

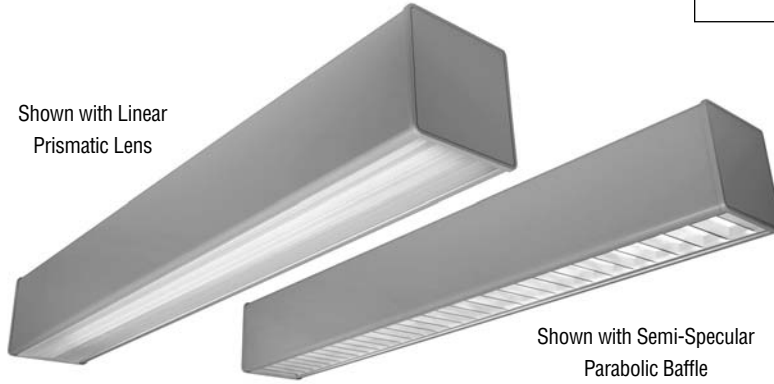
# Square Series

Catalog Number

Type

Project Name

Shown with Linear  
Prismatic Lens



Shown with Semi-Specular  
Parabolic Baffle

## AS601•AS602

6 1/2" Square Direct  
(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 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

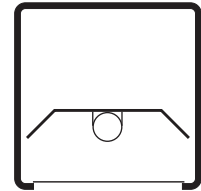
All fixtures are factory pre-wired for a single circuit. Provision for multiple switching/circuiting is optional.

#### Controls

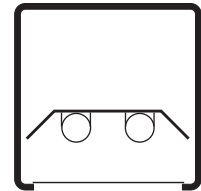
Contact factory for control by Occupancy Sensors, Photo Controls and Daylight Harvesting.

#### Certification

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



AS601



AS602

Standard Lengths:  
4', 8' and 12'

#### Mounting

- CN = Cable (Non-Tbar) Fully Adjustable (36" Standard)
- P = Rigid Stem (Up to 48" Standard)
- K = Swivel Stem (Up to 48" Standard)
- J = Ceiling
- W = Wall
- T = Telescoping Ends

Series  
AS601  
AS602

## AS602-12-CN-LP-F01M-V-T8-[ ]

#### 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
- 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".



# AS601

## 6 1/2" Square Direct

### Wide Distribution Lens

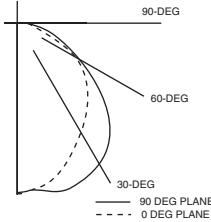
Catalog Number: AS601-4-X-WD-F01-120-T12

Report Number: LTL #00388.ies

Luminaire Description: Extruded Aluminum Housing, White Enamel Reflector

Lamps: One F40T12/CW rated at 3150 lumens

Spacing Criteria: 0° 90°  
1.1 1.4



CANDELA DISTRIBUTION						LUMENS	
	0.0	22.5	45.0	67.5	90.0		
0	578	578	578	578	578		
5	572	573	572	573	574	55	
15	536	545	571	591	596	161	
25	475	519	547	568	577	249	
35	403	457	491	523	534	303	
45	343	363	436	444	437	314	
55	267	283	313	300	294	262	
65	158	173	176	182	188	175	
75	60	77	95	113	119	99	
85	8	18	27	31	30	28	
90	1	1	2	2	2		

### COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80			70			50			30			10			0		
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	62	62	62	62	61	61	61	61	58	58	58	56	56	56	53	53	53	52
1	57	55	53	51	56	54	52	50	52	50	49	50	49	47	48	47	46	45
2	53	49	45	43	51	48	45	42	46	43	41	44	42	40	43	41	39	38
3	48	43	39	36	47	43	39	36	41	38	35	40	37	35	38	36	34	33
4	44	39	34	31	43	38	34	31	37	33	30	35	32	30	34	32	30	29
5	41	34	30	26	40	34	29	26	33	29	26	32	28	26	31	28	25	24
6	37	31	26	23	36	30	26	23	29	25	23	28	25	22	28	25	22	21
7	35	28	23	20	34	27	23	20	26	22	20	26	22	20	25	22	19	18
8	32	25	20	17	31	24	20	17	24	20	17	23	19	17	22	19	17	16
9	29	22	18	15	28	22	18	15	21	17	15	21	17	15	20	17	15	14
10	27	20	16	13	26	20	16	13	19	16	13	19	15	13	18	15	13	12

### QUICK SELECTION TABLE

Number of 4' luminaires required for initial illumination of 50 footcandles

Luminaire suspension length = 18" Working Plane Height = 30" Floor Reflectance = .20

