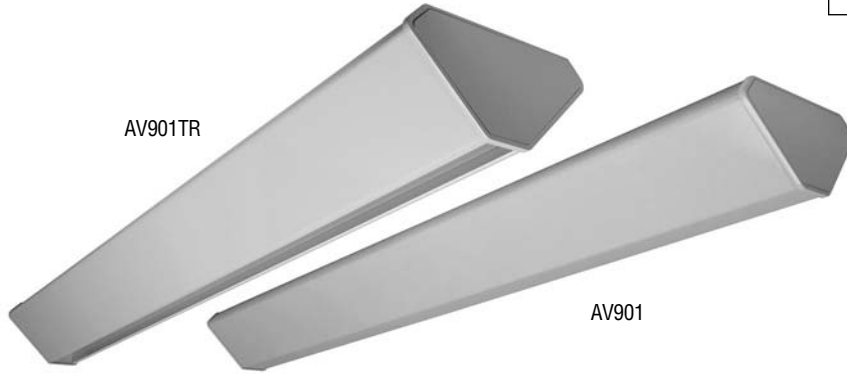


AV900 Series

Catalog Number	Type
Project Name	



AV901 • AV901TR

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

Indirect Optical Control

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

Reflector

Die-formed from .020" thick high reflectance specular aluminum.

Track Provision

Recess will accept any track up to 1 1/2" wide x 15/16" deep. Track and accessories are supplied and installed by others.

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

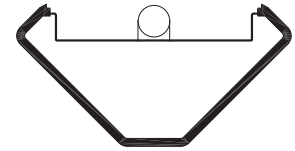
All fixtures are factory pre-wired for a single circuit. Provision for multiple switching/circuiting is optional.

Controls

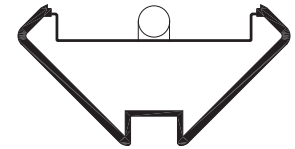
Contact factory for control by Occupancy Sensors, Photo Controls and Daylight Harvesting.

Certification

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



AV901



AV901TR

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
AV901
AV901TR

AV901-12-CN-DC-F01M-V-T8-[]

Indirect Optical Control
OP
Open
DC
Clear Dust Cover

Standard Finishes

- | | |
|-------------------------|-------------------|
| F01M Matte White | F13 Merlot |
| F01G Gloss White | F14 Red Skies |
| Premium Finishes | F15 Lemon |
| F02 Ivory | F16 Forest Hunter |
| F03 Stonewash | F17 Olive |
| F04 Camel | F18 Khaki |
| F05 Gray Day | F19 Heather Green |
| F06 Pebble Beach | F20 Blue Print |
| F07 Steel | F21 Reflex Blue |
| F08 Gray Seal | F22 Navy |
| F09 Mocha | FCC Custom Color |
| F10 Bronzed | |
| F11 Black | |
| F12 Ultrasonic Clear | |

Voltage

- | | |
|-----|------|
| 120 | T8 |
| 277 | T5 |
| 347 | T5HO |

Lamp Type

Options

- | | |
|--|---|
| NLCKT
Separate Night Light Circuit | Dim
Dimming |
| EMCKT
Separate Emergency Circuit | FS
Fused Ballasts |
| EBPL
Emergency Battery Pack
(635-700 Lumens) | GTD
Generator Transfer Device |
| EBPH
Emergency Battery Pack
(975-1325 Lumens) | |

To view Wood Grain, Marble and Granite Finishes on our Website see "Products"--"Specialty Finishes".



AV901

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

Open

Catalog Number: AV901-4-X-OP-F01-120-T8

Report Number: LTL #01088.ies

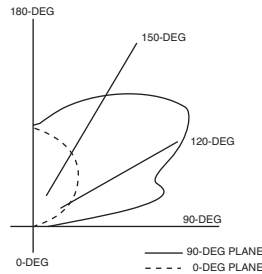
Luminaire Description: Extruded Aluminum Housing, Specular Aluminum Reflector

