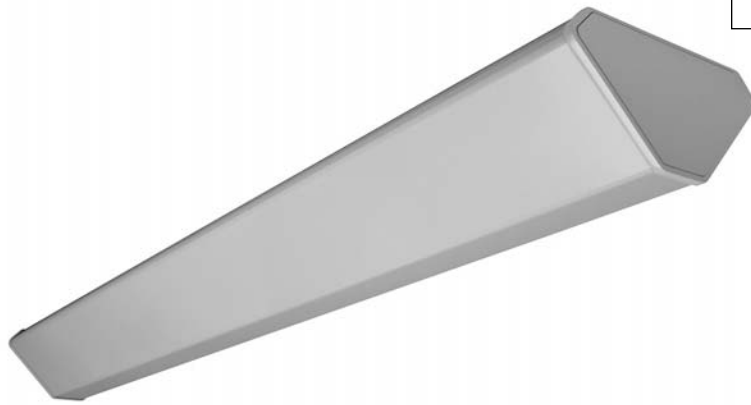


# AV900 Series



Catalog Number	Type
Project Name	

## AV905 • AV906

9" x 4½" "V" Asymmetric 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 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 Control

- (OP) Open
- (DC) Clear acrylic dust cover

#### Reflector

Asymmetric and die-formed from .020" thick high reflectance specular aluminum.

#### 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

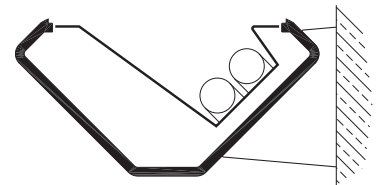
All fixtures are factory pre-wired for a single circuit. Provision for multiple switching/circuiting is optional.

#### Controls

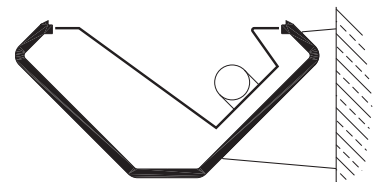
Contact factory for control by Occupancy Sensors, Photo Controls and Daylight Harvesting.

#### Certification

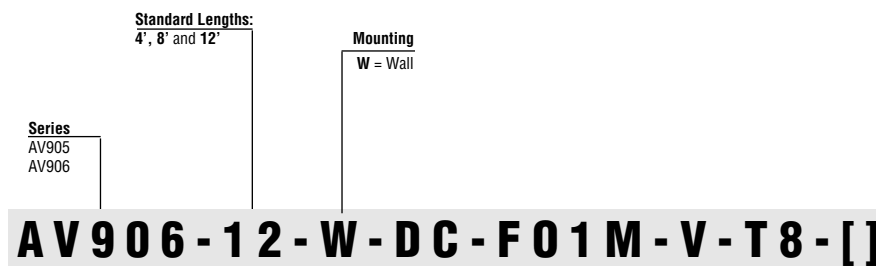
All fixtures are UL/CUL listed for use in "Dry Applications". "Damp Location" is optional.



AV905



AV906



**AV906-12-W-DC-F01M-V-T8-[]**

**Indirect Optical Control**  
**OP** Open  
**DC** Clear Dust Cover

**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".



# AV905

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

Open

Catalog Number: AV905-4-X-OP-F01-120-T8

Report Number: LTL #01149.ies

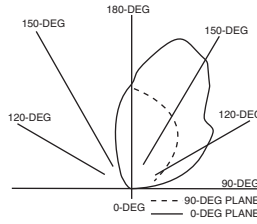
Luminaire Description: Extruded Aluminum Housing, Specular Aluminum Reflector

Lamps: Two F032T8/RS rated at 2900 lumens each

Total Luminaire Efficiency = 60.5%

100% Up 0% Down

RP-1 Compliant



CANDELA DISTRIBUTION											LUMENS			
	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0					
90	0	2	1	2	0	0	0	0	0	0	0	0	0	
95	140	203	188	142	32	0	0	0	0	87				
105	548	615	592	464	197	0	0	0	0	282				
115	967	983	920	746	410	6	0	0	0	437				
125	1259	1197	1052	1122	626	111	0	0	0	532				
135	1312	1370	1478	1381	829	290	47	2	3	584				
145	1708	1763	1701	1513	991	506	221	96	82	600				
155	1901	1902	1827	1509	1128	745	471	333	325	520				
165	1883	1789	1657	1462	1210	979	788	670	687	348				
175	1547	1474	1417	1342	1251	1182	1120	1082	1129	121				
180	1285	1285	1285	1285	1285	1285	1285	1285	1285					

