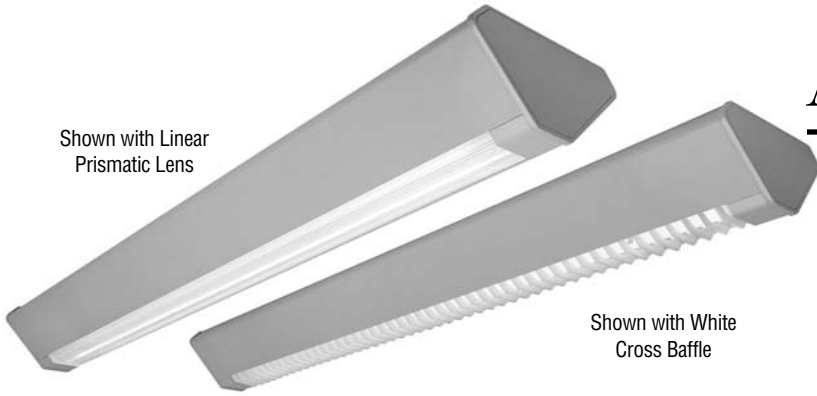


AV900 Series

Catalog Number	Type
Project Name	

AV907 • AV908 • AV909

Shown with Linear Prismatic Lens



Shown with White Cross Baffle

9" x 4 1/2" "V" 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 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.

Indirect Optical Control

- (OP) Open
- (DC) Clear extruded 100% DR acrylic dust cover

Direct Optical Control

- (LP) Clear extruded 100% DR acrylic linear prismatic lens
- (BW) One-piece contoured white cross baffle fabricated from .050" thick aluminum

Reflectors

Indirect - Die-formed from .020" thick high reflectance specular aluminum.
Direct - Die-formed from 22 ga. C.R.S. 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

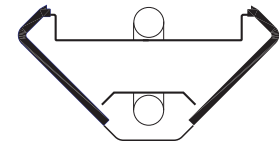
All fixtures are factory pre-wired for a single circuit. Provision for multiple switching/circuiting is optional.

Controls

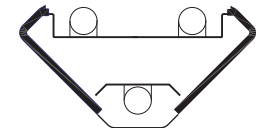
Contact factory for control by Occupancy Sensors, Photo Controls and Daylight Harvesting.

Certification

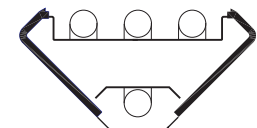
All fixtures are UL/CUL listed for use in "Dry Applications". "Damp Location" is optional.



AV907



AV908



AV909

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)
- W = Wall

Series
AV907
AV908
AV909

AV909-12-CN-DC/LP-F01M-V-T8-[]

Indirect Optical Controls

- OP**
Open
- DC**
Clear Dust Cover
(N/A for four T5HO)

Direct Optical Controls

- LP**
Linear Prismatic Lens
- BW**
White Cross Baffle

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-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".



AV907

9" x 4 1/2" "V" Indirect/Direct (T8 Lamps)

Open - Indirect

Linear Prismatic Lens - Direct

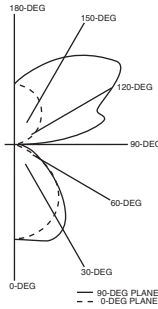
Catalog Number: AV907-4-X-OP/LP-F01-120-T8

Report Number: LTL #01462.ies

Luminaire Description: Extruded Aluminum Housing, White Enamel Bottom Reflector, Specular Upper Reflectors

Lamps: Two F032T8 rated at 2900 lumens each

Total Luminaire Efficiency = 72.7%
62% Up 38% Down



CANDELA DISTRIBUTION

LUMENS

	0.0	22.5	45.0	67.5	90.0	
0	569	569	569	569	569	569
5	563	566	569	568	570	54
15	543	552	573	587	595	162
25	504	527	575	601	608	260
35	449	489	533	538	538	320
45	381	414	421	402	393	312
55	295	285	260	242	239	236
65	165	140	141	143	143	145
75	49	65	83	91	93	82
85	6	21	42	52	55	41
90	3	31	51	62	67	
95	15	136	206	222	230	185
105	61	274	367	520	571	384
115	120	329	545	572	575	444
125	181	356	587	748	781	483
135	239	378	558	699	755	413
145	286	392	522	627	666	317
155	323	395	481	547	572	217
165	351	386	434	471	482	122
175	364	370	380	392	396	37
180	368	368	368	368	368	

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	76	76	76	76	69	69	69	69	56	56	56	44	44	44	33	33	33	28
1	69	66	64	61	63	60	58	56	49	48	46	39	38	37	29	29	28	24
2	63	58	54	51	57	53	50	47	44	41	39	35	33	31	26	25	24	21
3	58	52	47	43	53	47	43	39	39	36	33	31	29	27	24	22	21	18
4	53	46	40	36	48	42	37	33	34	31	28	28	25	23	21	20	18	16
5	49	41	35	31	44	37	32	29	31	27	24	25	22	20	19	17	16	13
6	45	36	31	27	41	33	28	25	28	24	21	22	20	17	17	15	14	12
7	41	33	27	23	37	30	25	21	25	21	18	20	17	15	16	14	12	10
8	38	29	24	20	34	27	22	19	22	19	16	18	15	13	14	12	11	9
9	35	26	21	17	32	24	19	16	20	16	14	16	13	11	13	11	9	8
10	33	24	19	15	30	22	17	14	18	15	12	15	12	10	11	10	8	7

