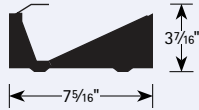


FEATURES

- Cove light with unparalleled performance
- Dedicated reflector system delivers light uniformly across ceiling and wall with no shadows or streaks
- All fixtures are standard with quick disconnect wiring plugs
- Reflector system is hinged to the housing for easy removal and quick access to ballast and electrical system
- Available with T5, T5HO, T8 or TT lamps

SHAPE AND DIMENSIONS



PROJECT INFORMATION

Project Name	Type
Catalog No.	Date

CONSTRUCTION

- The PIC Cove light is constructed of die-formed, cold rolled, code gauge steel.
- Its nominal 7 1/4" x 2 7/8" size and choice of five lamp cross sections allows flexibility while providing excellent optics.
- The precisely formed reflector places maximum candela at low angles for uniform ceiling and wall illumination, and eliminates socket shadows on the wall.
- The snap-in reflector system permits easy ballast access without tools.

FINISH

Reflector finish is standard high reflectance white powder coat. All painted parts are treated with a five-stage phosphate bonding process and finished with a high-temperature baked white enamel.

INSTALLATION

The PIC is designed for lay-in installation in architectural coves. Bend over tabs allow a quick and simple method to secure fixtures in rows. Holes are furnished in housing bottom for optional screw attachment where fixture must be secured to structure.

LABELS AND ELECTRICAL

- All fixtures bear appropriate UL or CSA labels.
- Fixtures are prewired with class 'P' ballasts for T8 or T5 twin tube, T5 standard, or T5HO operation as appropriate.
- For rapid field installation, all fixtures mounted in-row are furnished with single circuit through wiring and quick-connect plugs as standard.
- Damp label available on most models.

Name:	PIC-1T8-E
Test #:	12578
Efficiency:	73.5%
LER:	63

ORDERING INFORMATION

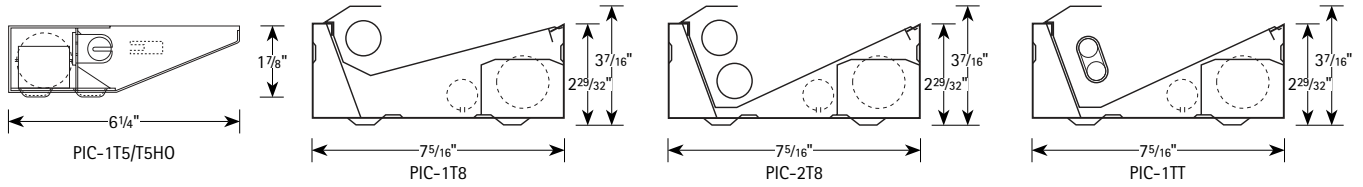
EXAMPLE: PIC4-1T8-EU-EL

PIC		-		-		-		-	
MODEL	ROW LENGTH	LAMP TYPE AND PROFILE		BALLAST		VOLTAGE		OPTIONS	
PIC Perimeter Indirect Cove light	2 2' Single	1T5	One T5 Lamp	E	Electronic, Instant Start, (Std. for T8)	U	120V-277V	EL	One Emergency Battery Pack ^{1,2}
	3 3' Single	1T5HO	One T5HO Lamp	EP	Electronic, Programmed Start (Std. for T5 & T5HO, optional for T8)	120	120V	GLR	Fast Blow Fuse
	4 4' Single	1T8	One T8 Lamp			277	277V	GMF	Slow Blow Fuse
	6 6' Single	2T8	Two T8 Lamps	ED	Electronic, Dimming (Must specify)	347	347V	CSA	UL listed or CSA certified for Canada
	8 8' Single	1TT	One 40 Watt Twin Tube Lamp (In cross section)	ETT	Electronic Twin Tube, Instant Start			DL	Damp Label (Available on most models)
	– Indicate row length over 8' in 4' increments	150TT	One 50 Watt Twin Tube Lamp	EPTT	Electronic Twin Tube, Programmed Start				
	Note: Rows over 8' will be configured by Alera. Example: 16' will be (2) 8'. Alternate configurations: contact factory.				Unless specified, Alera will use fewest ballasts possible.				

