
55	559
65	108
75	44
85	0

NARROW FLOOD PHOTOMETRIC REPORT

Test Report #: PT04152006R
 Catalog No: AX3 AR 12LM 30K
 80CRI 24D FPC 120
 3DP CS WET
 Luminaire Spacing Criterion: 0.46
 Luminaire LPW: 75



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees	Candelas
Vertical	0°
0	4581
5	4193
15	1818
25	417
35	49
45	6
55	1
65	0
75	0
85	0
90	0

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)
 Ceiling 80% Wall 50% Floor 20%

Spacing	RCR1	RCR3	RCR5
4.0'	79	72	66
5.0'	50	46	42
6.0'	35	32	29
7.0'	28	26	24
8.0'	22	20	19
9.0'	17	16	14
10.0'	13	11	11

INITIAL FOOTCANDLES

(One Unit, 14.8W, 26.3° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
6	127.3	2.8'
8	71.6	3.7'
10	45.8	4.7'
12	31.8	5.6'

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture
0-30°	1070	96.0
0-40°	1108	99.4
0-60°	1114	100.0
0-90°	1115	100.0

LUMINANCE (Average cd/m²)

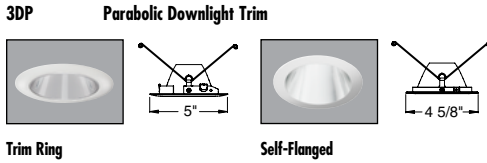
Degrees	Average Luminance
45	1491
55	419
65	108
75	44
85	0

Fixtures tested to IES recommended standard for solid state lighting per LM-79-08. Photometric performance on a single unit represents a baseline of performance for the fixture. Results may vary in the field. Photometry is at 3000K CCT, 80CRI.

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

PARABOLIC DOWNLIGHT TRIM

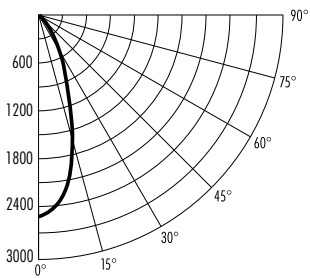
3DP Trim with WET option (continued)



PHOTOMETRICS

FLOOD PHOTOMETRIC REPORT

Test Report #: PT04152106R
Catalog No: AX3 AR 12LM 30K
80CRI 35D FPC 120
3DP CS WET
Luminaire Spacing Criterion: 0.62
Luminaire LPW: 76



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	2573
5	2446
15	1686
25	716
35	143
45	15
55	1
65	0
75	0
85	0
90	0

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)
Ceiling 80% Wall 50% Floor 20%

Spacing	RCR1	RCR3	RCR5
4.0'	79	71	64
5.0'	51	45	41
6.0'	35	31	29
7.0'	29	25	23
8.0'	23	20	18
9.0'	17	15	14
10.0'	13	11	10

INITIAL FOOTCANDLES

(One Unit, 14.8W, 37.8° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
6	71.5	4.1'
8	40.2	5.5'
10	25.7	6.8'
12	17.9	8.2'

ZONAL LUMEN SUMMARY

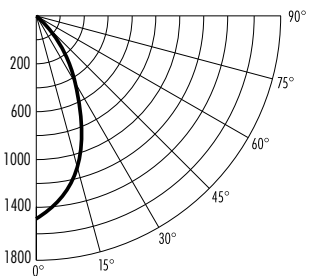
Zone	Lumens	%Fixture
0-30°	1014	89.7
0-40°	1115	98.6
0-60°	1130	100.0
0-90°	1131	100.0

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	3986
55	320
65	81
75	44
85	0

WIDE FLOOD PHOTOMETRIC REPORT

Test Report #: PT04152206R
Catalog No: AX3 AR 12LM 30K
80CRI 50D FPC 120
3DP CS WET
Luminaire Spacing Criterion: 0.76
Luminaire LPW: 66



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	1449
5	1395
15	1130
25	678
35	290
45	38
55	2
65	1
75	0
85	0
90	0

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)
Ceiling 80% Wall 50% Floor 20%

Spacing	RCR1	RCR3	RCR5
4.0'	68	60	53
5.0'	43	38	34
6.0'	30	27	23
7.0'	24	22	19
8.0'	19	17	15
9.0'	15	13	11
10.0'	11	10	8

INITIAL FOOTCANDLES

(One Unit, 14.8W, 48.1° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
6	40.3	5.4'
8	22.6	7.1'
10	14.5	8.9'
12	10.1	10.7'

