

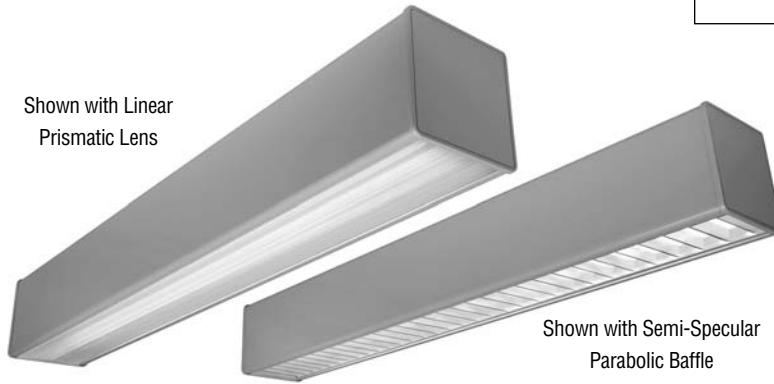
Square Series

Catalog Number

Type

Project Name

Shown with Linear
Prismatic Lens



Shown with Semi-Specular
Parabolic Baffle

AS614 • AS615

6 1/2" Square Asymmetric
Indirect/Direct
(T8, T5 or T5HO Lamps)

S P E C I F I C A T I O N S

Housing

Two-piece .125" thick extruded aluminum. Die-cast aluminum end plates are secured with no visible fasteners. Standard lengths are 4', 8' and 12'. Provisions may be made for continuous rows of any length.

Finish

Standard and premium finishes are baked powder coat electrostatically applied (2.0 mil minimum thickness) to assure aesthetics and durability.

Indirect Asymmetric Optical Controls

- (OP) Open
- (DC) Clear acrylic dust cover

Direct Optical Controls

- (PB) 3/4" deep semi-specular aluminum parabolic baffle with blades on 1 1/2" centers
- (BW) 3/4" deep white aluminum cross baffle with blades on 1 1/2" centers
- (LP) Clear extruded 100% DR acrylic linear prismatic lens.

Reflectors

Indirect - Asymmetric die-formed from .020" thick aluminum and finished with a high reflectance white enamel.

Direct - Die-formed from .020" thick aluminum and finished with a high reflectance white enamel.

Ballast

Standard ballasts for T5 and T5HO lamps are UL/CUL listed, Class P, HPF, electronic, universal 120/277volt, programmed rapid start with <10% THD. Standard ballasts for T8 lamps are UL/CUL listed, Class P, HPF, electronic, universal 120/277volt, instant start with <10% THD.

Circuitry

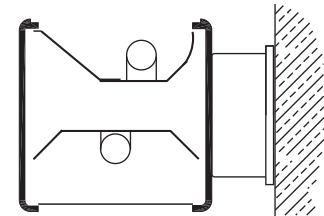
All fixtures are factory pre-wired for a single circuit. Provision for multiple switching/circuiting is optional.

Controls

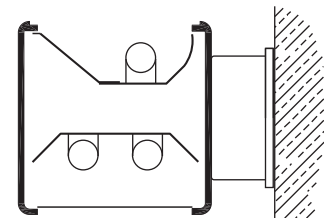
Contact factory for control by Occupancy Sensors, Photo Controls and Daylight Harvesting.

Certification

All fixtures are UL/CUL listed for use in 'Dry Applications'. 'Damp Location' is optional.



AS614



AS615

Standard Lengths:
4', 8' and 12'

Mounting
W = Wall

Series
AS614
AS615

AS614-12-W-DC/PB-F01M-V-T8-[]

Indirect Optical Controls

OP
Open
DC
Clear Dust Cover

Direct Optical Controls

PB
Semi-Specular
Parabolic Baffle
BW
White Cross Baffle
LP
Linear Prismatic Lens

Standard Finishes

F01M Matte White
F01G Gloss White
Premium Finishes
F02 Ivory F13 Merlot
F03 Stonewash F14 Red Skies
F04 Camel F15 Lemon
F05 Gray Day F16 Forest Hunter
F06 Pebble Beach F17 Olive
F07 Steel F18 Khaki
F08 Gray Seal F19 Heather Green
F09 Mocha F20 Blue Print
F10 Bronzed F21 Reflex Blue
F11 Black F22 Navy
F12 Ultrasonic Clear FCC Custom Color

Voltage

120 T8
277 T5
347 T5HO

Lamp Type

Options

SS-U/L (Upper/Lower)
Lamp Row Switching
(Common Neutral Utilized)
NLCKT
Separate Night Light Circuit
EMCKT
Separate Emergency Circuit
EBPL
Emergency Battery Pack
(635-700 Lumens)
EBPH
Emergency Battery Pack
(975-1325 Lumens)

Dim

Dimming
FS
Fused Ballasts

GTD
Generator Transfer Device

To view Wood Grain, Marble and Granite Finishes
on our Website see "Products"--"Specialty Finishes".