¹ Specify voltage. For additional, specify quantity before nomenclature (Example: 2EL120, EMC277).

² Not available with all configurations; some limitations apply. Contact factory for details.

CROSS SECTION



PHOTOMETRIC DATA

LUMINAIRE DATA Test 12757

Luminaire	PIC-1T5HO-EP-MIRO4 PIC Architectural Surface Mounted 7" x 48" 1-Lamp Wall Wash w/Miro4 Insert Et White Reflector
Ballast	QT1X54/120PHO
Ballast Factor	1.00
Lamp	F54T5
Lumens per Lamp	4400
Watts	60
Mounting	Recessed
Shielding Angle	0° = 0 90° = 0
Spacing Criterion	0° = N/A 90° = N/A
Luminous Opening in Feet	Length: 3.86 Width: 0.34 Height: 0.00

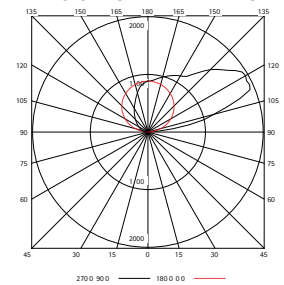
AVG. LUMINANCE (Candela/Sq. M.)

Data not available.

COEFFICIENTS OF UTILIZATION (%)

RCR	80					70					50					0
	RW	70	50	30	10	70	50	30	10	50	30	10	0			
1	76	73	70	67	65	62	60	58	43	41	40	0				
2	70	64	59	55	59	54	51	47	37	35	33	0				
3	63	56	50	45	54	48	43	39	33	30	28	0				
4	58	49	43	38	49	42	37	33	29	26	23	0				
5	53	43	37	32	45	37	32	28	26	22	20	0				
6	48	39	32	27	41	33	28	24	23	19	17	0				
7	44	35	28	24	38	30	24	21	21	17	15	0				
8	41	31	25	20	35	27	21	18	18	15	13	0				
9	38	28	22	18	32	24	19	16	17	13	11	0				
10	35	25	20	16	30	22	17	14	15	12	10	0				

INDOOR CANDELA PLOT



RCR = Room Cavity Ratio

RC = Effective Ceiling Cavity Reflectance RW = Wall Reflectance

ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt.
90-120	1453	33.0	37.4
90-130	2135	48.5	55.0
90-150	3188	72.5	82.1
90-180	3884	88.3	100.0
0-180	3884	88.3	100.0

ENERGY DATA

Total Luminaire Efficiency	88.3%
Luminaire Efficacy Rating (LER)	65
ANSI/IESNA RP-1-2004 Compliance	-
Comparative Yearly Lighting Energy Cost per 1000 Lumens	\$3.69 based on 3000 hrs. and \$0.08 per KWH

Test Date 2/21/01

PHOTOMETRIC DATA

LUMINAIRE DATA Test 12576

Luminaire	PIC2TT-TT PIC Architectural Surface Mounted 7" x 48" 2-Lamp with White Reflector
Ballast	R-2B540
Ballast Factor	0.95
Lamp	F40TT
Lumens per Lamp	3150
Watts	90
Mounting	Surface
Shielding Angle	0° = 90 90° = 90
Spacing Criterion	0° = N/A 90° = N/A
Luminous Opening in Feet	Length: 4.00 Width: 0.44 Height: 0.00

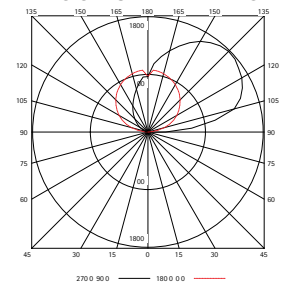
AVG. LUMINANCE (Candela/Sq. M.)

