

Square Series

Catalog Number

Type

Project Name



AS611•AS612

6½" Square Direct
Asymmetric
(T8, T5 or T5HO Lamps)

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

Housing

One-piece .125" thick extruded aluminum. Die-cast aluminum end plates are secured with no visible fasteners. Standard lengths are 4' and 8'. 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.

Optical Control

■ (LP) Clear extruded 100% DR acrylic linear prismatic lens optically designed to provide non uplight indirect/direct lighting.

Reflectors

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

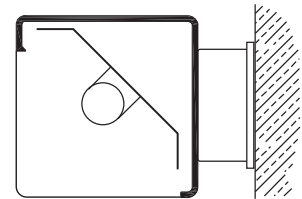
All fixtures are factory pre-wired for a single circuit. Provision for multiple switching/circuiting is optional.

Controls

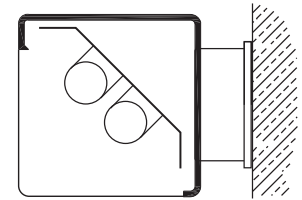
Contact factory for control by Occupancy Sensors, Photo Controls and Daylight Harvesting.

Certification

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



AS611



AS612

Standard Lengths:
4' and 8'

Mounting
J = Ceiling
W = Wall

Series
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AS612-8-W-LP-F01M-V-T8-[]

Optical Control

LP
Linear Prismatic Lens

Standard Finishes

F01M Matte White

F01G Gloss White

Premium Finishes

F02 Ivory

F03 Stonewash

F04 Camel

F05 Gray Day

F06 Pebble Beach

F07 Steel

F08 Gray Seal

F09 Mocha

F10 Bronzed

F11 Black

F12 Ultrasonic Clear

F13 Merlot

F14 Red Skies

F15 Lemon

F16 Forest Hunter

F17 Olive

F18 Khaki

F19 Heather Green

F20 Blue Print

F21 Reflex Blue

F22 Navy

FCC Custom Color

Voltage

120

277

347

Lamp Type

T8

T5

T5HO

Options

SS-L/R (Left/Right)
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".



AS611

6 1/2" Square

Linear Prismatic Lens

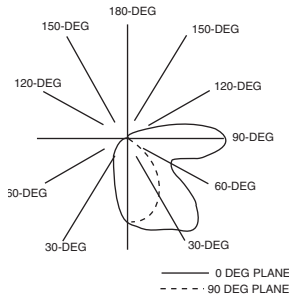
Catalog Number: AS611-4-X-LP-F01-120-T12

Report Number: LTL #00384.ies

Luminaire Description: Extruded Aluminum Housing, White Enamel Reflector

Lamps: One F40T12/CW rated at 3150 lumens

Spacing Criteria: 0° 90° 180°
1.9 1.2 0.5



CANDELA DISTRIBUTION LUMENS

	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
0	597	597	597	597	597	597	597	597	597
5	616	620	614	608	597	579	557	542	513
15	676	672	648	605	570	487	404	361	320
25	720	709	658	593	513	361	261	207	186
35	801	774	674	558	419	236	167	152	140
45	727	709	681	513	293	154	125	114	106
55	457	442	510	450	158	107	87	86	82
65	361	326	274	309	70	63	57	60	55
75	534	476	288	160	25	29	31	31	25
85	675	609	367	78	3	5	7	6	4
90	686	606	372	68	0	0	0	0	0
95	633	544	318	75	0	0	0	0	170
105	403	301	176	61	0	0	0	0	98
115	162	127	84	38	0	0	0	0	42
125	82	71	52	25	0	0	0	0	22
135	59	54	40	18	0	0	0	0	14
145	43	39	28	13	0	0	0	0	8
155	28	25	18	9	0	0	0	1	4
165	15	13	10	6	0	0	0	2	1
175	4	4	4	3	0	0	0	2	0
180	0	0	0	0	0	0	0	0	0