ZONAL LUMEN SUMMARY

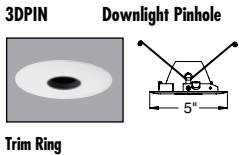
Zone	Lumens	%Fixture
0-30°	751	76.7
0-40°	935	95.4
0-60°	979	99.9
0-90°	979	100.0

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	10094
55	699
65	244
75	133
85	131

Fixtures tested to IES recommended standard for solid state lighting per LM-79-08. Photometric performance on a single unit represents a baseline of performance for the fixture. Results may vary in the field. Photometry is at 3000K CCT, 80CRI.

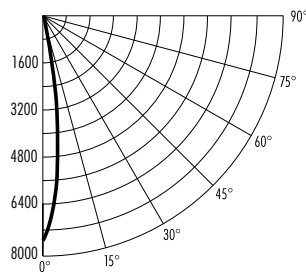
3" LED UNIVERSAL RECESSED ADJUSTABLE/DOWNLIGHT/WALL WASH 800/1200 LUMEN DOWNLIGHT PINHOLE 3DPIN Trim



PHOTOMETRICS

**SPOT
PHOTOMETRIC REPORT**

Test Report #: PT04151707R
Catalog No: AX3 AR 12LM 30K
80CRI 12D FPC 120
3DPIN
Luminaire Spacing Criterion: 0.28
Luminaire LPW: 42



**CANDLEPOWER
DISTRIBUTION
(Candelas)**

Degrees Vertical	0°
0	7701
5	5976
15	408
25	20
35	1
45	0
55	0
65	0
75	0
85	0
90	0

AVERAGE INITIAL FOOTCANDLES
Multiple Units (Square Array, 60'x60' room)
Ceiling 80% Wall 50% Floor 20%

Spacing	RCR1	RCR3	RCR5
4.0'	44	42	40
5.0'	28	27	25
6.0'	20	18	18
7.0'	16	15	14
8.0'	12	12	11
9.0'	10	9	9
10.0'	7	7	6

INITIAL FOOTCANDLES
(One Unit, 14.8W, 15.3° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
6	213.9	1.6'
8	120.3	2.1'
10	77.0	2.7'
12	53.5	3.2'

ZONAL LUMEN SUMMARY

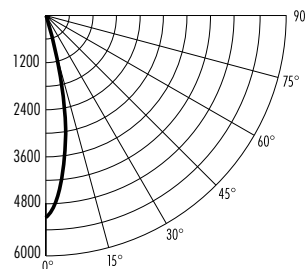
Zone	Lumens	%Fixture
0-30°	614	99.7
0-40°	615	99.9
0-60°	616	99.9
0-90°	616	100.0

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	472
55	582
65	791
75	968
85	1917

**NARROW FLOOD
PHOTOMETRIC REPORT**

Test Report #: PT04152003R
Catalog No: AX3 AR 12LM 30K
80CRI 24D FPC 120
3DPIN
Luminaire Spacing Criterion: 0.38
Luminaire LPW: 47



**CANDLEPOWER
DISTRIBUTION
(Candelas)**

Degrees Vertical	0°
0	5073
5	4461
15	1037
25	34
35	1
45	0
55	0
65	0
75	0
85	0
90	0

AVERAGE INITIAL FOOTCANDLES
Multiple Units (Square Array, 60'x60' room)
Ceiling 80% Wall 50% Floor 20%

Spacing	RCR1	RCR3	RCR5
4.0'	50	46	44
5.0'	32	30	28
6.0'	22	21	20
7.0'	18	17	16
8.0'	14	13	13
9.0'	11	10	10
10.0'	8	7	7

INITIAL FOOTCANDLES
(One Unit, 14.8W, 21.3° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
6	140.9	2.3'
8	79.3	3.0'
10	50.7	3.8'
12	35.2	4.5'

ZONAL LUMEN SUMMARY

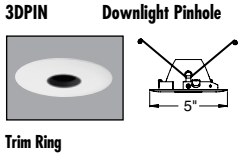
Zone	Lumens	%Fixture
0-30°	697	99.9
0-40°	698	100.0
0-60°	698	100.0
0-90°	698	100.0

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	118
55	146
65	198
75	0
85	0

Fixtures tested to IES recommended standard for solid state lighting per LM-79-08. Photometric performance on a single unit represents a baseline of performance for the fixture. Results may vary in the field. Photometry is at 3000K CCT, 80CRI.