Lamps: One F032T8/RS rated at 2900 lumens each

Total Luminaire Efficiency = 87.5%

100% Up 0% Down

RP-1 Compliant



	CANDELA DISTRIBUTION					LUMENS	
	0.0	22.5	45.0	67.5	90.0		
90	3	19	20	20	20		
95	15	127	180	184	187	159	
105	61	269	350	490	535	365	
115	120	328	535	553	553	434	
125	181	356	581	736	767	477	
135	238	377	557	696	747	411	
145	285	391	521	626	665	316	
155	322	394	480	546	571	216	
165	349	385	433	469	481	121	
175	362	368	378	390	394	37	
180	366	366	366	366	366		

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80						70						50						30						10						0					
	RW	70	50	30	10	0	70	50	30	10	0	50	30	10	0	50	30	10	0	30	10	0	30	10	0	10	0	0	0							
0	83	83	83	83	71	71	71	71	49	49	49	28	28	28	9	9	9	0	0	0	0	0	0	0	0	0	0	0	0							
1	76	72	69	66	65	62	59	57	42	41	39	24	24	23	8	8	7	0	0	0	0	0	0	0	0	0	0	0	0							
2	69	63	58	54	59	54	50	47	37	35	33	21	20	19	7	7	6	0	0	0	0	0	0	0	0	0	0	0	0							
3	63	55	49	45	53	47	43	39	32	30	27	19	17	16	6	6	5	0	0	0	0	0	0	0	0	0	0	0	0							
4	57	49	42	38	49	42	37	33	29	25	23	17	15	14	5	5	4	0	0	0	0	0	0	0	0	0	0	0	0							
5	52	43	37	32	44	37	32	28	25	22	20	15	13	12	5	4	4	0	0	0	0	0	0	0	0	0	0	0	0							
6	48	38	32	27	41	33	28	24	23	19	17	13	11	10	4	4	3	0	0	0	0	0	0	0	0	0	0	0	0							
7	44	34	28	24	37	30	24	20	20	17	15	12	10	9	4	3	3	0	0	0	0	0	0	0	0	0	0	0	0							
8	41	31	25	20	35	27	21	18	18	15	13	11	9	8	3	3	2	0	0	0	0	0	0	0	0	0	0	0	0							
9	38	28	22	18	32	24	19	16	17	13	11	10	8	7	3	3	2	0	0	0	0	0	0	0	0	0	0	0	0							
10	35	25	20	16	30	22	17	14	15	12	10	9	7	6	3	2	2	0	0	0	0	0	0	0	0	0	0	0	0							

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	Cell RF	8				9				10				12			
		80	70	50	30	80	70	50	30	80	70	50	30	80	70	50	30
10. 10.	Wall RF	70	50	50	30	70	50	50	30	70	50	50	30	70	50	50	30
10. 10.	Width Length	4	4	5	5	4	5	5	6	4	5	6	7	5	6	7	9
10. 15.		5	5	6	7	5	6	7	8	5	7	7	9	6	8	9	11
15. 20.		8	9	11	11	9	10	11	12	9	10	12	14	10	12	14	16
15. 30.		12	13	15	16	12	14	16	17	13	15	17	19	14	16	19	22
20. 20.		11	11	13	14	11	12	14	15	11	13	15	17	13	15	17	19
20. 30.		15	16	19	20	16	17	20	21	16	18	21	23	17	20	23	26
20. 40.		20	21	24	26	20	22	26	27	21	23	27	29	22	13	15	17
20. 60.		29	30	35	37	30	32	37	39	31	33	39	42	32	36	42	46
30. 30.		22	23	27	28	22	24	28	30	23	25	29	32	24	27	32	35
30. 40.		28	30	35	36	29	31	36	38	30	32	38	40	31	35	41	44
30. 50.		35	37	43	45	36	38	44	47	37	39	46	49	39	42	49	53
30. 60.		41	43	51	53	42	45	52	55	43	46	54	57	46	50	58	63
60. 60.		80	82	96	99	81	84	98	102	82	86	101	105	85	90	105	111
60. 80.		105	108	126	129	107	111	129	133	108	113	132	137	111	118	137	144
60. 100.		131	134	157	160	133	137	160	164	134	140	163	168	138	145	169	177
100. 100.		215	219	256	260	217	222	260	265	219	225	264	270	224	232	271	280