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	77	77	77	77	74	74	74	74	68	68	68	63	63	63	58	58	58	56
1	69	65	62	59	66	62	59	57	57	55	53	53	51	49	49	47	46	43
2	62	56	51	47	60	54	50	46	50	46	43	46	43	40	42	40	38	36
3	57	50	44	39	54	48	43	38	44	40	36	41	37	34	38	35	32	30
4	52	44	38	34	50	42	37	33	39	35	31	36	33	29	34	30	28	26
5	48	39	33	28	46	38	32	28	35	30	26	32	28	25	30	27	24	22
6	44	35	29	25	42	34	28	24	31	27	23	29	25	22	27	24	21	19
7	41	32	26	21	39	30	25	21	28	24	20	26	22	19	25	21	18	17
8	37	28	23	19	36	27	22	18	26	21	17	24	20	17	22	19	16	14
9	35	25	20	16	33	25	19	16	23	18	15	21	17	14	20	16	14	12
10	32	23	18	14	31	22	17	14	21	16	13	20	16	13	18	15	12	11

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.

AS612

6 1/2" Square

Linear Prismatic Lens

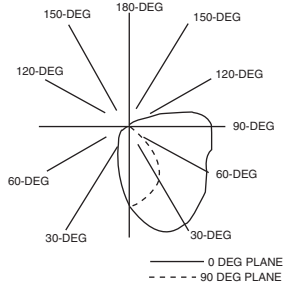
Catalog Number: AS612-4-X-LP-F01-120-T12

Report Number: LTL #00383.ies

Luminaire Description: Extruded Aluminum Housing, White Enamel Reflector

Lamps: Two F40T12/CW rated 3150 lumens each

Spacing Criteria: 0° 90° 180°
1.9 1.1 0.5



CANDELA DISTRIBUTION LUMENS

	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
0	923	923	923	923	923	923	923	923	923
5	1047	1068	1033	981	919	862	819	789	744
15	1264	1257	1189	1057	871	707	599	536	485
25	1345	1323	1240	1075	772	535	403	346	316
35	1313	1280	1210	1030	623	365	287	263	241
45	1215	1171	1091	934	444	258	218	195	180
55	1108	1050	940	775	254	186	151	146	137
65	1000	906	732	549	124	113	99	101	88
75	991	878	576	299	49	53	56	53	42
85	967	857	537	140	8	12	15	12	8
90	965	859	545	123	0	0	0	0	0
95	939	831	525	132	0	0	0	0	264
105	732	580	345	116	0	0	0	0	185
115	323	252	162	71	0	0	0	0	83
125	143	124	91	46	0	0	0	0	38
135	100	92	70	35	0	0	0	0	24
145	76	69	52	25	0	0	0	0	15
155	53	47	33	17	0	0	0	0	7
165	28	23	17	10	0	0	0	0	2
175	8	6	6	6	0	0	0	0	0
180	0	0	0	0	0	0	0	0	0

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	68	68	68	68	66	66	66	66	61	61	61	56	56	56	52	52	52	50
1	61	58	55	52	58	56	53	50	51	49	47	47	45	44	43	42	41	39
2	55	50	45	42	53	48	44	41	44	41	38	41	38	36	38	35	34	32
3	50	44	39	35	48	42	37	34	39	35	32	36	33	30	33	31	28	27
4	46	39	33	29	44	37	32	28	34	30	27	32	28	26	30	27	24	23
5	42	34	29	25	40	33	28	24	30	26	23	28	25	22	26	23	21	19
6	39	30	25	21	37	29	24	21	27	23	20	25	22	19	24	20	18	16
7	36	27	22	18	34	26	21	18	25	20	17	23	19	16	21	18	16	14
8	33	25	19	16	31	24	19	15	22	18	15	21	17	14	19	16	13	12
9	30	22	17	14	29	21	17	13	20	16	13	19	15	12	17	14	12	10
10	28	20	15	12	27	19	15	12	18	14	11	17	13	11	16	13	10	9

NOTE:

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