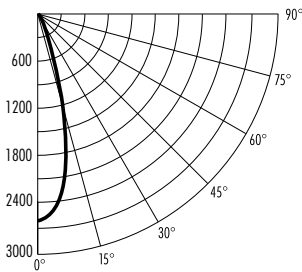
3" LED UNIVERSAL RECESSED ADJUSTABLE/DOWNLIGHT/WALL WASH 800/1200 LUMEN DOWNLIGHT PINHOLE 3DPIN Trim (continued)



PHOTOMETRICS

FLOOD PHOTOMETRIC REPORT

Test Report #: PT04152103R
 Catalog No: AX3 AR 12LM 30K
 80CRI 35D FPC 120
 3DPIN
 Luminaire Spacing Criterion: 0.48
 Luminaire LPW: 54



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees	Vertical	0°
0	2670	
5	2570	
15	1211	
25	499	
35	1	
45	0	
55	0	
65	0	
75	0	
85	0	
90	0	

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)
 Ceiling 80% Wall 50% Floor 20%

Spacing	RCR1	RCR3	RCR5
4.0'	57	51	47
5.0'	36	33	30
6.0'	25	23	21
7.0'	20	18	17
8.0'	16	15	13
9.0'	12	11	10
10.0'	9	8	8

INITIAL FOOTCANDLES (One Unit, 14.8W, 28.4° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
6	74.2	3.0'
8	41.7	4.0'
10	26.7	5.1'
12	18.5	6.1'

ZONAL LUMEN SUMMARY

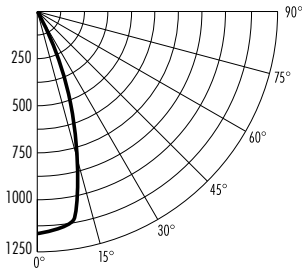
Zone	Lumens	%Fixture
0-30°	786	98.0
0-40°	801	100.0
0-60°	801	100.0
0-90°	802	100.0

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	354
55	146
65	198
75	323
85	0

WIDE FLOOD PHOTOMETRIC REPORT

Test Report #: PT04152203R
 Catalog No: AX3 AR 12LM 30K
 80CRI 50D FPC 120
 3DPIN
 Luminaire Spacing Criterion: 0.64
 Luminaire LPW: 29



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees	Vertical	0°
0	1220	
5	1217	
15	861	
25	145	
35	1	
45	0	
55	0	
65	0	
75	0	
85	0	
90	0	

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)
 Ceiling 80% Wall 50% Floor 20%

Spacing	RCR1	RCR3	RCR5
4.0'	31	28	26
5.0'	20	18	16
6.0'	14	12	11
7.0'	11	10	9
8.0'	9	8	7
9.0'	7	6	6
10.0'	5	4	4

INITIAL FOOTCANDLES (One Unit, 14.8W, 37.4° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
6	33.9	4.1'
8	19.1	5.4'
10	12.2	6.8'
12	8.5	8.1'

ZONAL LUMEN SUMMARY

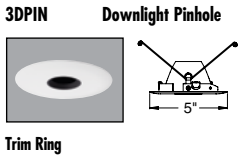
Zone	Lumens	%Fixture
0-30°	431	99.8
0-40°	432	100.0
0-60°	432	100.0
0-90°	432	100.0

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	118
55	0
65	0
75	0
85	0

Fixtures tested to IES recommended standard for solid state lighting per LM-79-08. Photometric performance on a single unit represents a baseline of performance for the fixture. Results may vary in the field. Photometry is at 3000K CCT, 80CRI.

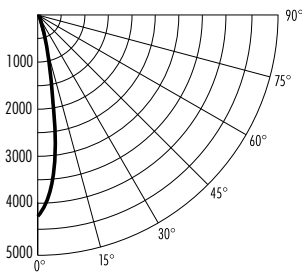
3" LED UNIVERSAL RECESSED ADJUSTABLE/DOWNLIGHT/WALL WASH 800/1200 LUMEN DOWNLIGHT PINHOLE 3DPIN Trim with WET option



PHOTOMETRICS

SPOT PHOTOMETRIC REPORT

Test Report #: PT04151711R
Catalog No: AX3 AR 12LM 30K
80CRI 12D FPC 120
3DPIN WET
Luminaire Spacing Criterion: 0.32
Luminaire LPW: 38



