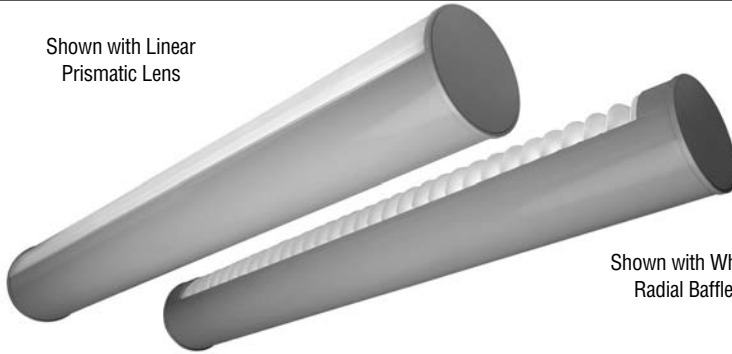


Round Series

Catalog Number	Type
Project Name	

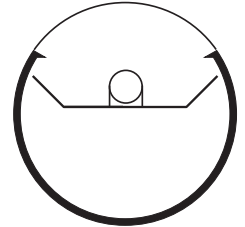
AR603 • AR603TR • AR604 • AR604TR • AR619

Shown with Linear Prismatic Lens

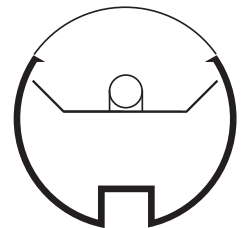


Shown with White Radial Baffle

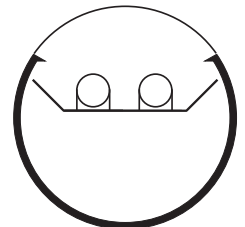
6³/₄" Round
110° Indirect Aperture
(T8, T5 or T5HO Lamps)



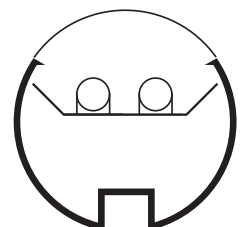
AR603



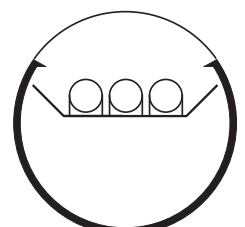
AR603TR



AR604



AR604TR



AR619

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 Controls

- (LP) Clear extruded 100% DR acrylic linear prismatic lens
- (BW) One-piece white aluminum radial baffle
- (WD) Clear extruded 100% DR acrylic linear prismatic wide distribution lens
- (OP) Open

Reflectors

Die-formed from .020" thick aluminum and finished with a high reflectance white enamel.

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.

Standard Lengths:
4', 8' and 12'

Series

- AR603
- AR603TR
- AR604
- AR604TR
- AR619

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
- T = Telescoping End

AR619-12-CN-LP-F01M-V-T8-[]

Indirect Optical Controls

- LP**
Linear Prismatic Lens
- BW**
White Radial Baffle
- WD**
Wide Distribution Lens (AR603 and AR603TR only)
- OP**
Open

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-I/O** (Inboard/Outboard) Lamp Row Switching (Common Neutral Utilized)
- 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
- ROT** Rotatable



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

AR603

6 3/4" Round Indirect

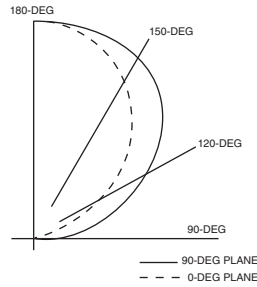
Linear Prismatic Lens

Catalog Number: AR603-4-X-LP-F01-120-T12

Report Number: LTL #00231.ies

Luminaire Description: Extruded Aluminum Housing, White Enamel Reflector

Lamps: One F40T12/CW rated at 3150 lumens



CANDELA DISTRIBUTION LUMENS

	0.0	22.5	45.0	67.5	90.0
0	0	0	0	0	0
5	0	0	0	0	0
15	0	0	0	0	0
25	0	0	0	0	0
35	0	0	0	0	0
45	0	0	0	0	0
55	0	0	1	2	1
65	0	0	4	6	3
75	0	3	16	18	13
85	0	15	48	51	39
90	0	27	72	79	77
95	6	44	101	113	111
105	47	96	172	195	199
115	146	183	256	294	301
125	268	299	352	392	403
135	371	402	444	477	489
145	455	476	512	538	547
155	518	529	551	572	580
165	564	568	575	585	588
175	586	586	587	588	588
180	589	589	589	589	589

