

Square Series

Catalog Number

Type

Project Name



AS613

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', 8' and 12'. Provisions may be made for patterns and 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. Standard finish for stems and canopies is white.

Direct Optical Control

■ (DLP) Asymmetric directional clear acrylic linear prismatic lens.

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

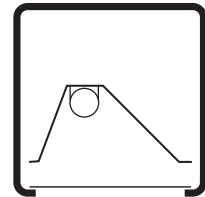
All fixtures are factory pre-wired for a single circuit. Provision for multiple switching/circuiting is optional.

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.



Standard Lengths:
4', 8' and 12'

Mounting

P = Rigid Stem (Up to 48" Standard)
J = Ceiling
W = Wall (9' extended arm w/light directed at wall)

Series
AS613

AS613-12-P-DLP-F01M-V-T8-[]

Direct Optical Control

DLP
Asymmetric Directional
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
277
347

Lamp Type

T8
T5
T5HO

Options

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".



AS613

6 1/2" Square Direct Asymmetric

Directional Linear Prismatic Lens

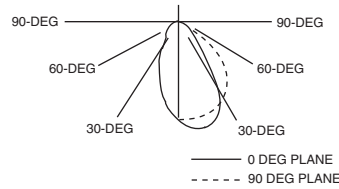
Catalog Number: AS613-4-X-DLP-F01-120-T12

Report Number: LTL #00387.ies

Luminaire Description: Extruded Aluminum Housing, White Enamel Reflector

Lamps: One F40T12/CW rated at 3150 lumens

Spacing Criteria: 0° 90° 180°
1.2 1.3 0.7



CANDELA DISTRIBUTION LUMENS

	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
0	1007	1007	1007	1007	1007	1007	1007	1007	1007
5	1062	1069	1052	1033	1004	972	943	928	900
15	1113	1104	1095	1054	980	877	785	722	670
25	968	958	1009	1024	927	751	571	462	396
35	524	540	728	881	829	559	338	264	234
45	240	246	353	595	653	365	203	178	169
55	148	147	183	350	393	224	154	148	144
65	108	103	110	191	202	127	113	110	104
75	81	64	65	90	71	71	69	72	64
85	27	21	20	21	8	19	19	15	10
90	3	3	3	3	1	2	1	1	0

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.

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	50	30	10	0
0	67	67	67	67	65	65	65	65	63	63	63	60	60	60	57	57	57	56	56	56	56
1	63	60	59	57	61	59	57	56	57	55	54	55	54	53	53	52	51	50	50	50	50
2	58	54	51	49	57	53	51	48	51	49	47	50	48	46	48	46	45	44	44	44	44
3	54	49	45	42	53	48	45	42	47	44	41	45	43	41	44	42	40	39	39	39	39
4	50	45	40	37	49	44	40	37	43	39	37	41	38	36	40	38	36	35	35	35	35
5	47	40	36	33	45	40	36	33	39	35	32	38	34	32	37	34	32	31	31	31	31
6	43	37	32	29	42	36	32	29	35	32	29	34	31	29	34	31	28	27	27	27	27
7	40	34	29	26	39	33	29	26	32	29	26	32	28	26	31	28	26	25	25	25	25
8	38	31	26	23	37	30	26	23	30	26	23	29	25	23	28	25	23	22	22	22	22
9	35	28	24	21	34	28	23	21	27	23	21	26	23	20	26	23	20	19	19	19	19
10	33	26	21	19	32	25	21	19	25	21	19	24	21	18	24	21	18	17	17	17	17

CHALKBOARD APPLICATION - COMPUTED RESULTS ARE GIVEN IN FOOTCANDLES