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees	Vertical	0°
0	4377	
5	3578	
15	742	
25	64	
35	8	
45	2	
55	2	
65	1	
75	1	
85	0	
90	0	

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)
Ceiling 80% Wall 50% Floor 20%

Spacing	RCR1	RCR3	RCR5
4.0'	40	37	34
5.0'	25	23	22
6.0'	18	16	15
7.0'	14	13	12
8.0'	11	10	10
9.0'	9	8	8
10.0'	6	6	6

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture
0-30°	547	98.1
0-40°	552	99.1
0-60°	556	99.7
0-90°	557	100.0

INITIAL FOOTCANDLES (One Unit, 14.8W, 18.5° Beam)

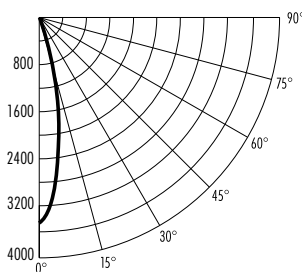
Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
6	121.6	2.0'
8	68.4	2.6'
10	43.8	3.3'
12	30.4	3.9'

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	4607
55	3640
65	3953
75	2904
85	0

NARROW FLOOD PHOTOMETRIC REPORT

Test Report #: PT04152007R
Catalog No: AX3 AR 12LM 30K
80CRI 24D FPC 120
3DPIN WET
Luminaire Spacing Criterion: 0.40
Luminaire LPW: 44



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees	Vertical	0°
0	3627	
5	3189	
15	1044	
25	122	
35	12	
45	3	
55	2	
65	1	
75	0	
85	0	
90	0	

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)
Ceiling 80% Wall 50% Floor 20%

Spacing	RCR1	RCR3	RCR5
4.0'	43	42	39
5.0'	29	27	25
6.0'	20	19	17
7.0'	16	15	14
8.0'	13	12	11
9.0'	10	9	9
10.0'	7	7	6

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture
0-30°	631	97.7
0-40°	640	99.1
0-60°	644	99.7
0-90°	645	100.0

INITIAL FOOTCANDLES (One Unit, 14.8W, 22.7° Beam)

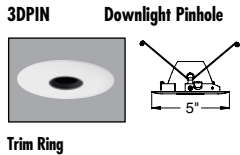
Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
6	100.8	2.4'
8	56.7	3.2'
10	36.3	4.0'
12	25.2	4.8'

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	5552
55	4077
65	4150
75	2582
85	0

Fixtures tested to IES recommended standard for solid state lighting per LM-79-08. Photometric performance on a single unit represents a baseline of performance for the fixture. Results may vary in the field. Photometry is at 3000K CCT, 80CRI.

3" LED UNIVERSAL RECESSED ADJUSTABLE/DOWNLIGHT/WALL WASH 800/1200 LUMEN DOWNLIGHT PINHOLE

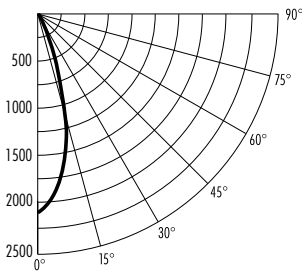


3DPIN Trim with WET option (continued)

PHOTOMETRICS

FLOOD PHOTOMETRIC REPORT

Test Report #: PT04152107R
Catalog No: AX3 AR 12LM 30K
80CRI 35D FPC 120
3DPIN WET
Luminaire Spacing Criterion: 0.52
Luminaire LPW: 50



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees	Vertical	0°
0	2142	
5	1993	
15	1110	
25	417	
35	72	
45	10	
55	2	
65	1	
75	0	
85	0	
90	0	

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)
Ceiling 80% Wall 50% Floor 20%

Spacing	RCR1	RCR3	RCR5
4.0'	52	47	43
5.0'	33	30	27
6.0'	23	21	19
7.0'	19	17	15
8.0'	15	13	12
9.0'	11	10	9
10.0'	8	7	7

INITIAL FOOTCANDLES (One Unit, 14.8W, 30.9° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
6	59.5	3.3'
8	33.5	4.4'
10	21.4	5.5'
12	14.9	6.6'

ZONAL LUMEN SUMMARY

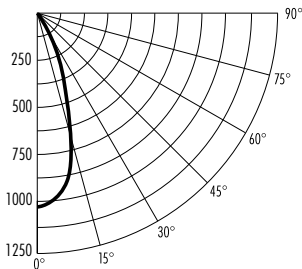
Zone	Lumens	%Fixture
0-30°	676	91.2
0-40°	728	98.2
0-60°	740	99.8
0-90°	741	100.0