Angle	90.0	135.0	180.0	225.0	270.0
	0	0	0	0	0
30	0	0	0	0	0
40	0	0	0	0	0
45	0	0	0	0	0
50	0	0	0	0	0
55	0	0	0	0	0
60	0	0	0	0	0
65	0	0	0	0	0
70	0	0	0	0	0
75	0	0	0	0	0
80	70	70	70	0	0
85	2526	351	281	0	0

COEFFICIENTS OF UTILIZATION (%)

RCR	80					70					50					0
	RW	70	50	30	10	70	50	30	10	50	30	10	0			
1	61	58	55	53	52	49	47	45	34	33	31	0				
2	55	50	46	43	47	43	40	37	30	28	26	0				
3	50	44	39	36	43	38	34	31	26	24	22	0				
4	46	39	34	30	39	33	29	26	23	20	18	0				
5	42	34	29	25	36	30	25	22	20	18	16	0				
6	38	31	25	22	33	26	22	19	18	15	13	0				
7	35	27	22	19	30	24	19	16	16	14	11	0				
8	32	25	20	16	28	21	17	14	15	12	10	0				
9	30	22	17	14	26	19	15	12	13	11	9	0				
10	28	20	15	12	24	17	13	11	12	9	8	0				

INDOOR CANDELA PLOT



RCR = Room Cavity Ratio

RC = Effective Ceiling Cavity Reflectance RW = Wall Reflectance

ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt.
0-30	0	0.0	0.0
0-40	0	0.0	0.0
0-60	0	0.0	0.0
0-90	29	.05	.07
90-120	1542	24.5	35.0
90-130	2274	36.1	51.5
90-150	3565	56.6	80.8
90-180	4382	69.6	99.3
0-180	4411	70.0	100.0

ENERGY DATA

Total Luminaire Efficiency	70.0%
Luminaire Efficacy Rating (LER)	47
ANSI/IESNA RP-1-2004 Compliance	-
Comparative Yearly Lighting Energy Cost per 1000 Lumens	\$5.11 based on 3000 hrs. and \$0.08 per KWH

Test Date 7/26/00

PHOTOMETRIC DATA

LUMINAIRE DATA Test 12577

Luminaire	PIC2T8-E
	PIC Architectural Surface Mounted
	7" x 48" 2-Lamp with White Reflector
Ballast	B232120RH
Ballast Factor	0.88
Lamp	F32T8
Lumens per Lamp	2900
Watts	53
Mounting	Surface
Shielding Angle	0° = 90 90° = 90
Spacing Criterion	0° = N/A 90° = N/A
Luminous Opening in Feet	Length: 4.00 Width: 0.42 Height: 0.00

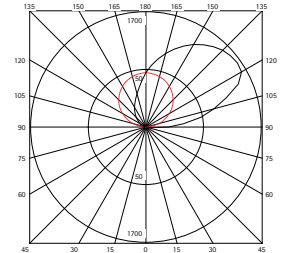
AVG. LUMINANCE (Candela/Sq. M.)

Angle	90.0	135.0	180.0	225.0	270.0
0	0	0	0	0	0
30	0	0	0	0	0
40	0	0	0	0	0
45	0	0	0	0	0
50	0	0	0	0	0
55	0	0	0	0	0
60	0	0	0	0	0
65	0	0	0	0	0
70	0	0	0	0	0
75	0	0	0	0	0
80	74	74	37	0	0
85	6763	2279	221	0	0

COEFFICIENTS OF UTILIZATION (%)

RCR	80				70				50				0
	RW	70	50	30	10	70	50	30	10	50	30	10	0
1	56	53	51	48	48	45	43	42	31	30	29	0	
2	51	46	43	39	43	40	37	34	27	25	24	0	
3	46	41	36	33	39	35	31	28	24	22	20	0	
4	42	36	31	27	36	31	27	24	21	19	17	0	
5	38	32	27	23	33	27	23	20	19	16	14	0	
6	35	28	23	20	30	24	20	17	17	14	12	0	
7	32	25	20	17	28	22	18	15	15	12	11	0	
8	30	23	18	15	25	19	16	13	13	11	9	0	
9	28	20	16	13	24	18	14	11	12	10	8	0	
10	26	18	14	11	22	16	12	10	11	9	7	0	