### 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	58	58	58	58	49	49	49	49	34	34	34	19	19	19	6	6	6	0	0		
1	52	50	48	46	45	43	41	39	29	28	27	17	16	16	5	5	5	0	0		
2	48	44	40	37	41	37	35	32	26	24	23	15	14	13	5	5	4	0	0		
3	43	38	34	31	37	33	29	27	22	20	19	13	12	11	4	4	4	0	0		
4	40	34	29	26	34	29	25	23	20	18	16	11	10	9	4	3	3	0	0		
5	36	30	25	22	31	26	22	19	18	15	14	10	9	8	3	3	3	0	0		
6	33	27	22	19	28	23	19	16	16	13	12	9	8	7	3	3	2	0	0		
7	31	24	19	16	26	20	17	14	14	12	10	8	7	6	3	2	2	0	0		
8	28	21	17	14	24	18	15	12	13	10	9	7	6	5	2	2	2	0	0		
9	26	19	15	12	22	17	13	11	12	9	8	7	5	5	2	2	2	0	0		
10	24	18	14	11	21	15	12	10	11	8	7	6	5	4	2	2	1	0	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.

# AV906

## 9" x 4 1/2" "V" Asymmetric Indirect

Open

Catalog Number: AV906-4-X-OP-F01-120-T12

Report Number: LTL #01150.ies

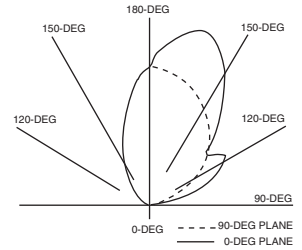
Luminaire Description: Extruded Aluminum Housing, Specular Aluminum Reflector

Lamps: One F40T12/CW rated at 3150 lumens

Total Luminaire Efficiency = 67.0%

100% Up 0% Down

RP-1 Compliant



CANDELA DISTRIBUTION											LUMENS			
	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0					
90	0	7	10	12	0	0	0	0	0	0	0	0	0	
95	78	114	105	78	21	0	0	0	0	48				
105	305	329	297	191	129	3	0	0	0	145				
115	496	509	418	347	275	50	2	0	0	228				
125	577	510	464	603	427	149	49	15	9	283				
135	567	635	729	825	566	293	124	80	76	346				
145	842	907	978	939	682	442	274	178	167	384				
155	1092	1128	1121	977	774	589	449	364	362	352				
165	1170	1132	1067	972	836	722	626	568	578	240				
175	1022	988	959	918	868	830	801	783	804	84				
180	887	887	887	887	887	887	887	887	887					

### 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	64	64	64	64	55	55	55	55	37	37	37	21	21	21	7	7	7	0	0		
1	58	55	53	51	49	47	45	44	32	31	30	19	18	18	6	6	6	0	0		
2	53	48	44	41	45	41	38	36	28	26	25	16	15	15	5	5	5	0	0		
3	48	42	38	34	41	36	33	30	25	23	21	14	13	12	5	4	4	0	0		
4	44	37	32	29	37	32	28	25	22	20	18	13	11	10	4	4	3	0	0		
5	40	33	28	24	34	28	24	21	20	17	15	11	10	9	4	3	3	0	0		
6	37	29	24	21	31	25	21	18	17	15	13	10	9	8	3	3	3	0	0		
7	34	26	21	18	29	23	19	16	16	13	11	9	8	7	3	3	2	0	0		
8	31	24	19	16	27	20	16	14	14	12	10	8	7	6	3	2	2	0	0		
9	29	21	17	14	25	18	15	12	13	10	9	7	6	5	2	2	2	0	0		
10	27	19	15	12	23	17	13	11	12	9	8	7	5	4	2	2	1	0	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.

