

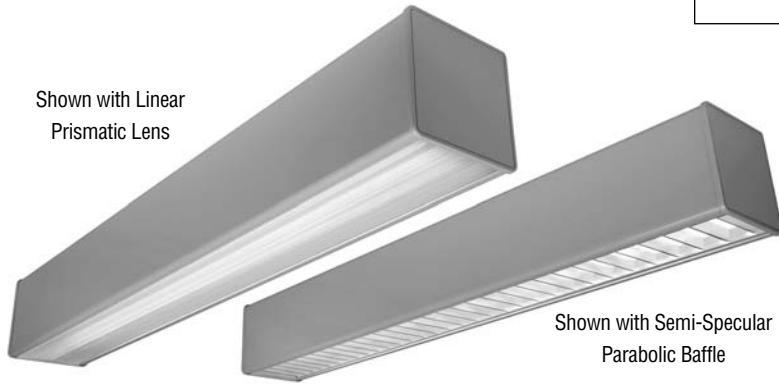
# Square Series

Catalog Number

Type

Project Name

Shown with Linear Prismatic Lens



Shown with Semi-Specular Parabolic Baffle

## AS617•AS618

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 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

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

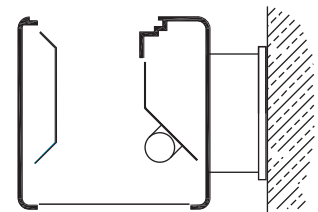
All fixtures are factory pre-wired for a single circuit. Provision for multiple switching/circuiting is optional.

#### Controls

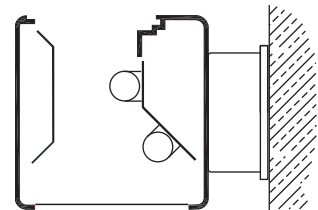
Contact factory for control by Occupancy Sensors, Photo Controls and Daylight Harvesting.

#### Certification

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



AS617



AS618

Standard Lengths:  
4', 8' and 12'

Mounting  
W = Wall

Series  
AS617  
AS618

## AS617-12-W-DC/BW-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
- 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 T8
- 277 T5
- 347 T5HO

#### Lamp Type

- T8
- T5
- T5HO

#### 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".



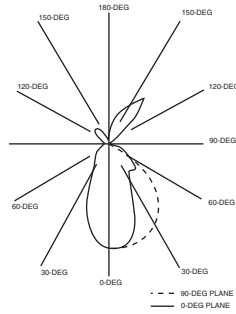
# AS617

## 6 1/2" Square Asymmetric Indirect/Direct

**Indirect: Open**  
**Direct: Linear Prismatic Lens**

**Catalog Number:** AS617-4-X-OP/LP-F01-120-T8  
**Report Number:** LTL #04044.ies

**Luminaire Description:** Extruded Aluminum Housing,  
 White Enamel Reflector  
**Lamps:** One F32T8/TL841 rated at 2850  
 lumens



### CANDELA DISTRIBUTION LUMENS

	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
0	751	751	751	751	751	751	751	751	751
5	759	760	759	752	751	745	738	726	719
15	702	704	734	744	742	703	636	581	551
25	451	468	566	669	715	613	467	366	319
35	261	261	310	494	648	481	263	178	159
45	265	240	194	269	519	308	135	125	124
55	231	213	177	142	335	161	94	103	100
65	150	138	111	87	143	82	60	62	60
75	86	77	62	40	38	35	31	34	30
85	31	23	17	9	5	8	10	12	11
90	3	4	3	4	3	4	4	4	1
95	5	6	5	8	9	7	7	7	8
105	18	23	29	39	28	50	23	17	15
115	42	47	51	158	39	77	72	53	49
125	67	70	214	190	44	81	109	106	104
135	223	333	319	183	42	71	123	131	135
145	394	344	265	150	39	65	109	135	142
155	291	262	202	113	36	62	81	108	107
165	194	164	126	76	38	55	68	76	72
175	89	67	55	42	38	43	47	51	48
180	37	37	37	37	37	37	37	37	37