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AS614

6 1/2" Square Asymmetric Indirect/Direct

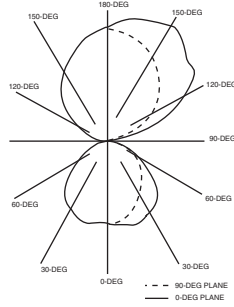
Indirect: Open
Direct: Wide Distribution Lens

Catalog Number: AS614-X-OP/LP-F01-120-T12
Report Number: LTL #01875.ies

Luminaire Description: Extruded Aluminum Housing, White Enamel & Specular Aluminum Reflector Up, White Enamel Reflector Down

Lamps: Two F40T12/CW rated at 3150 lumens

Spacing Criteria: 0° 90°
1.5 1.1



CANDELA DISTRIBUTION LUMENS

	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
0	580	580	580	580	580	580	580	580	580
5	584	583	581	580	573	570	565	565	567
15	609	603	586	561	537	531	560	581	586
25	596	587	568	538	476	502	529	552	561
35	562	550	520	480	404	436	464	498	508
45	472	481	464	389	344	339	409	408	403
55	322	329	350	307	268	260	278	272	266
65	203	196	194	197	159	150	159	168	174
75	131	125	106	88	60	67	85	102	108
85	45	45	39	25	8	12	15	17	16
90	4	5	5	5	1	0	0	0	0
95	15	38	45	55	27	9	6	6	8
105	246	287	290	268	158	101	68	45	49
115	512	551	539	440	299	223	190	167	175
125	759	740	649	575	425	355	316	292	301
135	807	810	787	665	538	467	438	414	423
145	919	897	825	740	633	567	545	528	537
155	906	887	851	776	707	659	625	613	620
165	891	872	841	796	758	730	707	687	696
175	829	816	809	794	782	772	768	762	769
180	790	790	790	790	790	790	790	790	790

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80			70			50			30			10			0		
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	69	69	69	69	63	63	63	63	51	51	51	41	41	41	31	31	31	26
1	63	60	58	56	57	55	53	51	45	44	42	36	35	34	28	27	26	23
2	58	53	49	46	52	48	45	42	40	38	35	32	30	29	25	24	23	19
3	53	47	42	39	48	43	39	36	35	32	30	28	26	25	22	21	20	17
4	48	41	36	33	44	38	34	30	31	28	26	25	23	21	20	18	17	14
5	44	37	32	28	40	34	29	26	28	25	22	23	20	18	18	16	14	12
6	41	33	28	24	37	30	26	22	25	22	19	20	18	16	16	14	13	11
7	37	29	24	21	34	27	22	19	22	19	16	18	16	14	14	12	11	9
8	34	26	21	18	31	24	20	17	20	17	14	16	14	12	13	11	10	8
9	32	24	19	16	29	22	18	15	18	15	12	15	12	10	11	10	8	7
10	30	22	17	14	27	20	16	13	17	13	11	13	11	9	10	9	7	6

NOTE:

The Zonal Cavity calculation technique is accurate when luminaires with symmetric candela distributions are employed and when the luminaires are located symmetrically throughout the room. This unit has special characteristics and therefore the Coefficients of Utilization should be used with caution. Consult your local factory representative for specific application assistance.

AS615

6 1/2" Square Asymmetric Indirect/Direct

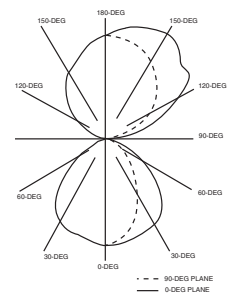
Indirect: Open
Direct: 3/4" White Cross Baffle

Catalog Number: AS615-4-X-OP/BW-F01-120-T12
Report Number: LTL #01878.ies

Luminaire Description: Extruded Aluminum Housing, White & Specular Aluminum Reflector Up, White Enamel Reflector, Down

Lamps: Three F40T12/CW rated at 3150 lumens

Spacing Criteria: 0° 90°
1.2 .9



CANDELA DISTRIBUTION LUMENS

	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
0	1593	1593	1593	1593	1593	1593	1593	1593	1593
5	1597	1591	1584	1578	1549	1547	1557	1566	1573
15	1513	1488	1441	1403	1346	1331	1370	1433	1470
25	1382	1316	1199	1132	1060	1046	1129	1255	1331
35	1203	1096	935	824	749	742	854	1018	1127
45	989	847	652	518	447	444	568	747	873
55	740	581	382	329	299	292	324	472	595
65	435	322	228	208	187	178	191	242	304
75	161	137	116	110	99	88	88	98	109
85	38	33	31	31	22	13	11	10	10
90	4	5	4	4	2	1	0	0	0
95	15	38	45	55	27	9	6	6	8
105	246	287	290	268	158	101	68	45	49
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180	790	790	790	790	790	790	790	790	790

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RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	62	62	62	62	58	58	58	58	49	49	49	41	41	41	34	34	34	31
1	57	55	53	51	53	51	49	48	44	43	42	37	37	36	31	31	30	27
2	53	49	46	43	49	46	43	40	39	37	36	34	32	31	28	27	26	24
3	49	44	40	37	45	41	37	35	35	33	31	30	29	27	26	24	23	21
4	45	39	35	31	41	36	33	30	32	29	27	27	25	24	23	22	21	19
5	41	35	30	27	38	33	29	26	29	26	23	25	22	21	21	19	18	16
6	38	31	27	24	35	29	26	23	26	23	20	22	20	18	19	18	16	15
7	35	28	24	21	33	27	23	20	23	20	18	20	18	16	18	16	14	13
8	33	26	21	18	30	24	20	18	21	18	16	19	16	14	16	14	13	11
9	30	23	19	16	28	22	18	15	28	22	18	17	14	13	15	13	11	10
10	28	21	17	14	26	20	16	14	18	15	13	15	13	11	13	11	10	9

NOTE:

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