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	19253
55	5242
65	3953
75	2582
85	0

WIDE FLOOD PHOTOMETRIC REPORT

Test Report #: PT04152207R
Catalog No: AX3 AR 12LM 30K
80CRI 50D FPC 120
3DPIN WET
Luminaire Spacing Criterion: 0.60
Luminaire LPW: 27



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees	Vertical	0°
0	1093	
5	1057	
15	703	
25	196	
35	23	
45	3	
55	1	
65	1	
75	1	
85	0	
90	0	

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)
Ceiling 80% Wall 50% Floor 20%

Spacing	RCR1	RCR3	RCR5
4.0'	28	26	24
5.0'	18	16	15
6.0'	13	11	10
7.0'	10	9	8
8.0'	8	7	7
9.0'	6	6	5
10.0'	5	4	4

INITIAL FOOTCANDLES (One Unit, 14.8W, 35.7° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
6	30.3	3.9'
8	17.1	5.2'
10	10.9	6.4'
12	7.6	7.7'

ZONAL LUMEN SUMMARY

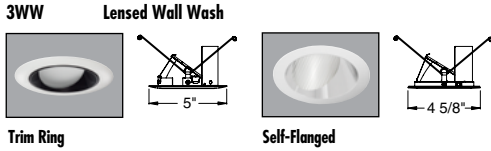
Zone	Lumens	%Fixture
0-30°	382	94.3
0-40°	400	98.6
0-60°	404	99.5
0-90°	406	100.0

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	5315
55	3204
65	4150
75	3550
85	0

Fixtures tested to IES recommended standard for solid state lighting per LM-79-08. Photometric performance on a single unit represents a baseline of performance for the fixture. Results may vary in the field. Photometry is at 3000K CCT, 80CRI.

3" LED UNIVERSAL RECESSED ADJUSTABLE/DOWNLIGHT/WALL WASH 800/1200 LUMEN LENSED WALL WASH 3WW Trim



PHOTOMETRICS

PHOTOMETRIC REPORT

Test Report #: PT05152021R
Catalog No: AX3 AR 12LM 30K
 80CRI 24D FPC 121
 3WW CS
Luminaire Spacing Criterion @ 90°: 0.68
Luminaire: 3-1/4" ICAT LED Downlight with Lensed
 Angle Cut Wall Wash Trim

**CANDLEPOWER
DISTRIBUTION
(Candelas)**

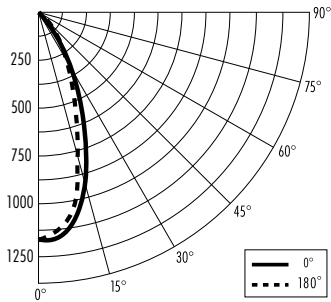
Degrees	0° Vertical Wall Wash	180° Downlight
0	1230	1230
5	1235	1130
10	1120	959
15	901	759
20	665	555
25	458	394
30	298	270
35	173	181
40	104	113
45	68	56
50	47	13
55	34	1
60	27	0
65	22	0
70	18	0
75	12	0
80	5	0
85	0	0
90	0	0

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture
0 - 30°	566	72.2
0 - 40°	698	89.1
0 - 60°	773	98.6
0 - 90°	784	100.0
90 - 180°	0	0.0
0 - 180°	784	100.0

LUMINANCE (Average cd/m²)

Degrees	Average 180° Downlight Luminance
45	18131
55	11266
65	9976
75	9030
85	920



FOOTCANDLES ON WALL FROM MULTIPLE FIXTURES

Fixture Distance to Wall		18"			24"		
DISTANCE FROM CEILING	Fixture Centers (spacing)	18"	24"	18"	24"		
	1'		10 10 10	9 8 9	7 7 7	6 5 6	
2'		21 21 21	17 16 17	13 13 13	10 10 10		
3'		31 31 31	25 24 25	19 19 19	15 15 15		
4'		32 32 32	25 25 25	24 24 24	19 19 19		
5'		28 28 28	22 22 22	25 25 25	20 20 20		
6'		23 24 23	19 19 19	23 23 23	19 19 19		
7'		20 20 20	16 16 16	21 21 21	17 17 17		
8'		17 17 17	14 14 14	18 18 18	15 15 15		
9'		13 13 13	11 11 11	15 15 15	12 12 12s		