Room HT	8				9				10				12			
	Ceil RF		Wall RF		Ceil RF		Wall RF		Ceil RF		Wall RF		Ceil RF		Wall RF	
10. 10.	4	5	5	5	4	5	5	6	5	6	6	7	6	7	7	8
10. 15.	6	6	6	7	6	7	7	8	6	7	8	9	7	9	9	10
15. 20.	10	11	11	12	10	11	12	13	11	12	12	14	12	14	14	16
15. 30.	14	15	15	16	15	16	16	18	15	17	17	19	17	19	19	22
20. 20.	13	14	14	15	13	14	15	16	14	15	15	17	15	17	17	19
20. 30.	18	19	20	21	19	20	21	22	19	21	22	23	21	23	24	26
20. 40.	24	25	25	27	24	26	27	28	25	27	28	30	27	30	30	33
20. 60.	35	36	37	39	36	38	39	41	37	40	40	43	39	43	44	47
30. 30.	26	27	28	29	27	29	29	31	28	30	30	32	29	32	33	35
30. 40.	34	36	36	38	35	37	38	40	36	38	39	41	38	41	42	45
30. 50.	42	44	45	47	43	45	46	48	44	47	48	50	46	50	51	55
30. 60.	50	52	53	55	51	54	55	57	52	56	57	59	55	59	60	64
60. 60.	97	100	102	104	99	102	104	107	100	104	106	110	103	108	111	116
60. 80.	129	132	135	137	130	134	137	140	132	137	140	144	135	141	144	150
60. 100.	160	163	167	170	162	166	170	174	164	169	173	177	167	175	178	185
100. 100.	264	268	274	278	266	271	277	282	268	274	281	286	273	281	287	295

# AS602

## 6 1/2" Square Direct

### 3/4" White Cross Baffle

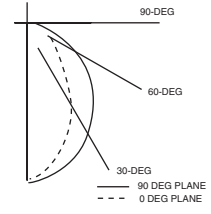
Catalog Number: AS602-4-X-BW-F01-120-T12

Report Number: LTL# 00393.ies

Luminaire Description: Extruded Aluminum Housing, White Enamel Reflector

Lamps: Two F40T12/CW rated at 3150 lumens each

Spacing Criteria: 0° 90°  
0.9 1.2



CANDELA DISTRIBUTION						LUMENS	
	0.0	22.5	45.0	67.5	90.0		
0	1588	1588	1588	1588	1588		
5	1546	1559	1567	1575	1582	148	
15	1343	1364	1402	1457	1488	397	
25	1058	1086	1162	1283	1353	544	
35	747	781	892	1055	1162	575	
45	446	480	609	795	929	497	
55	298	310	352	526	666	375	
65	187	192	209	281	369	240	
75	99	99	102	117	135	116	
85	22	22	21	22	24	27	
90	2	1	1	2	2		

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0	55	55	55	55	54	54	54	54	51	51	51	49	49	49	47	47	47	46
1	51	50	48	47	50	49	47	46	47	46	44	45	44	43	43	42	41	41
2	48	45	42	40	47	44	41	39	42	40	38	41	39	38	39	38	37	36
3	44	40	37	35	43	39	37	34	38	36	34	37	35	33	36	34	33	32
4	41	36	33	30	40	36	32	30	35	32	30	34	31	29	33	31	29	28
5	38	33	29	26	37	32	29	26	31	28	26	30	28	26	29	27	25	24
6	35	30	26	23	34	29	26	23	28	25	23	28	25	23	27	25	23	22
7	33	27	23	21	32	27	23	21	26	23	20	25	22	20	25	22	20	19
8	30	24	21	18	30	24	21	18	24	20	18	23	20	18	22	20	18	17
9	28	22	19	16	27	22	18	16	21	18	16	21	18	16	20	18	16	15
10	26	20	17	14	25	20	17	14	20	16	14	19	16	14	19	16	14	13

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10. 10.	2	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4
10. 15.	3	3	3	4	3	4	4	4	4	4	4	4	4	4	5	5	5
15. 20.	6	6	6	6	6	6	6	7	6	7	7	7	6	7	7	8	8
15. 30.	8	8	8	9	8	9	9	9	8	9	9	10	9	10	10	11	11
20. 20.	7	7	8	8	7	8	8	8	8	8	8	9	8	9	9	10	10
20. 30.	10	11	11	11	10	11	11	12	11	12	12	12	11	13	13	14	14
20. 40.	13	14	14	14	13	14	15	15	14	15	15	16	14	15	16	16	17
20. 60.	19	20	20	21	20	21	21	22	20	21	22	23	21	23	23	25	25
30. 30.	15	15	15	16	15	16	16	17	15	16	17	17	16	17	18	19	19
30. 40.	19	20	20	21	19	20	21	21	20	21	21	22	20	21	22	23	24
30. 50.	24	24	25	25	24	25	25	26	24	26	26	27	25	27	28	29	29
30. 60.	28	29	29	30	29	30	30	31	29	30	31	32	30	32	33	34	34
60. 60.	54	56	57	58	55	56	58	59	56	58	59	60	57	60	61	63	63
60. 80.	72	73	75	76	73	74	76	77	74	76	77	79	75	78	80	82	82
60. 100.	90	91	93	94	90	92	94	96	91	94	96	98	93	96	98	101	101
100. 100.	148	150	153	155	149	151	155	157	150	153	156	159	152	156	159	163	163