### 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	70	70	70	70	66	66	66	66	59	59	59	52	52	52	46	46	46	44
1	65	62	60	58	61	59	57	55	53	52	50	47	46	45	42	42	41	38
2	60	56	52	49	56	53	50	47	48	45	43	43	41	40	39	37	36	34
3	55	50	46	42	52	47	44	41	43	40	38	39	37	35	35	33	32	30
4	51	45	40	37	48	43	39	36	39	36	33	35	33	31	32	30	28	27
5	47	40	35	32	45	39	34	31	35	32	29	32	29	27	29	27	25	23
6	44	37	32	28	41	35	31	27	32	28	26	29	26	24	27	24	23	21
7	41	33	28	25	38	32	28	24	29	26	23	27	24	22	25	22	20	19
8	38	30	26	22	36	29	25	22	27	23	20	24	21	19	22	20	18	17
9	35	27	23	20	33	26	22	19	24	21	18	22	19	17	20	18	16	15
10	33	25	21	18	31	24	20	17	22	19	16	21	18	15	19	16	15	13

#### 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.

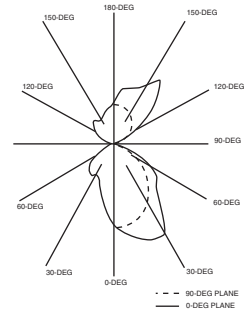
# AS618

## 6 1/2" Square Asymmetric Indirect/Direct

**Indirect: Open**  
**Direct: Specular Parabolic Cross Baffle**

**Catalog Number:** AS618-4-X-OP/PB-F01-120-T8  
**Report Number:** LTL #04038.ies

**Luminaire Description:** Extruded Aluminum Housing,  
 White Enamel Reflector  
**Lamps:** Two F32T8/TL841 rated at 2850  
 lumens



### CANDELA DISTRIBUTION LUMENS

	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
0	925	925	925	925	925	925	925	925	925
5	969	967	956	937	921	890	858	836	815
15	1087	1068	1016	934	870	765	690	634	605
25	1149	1112	1028	900	782	619	500	433	410
35	894	898	963	824	660	457	358	377	413
45	645	608	652	682	501	302	323	378	395
55	526	460	394	416	286	182	241	273	285
65	209	165	131	45	30	29	81	125	139
75	61	28	12	11	10	9	11	26	35
85	5	2	3	4	3	4	3	3	4
90	0	0	0	1	0	0	0	0	0
95	3	4	5	13	18	8	10	12	16
105	50	59	77	160	87	105	72	52	53
115	159	205	288	375	157	165	173	153	155
125	402	474	561	424	227	181	246	245	250
135	682	753	673	469	288	227	275	301	308
145	819	730	607	508	343	290	271	303	310
155	665	638	601	519	385	346	316	307	310
165	629	608	570	500	413	379	375	362	370
175	532	504	487	460	428	405	398	395	397
180	439	439	439	439	439	439	439	439	439

### 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	66	66	66	66	62	62	62	62	53	53	53	44	44	44	37	37	37	33
1	62	59	57	55	57	55	53	52	47	46	45	40	40	39	34	33	33	30
2	57	53	50	47	53	49	46	44	43	41	39	37	35	34	31	30	29	26
3	52	47	43	40	49	44	41	38	38	36	34	33	31	30	28	27	26	23
4	48	42	38	34	45	40	36	33	35	32	29	30	28	26	26	24	23	21
5	44	38	33	30	41	35	31	28	31	28	25	27	25	23	23	21	20	18
6	41	34	29	26	38	32	28	25	28	25	22	24	22	20	21	19	18	16
7	38	31	26	23	35	29	25	22	25	22	20	22	20	18	19	17	16	14
8	35	28	23	20	32	26	22	19	23	20	17	20	17	15	17	15	14	12
9	32	25	20	17	30	23	19	16	21	17	15	18	15	13	16	13	12	11
10	30	23	18	15	28	21	17	15	19	16	13	16	14	12	14	12	11	9

#### 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.