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	60	60	60	60	52	52	52	52	36	36	36	21	21	21	8	8	8	2
1	54	51	49	47	46	44	42	40	30	29	28	18	17	17	6	6	6	1
2	49	45	41	38	42	38	35	33	26	25	23	15	14	14	5	5	5	0
3	45	39	35	31	38	34	30	27	23	21	19	14	12	11	5	4	4	0
4	41	34	30	26	35	30	26	23	20	18	16	12	11	10	4	4	3	0
5	37	30	26	22	32	26	22	19	18	16	14	11	9	8	4	3	3	0
6	34	27	22	19	29	23	19	17	16	14	12	10	8	7	3	3	2	0
7	31	24	20	16	27	21	17	14	15	12	10	9	7	6	3	2	2	0
8	29	22	17	14	25	19	15	12	13	11	9	8	6	5	3	2	2	0
9	27	20	15	13	23	17	13	11	12	9	8	7	6	5	2	2	2	0
10	25	18	14	11	21	16	12	10	11	9	7	6	5	4	2	2	1	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	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																
10.	10.	4	5	6	7	5	6	7	8	5	6	7	9	6	8	9	11
10.	15.	6	7	8	9	6	8	9	10	7	8	10	11	8	10	11	14
15.	20.	10	12	13	15	11	13	15	16	12	13	16	18	13	15	18	21
15.	30.	15	17	19	21	16	18	20	22	16	19	22	24	18	21	25	28
20.	20.	13	15	17	18	14	16	18	20	15	17	19	22	16	19	22	25
20.	30.	19	21	24	26	20	22	26	28	21	23	27	30	22	26	30	34
20.	40.	25	27	31	33	26	28	33	36	27	30	35	38	29	33	38	43
20.	60.	37	39	46	48	38	41	48	51	39	43	50	54	42	47	55	60
30.	30.	28	30	34	36	29	31	36	39	30	33	38	41	31	35	41	45
30.	40.	36	38	45	47	37	40	46	49	38	42	48	52	40	45	52	57
30.	50.	45	47	55	58	46	49	57	60	47	51	59	63	50	55	64	69
30.	60.	53	56	65	68	55	58	67	71	56	60	70	74	59	65	75	81
60.	60.	102	106	123	127	104	109	127	131	106	112	130	136	109	117	136	144
60.	80.	135	139	162	166	137	142	166	171	139	146	170	176	143	152	177	186
60.	100.	168	172	201	205	170	176	205	211	173	180	209	217	178	187	218	229
100.	100.	276	281	327	333	279	285	332	339	281	290	338	346	287	299	349	361

AR604

6 3/4" Round Indirect

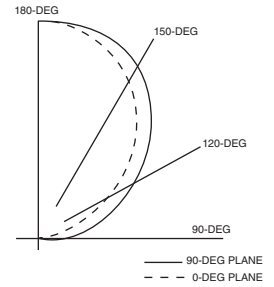
Linear Prismatic Lens

Catalog Number: AR604-4-X-LP-F01-120-T12

Report Number: LTL #00237.ies

Luminaire Description: Extruded Aluminum Housing, White Enamel Reflector

Lamps: Two F40T12/CW rated 3150 lumens each



CANDELA DISTRIBUTION LUMENS

	0.0	22.5	45.0	67.5	90.0
0	0	0	0	0	0
5	0	0	0	0	0
15	0	0	0	0	0
25	0	0	0	0	0
35	0	0	0	0	0
45	0	0	0	0	0
55	0	0	0	2	3
65	0	0	6	10	11
75	0	4	25	30	30
85	0	21	72	82	80
90	0	40	107	122	121
95	11	69	151	174	175
105	83	159	260	291	298
115	248	312	402	437	444
125	461	507	577	611	619
135	655	693	747	781	789
145	814	841	886	912	920
155	937	955	980	1003	1010
165	1023	1030	1043	1054	1058
175	1064	1067	1068	1071	1073
180	1072	1072	1072	1072	1072

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	50	50	50	50	43	43	43	43	30	30	30	18	18	18	7	7	7	1
1	45	43	41	39	39	37	35	34	25	24	23	15	14	14	5	5	5	0
2	41	37	34	32	35	32	29	27	22	20	19	13	12	11	4	4	4	0
3	37	33	29	26	32	28	25	23	19	17	16	11	10	9	4	3	3	0
4	34	29	25	22	29	25	22	19	17	15	13	10	9	8	3	3	3	0
5	31	25	21	19	26	22	19	16	15	13	11	9	8	7	3	3	2	0
6	29	23	19	16	24	20	16	14	14	11	10	8	7	6	3	2	2	0
7	26	20	16	14	22	17	14	12	12	10	8	7	6	5	2	2	2	0
8	24	18	15	12	21	16	13	10	11	9	7	6	5	4	2	2	1	0
9	22	17	13	10	19	14	11	9	10	8	6	6	5	4	2	2	1	0
10	21	15	12	9	18	13	10	8	9	7	6	5	4	3	2	1	1	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	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																
10.	10.	3	3	4	4	3	4	4	5	3	4	5	5	4	5	6	7
10.	15.	4	4	5	5	4	5	5	6	4	5	6	7	5	6	7	8
15.	20.	6	7	8	9	7	8	9	10	7	8	10	11	8	9	11	13
15.	30.	9	10	12	13	10	11	12	14	10	11	13	15	11	13	15	17
20.	20.	8	9	10	11	9	10	11	12	9	10	12	13	10	12	13	15
20.	30.	12	13	15	16	12	13	16	17	13	14	16	18	14	16	18	20
20.	40.	15	16	19	20	16	17	20	22	16	18	21	23	18	20	23	26
20.	60.	22	24	28	29	23	25	29	31	24	26	30	33	25	28	33	36
30.	30.	17	18	21	22	17	19	22	23	18	20	23	25	19	21	25	27
30.	40.	22	23	27	28	23	24	28	30	23	25	29	31	24	27	32	34
30.	50.	27	28	33	35	28	30	34	36	28	31	36	38	30	33	38	42
30.	60.	32	34	39	41	33	35	41	43	34	36	42	45	35	39	45	49
60.	60.	62	64	74	76	63	65	76	79	64	67	78	82	66	70	82	86
60.	80.	81	83	97	100	82	85	99	103	84	87	102	106	86	91	106	112
60.	100.	101	103	120	123	102	106	123	127	104	108	126	130	107	112	131	137
100.	100.	165	169	196	200	167	171	199	204	169	174	202	208	172	179	209	217



Note: See Website for additional Photometric Reports.