INDOOR CANDELA PLOT



RCR = Room Cavity Ratio
RC = Effective Ceiling Cavity Reflectance RW = Wall Reflectance

ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt.
0-30	0	0.0	0.0
0-40	0	0.0	0.0
0-60	0	0.0	0.0
0-90	42	0.7	1.1
90-120	1310	22.6	35.1
90-130	1950	33.6	52.2
90-150	3027	52.2	81.0
90-180	3695	63.7	98.9
0-180	3737	64.4	100.0

ENERGY DATA

Total Luminaire Efficiency	64.4%
Luminaire Efficacy Rating (LER)	62
ANSI/IESNA RP-1-2004 Compliance	-
Comparative Yearly Lighting Energy Cost per 1000 Lumens	\$3.87 based on 3000 hrs. and \$0.08 per KWH

Test Date 7/26/00

PHOTOMETRIC DATA

LUMINAIRE DATA Test 12578

Luminaire	PIC1T8-E
	PIC Architectural Surface Mounted
	7" x 48" 1-Lamp with White Reflector
Ballast	B232120RH
Ballast Factor	1.03
Lamp	F32T8
Lumens per Lamp	2900
Watts	35
Mounting	Surface
Shielding Angle	0° = 90 90° = 90
Spacing Criterion	0° = N/A 90° = N/A
Luminous Opening in Feet	Length: 4.00 Width: 0.44 Height: 0.00

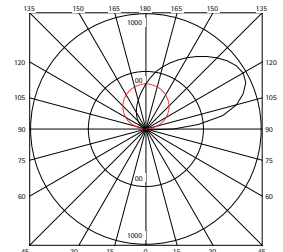
AVG. LUMINANCE (Candela/Sq. M.)

Angle	90.0	135.0	180.0	225.0	270.0
0	0	0	0	0	0
30	0	0	0	0	0
40	0	0	0	0	0
45	0	0	0	0	0
50	0	0	0	0	0
55	0	0	0	0	0
60	0	0	0	0	0
65	0	0	0	0	0
70	0	0	0	0	0
75	0	0	0	0	0
80	35	35	35	0	0
85	4772	1333	140	0	0

COEFFICIENTS OF UTILIZATION (%)

RCR	80				70				50				0
	RW	70	50	30	10	70	50	30	10	50	30	10	0
1	64	60	58	55	54	52	50	48	36	34	33	0	
2	58	53	48	45	49	45	42	39	31	29	27	0	
3	53	46	41	37	45	40	36	32	27	25	23	0	
4	48	41	35	31	41	35	31	27	24	21	19	0	
5	44	36	30	26	37	31	26	23	21	18	16	0	
6	40	32	27	23	34	28	23	20	19	16	14	0	
7	37	29	23	19	31	25	20	17	17	14	12	0	
8	34	26	20	17	29	22	18	15	15	12	10	0	
9	32	23	18	15	27	20	16	13	14	11	9	0	
10	29	21	16	13	25	18	14	11	13	10	8	0	

INDOOR CANDELA PLOT



RCR = Room Cavity Ratio
RC = Effective Ceiling Cavity Reflectance RW = Wall Reflectance

ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt.
0-30	0	0.0	0.0
0-40	0	0.0	0.0
0-60	0	0.0	0.0
0-90	29	1.0	1.4
90-120	870	30.0	40.8
90-130	1218	42.0	57.1
90-150	1770	61.0	83.0
90-180	2103	72.5	98.6
0-180	2132	73.5	100.0

ENERGY DATA

Total Luminaire Efficiency	73.5%
Luminaire Efficacy Rating (LER)	63
ANSI/IESNA RP-1-2004 Compliance	-
Comparative Yearly Lighting Energy Cost per 1000 Lumens	\$3.81 based on 3000 hrs. and \$0.08 per KWH

Test Date 7/26/00