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	80		70		80		70		80		70		80		70		
Wall RF	70	50	50	30	70	50	50	30	70	50	50	30	70	50	50	30	
Width	Length				Length				Length				Length				
10.	10.	2	2	3	3	2	3	3	3	2	3	3	4	3	3	4	4
10.	15.	3	3	3	4	3	3	4	4	3	4	4	5	4	4	5	5
15.	20.	5	5	6	6	5	5	6	6	5	6	6	7	6	7	7	8
15.	30.	7	7	8	8	7	8	8	9	7	8	9	10	8	9	10	11
20.	20.	6	6	7	7	6	7	7	8	6	7	8	9	7	8	9	10
20.	30.	8	9	10	10	9	9	10	11	9	10	11	12	10	11	12	13
20.	40.	11	12	13	13	11	12	13	14	12	13	14	15	12	14	15	17
20.	60.	16	17	18	19	16	17	18	20	17	18	20	21	18	20	22	23
30.	30.	12	13	14	15	12	13	14	15	13	14	15	16	13	15	16	18
30.	40.	16	16	18	19	16	17	19	20	16	18	19	20	17	19	21	22
30.	50.	19	20	22	23	20	21	23	24	20	22	24	25	21	23	25	27
30.	60.	23	24	26	27	23	25	27	28	24	25	28	29	25	27	30	32
60.	60.	44	45	50	51	45	46	51	52	45	47	52	54	47	49	54	57
60.	80.	58	59	65	67	59	61	67	68	59	62	68	70	61	64	70	73
60.	100.	72	74	81	82	73	75	82	84	74	76	84	86	75	79	87	90
100.	100.	118	120	132	134	119	122	134	136	120	123	136	139	123	127	139	144

AV908

9" x 4 1/2" "V" Indirect/Direct (T8 Lamps)

Open - Indirect

Linear Prismatic Lens - Direct

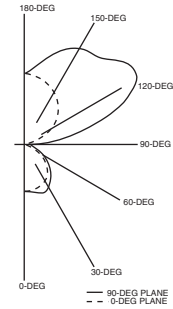
Catalog Number: AV908-4-X-OP/LP-F01-120-T8

Report Number: LTL #01463.ies

Luminaire Description: Extruded Aluminum Housing, White Enamel Bottom Reflector, Specular Upper Reflectors

Lamps: Three F032T8 rated at 2900 lumens each

Total Luminaire Efficiency = 78.2%
76% Up 24% Down



CANDELA DISTRIBUTION

LUMENS

	0.0	22.5	45.0	67.5	90.0	
0	569	569	569	569	569	569
5	563	566	569	568	570	54
15	543	552	573	587	595	162
25	504	527	575	601	608	260
35	449	489	533	538	538	320
45	381	414	421	402	393	312
55	295	285	260	242	239	236
65	165	140	141	143	143	145
75	49	65	83	91	93	82
85	6	21	42	52	55	41
90	7	37	57	70	75	
95	34	207	233	239	244	231
105	145	576	770	771	779	676
115	286	655	1139	1303	1330	962
125	425	783	1130	1458	1570	976
135	551	852	1126	1338	1439	835
145	658	875	1147	1288	1334	676
155	742	879	1067	1212	1259	481
165	802	859	959	1039	1069	270
175	834	839	855	874	882	83
180	841	841	841	841	841	

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	79	79	79	79	70	70	70	70	54	54	54	39	39	39	25	25	25	19
1	72	69	66	63	64	61	59	57	47	46	44	34	33	32	22	22	21	16
2	66	60	56	52	58	54	50	47	42	39	37	30	29	27	20	19	18	14
3	60	53	48	44	53	47	43	39	37	34	31	27	25	23	18	17	16	12
4	55	47	41	37	49	42	37	33	33	29	27	24	22	20	16	15	14	10
5	50	42	36	31	45	37	32	28	29	26	23	21	19	17	14	13	12	9
6	46	37	31	27	41	33	28	25	26	22	20	19	17	15	13	11	10	8
7	43	33	27	23	38	30	25	21	23	20	17	17	15	13	12	10	9	7
8	39	30	24	20	35	27	22	18	21	18	15	16	13	11	11	9	8	6
9	36	27	21	18	32	24	19	16	19	16	13	14	12	10	9	8	7	5
10	34	25	19	16	30	22	17	14	17	14	11	13	10	9	9	7	6	4

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	80		70		80		70		80		70		80		70		
Wall RF	70	50	50	30	70	50	50	30	70	50	50	30	70	50	50	30	
Width	Length				Length				Length				Length				
10.	10.	2	2	2	2	2	2	2	2	2	2	3	2	2	3	3	3
10.	15.	2	2	2	3	2	2	3	3	2	3	3	3	2	3	3	4
15.	20.	3	3	4	4	3	4	4	4	3	4	4	5	4	4	5	6
15.	30.	4	5	5	6	5	5	6	6	5	5	6	7	5	6	7	7
20.	20.	4	4	5	5	4	5	5	5	4	5	5	6	5	5	6	7
20.	30.	6	6	7	7	6	6	7	7	6	6	7	8	6	7	8	9
20.	40.	7	8	8	9	7	8	9	9	8	8	9	10	8	9	10	11
20.	60.	10	11	12	13	11	11	13	14	11	12	13	14	12	13	14	16
30.	30.	8	8	9	10	8	9	10	10	8	9	10	11	9	10	11	12
30.	40.	10	11	12	13	10	11	12	13	11	12	13	14	11	12	14	15
30.	50.	13	13	15	15	13	14	15	16	13	14	15	16	14	15	17	18
30.	60.	15	16	17	18												