AV901TR

9" x 4 1/2" "V" Indirect with Track Provision (T8 Lamps)

Open

Catalog Number: AV901TR-4-X-OP-F01-120-T8

Report Number: LTL #01088.ies

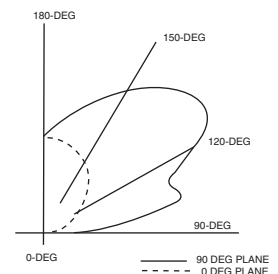
Luminaire Description: Extruded Aluminum Housing, Specular Aluminum Reflector

Lamps: One F032T8/RS rated at 2900 lumens each

Total Luminaire Efficiency = 87.5%

100% Up 0% Down

RP-1 Compliant



	CANDELA DISTRIBUTION					LUMENS	
	0.0	22.5	45.0	67.5	90.0		
90	3	19	20	20	20		
95	15	127	180	184	187	159	
105	61	269	350	490	535	365	
115	120	328	535	553	553	434	
125	181	356	581	736	767	477	
135	238	377	557	696	747	411	
145	285	391	521	626	665	316	
155	322	394	480	546	571	216	
165	349	385	433	469	481	121	
175	362	368	378	390	394	37	
180	366	366	366	366	366		

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80						70						50						30						10						0					
	RW	70	50	30	10	0	70	50	30	10	0	50	30	10	0	50	30	10	0	30	10	0	30	10	0	10	0	0	0							
0	83	83	83	83	71	71	71	71	49	49	49	28	28	28	9	9	9	0	0	0	0	0	0	0	0	0	0	0	0							
1	76	72	69	66	65	62	59	57	42	41	39	24	24	23	8	8	7	0	0	0	0	0	0	0	0	0	0	0	0							
2	69	63	58	54	59	54	50	47	37	35	33	21	20	19	7	7	6	0	0	0	0	0	0	0	0	0	0	0	0							
3	63	55	49	45	53	47	43	39	32	30	27	19	17	16	6	6	5	0	0	0	0	0	0	0	0	0	0	0	0							
4	57	49	42	38	49	42	37	33	29	25	23	17	15	14	5	5	4	0	0	0	0	0	0	0	0	0	0	0	0							
5	52	43	37	32	44	37	32	28	25	22	20	15	13	12	5	4	4	0	0	0	0	0	0	0	0	0	0	0	0							
6	48	38	32	27	41	33	28	24	23	19	17	13	11	10	4	4	3	0	0	0	0	0	0	0	0	0	0	0	0							
7	44	34	28	24	37	30	24	20	20	17	15	12	10	9	4	3	3	0	0	0	0	0	0	0	0	0	0	0	0							
8	41	31	25	20	35	27	21	18	18	15	13	11	9	8	3	3	2	0	0	0	0	0	0	0	0	0	0	0	0							
9	38	28	22	18	32	24	19	16	17	13	11	10	8	7	3	3	2	0	0	0	0	0	0	0	0	0	0	0	0							
10	35	25	20	16	30	22	17	14	15	12	10	9	7	6	3	2	2	0	0	0	0	0	0	0	0	0	0	0	0							

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	Cell RF	8				9				10				12			
		80	70	50	30	80	70	50	30	80	70	50	30	80	70	50	30
10. 10.	Wall RF	70	50	50	30	70	50	50	30	70	50	50	30	70	50	50	30
10. 10.	Width Length	4	4	5	5	4	5	5	6	4	5	6	7	5	6	7	9
10. 15.		5	5	6	7	5	6	7	8	5	7	7	9	6	8	9	11
15. 20.		8	9	11	11	9	10	11	12	9	10	12	14	10	12	14	16
15. 30.		12	13	15	16	12	14	16	17	13	15	17	19	14	16	19	22
20. 20.		11	11	13	14	11	12	14	15	11	13	15	17	13	15	17	19
20. 30.		15	16	19	20	16	17	20	21	16	18	21	23	17	20	23	26
20. 40.		20	21	24	26	20	22	26	27	21	23	27	29	22	13	15	17
20. 60.		29	30	35	37	30	32	37									