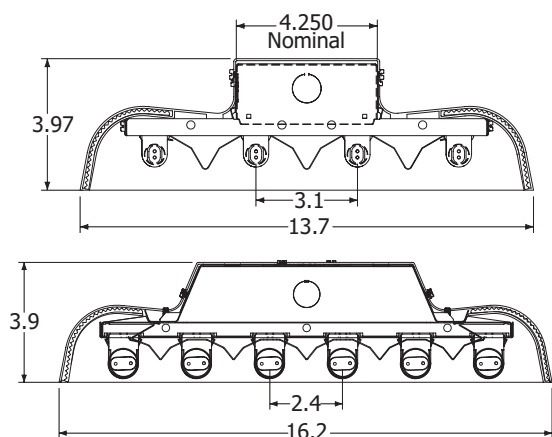


ACR™

Compound Acrylic High Bay



4 and 6-Lamp T5 and T8 Component Kit



Modular Highbay Kits from A.L.P. feature common parts so that you can offer your customers a wide variety of highbay options with minimal stocking requirements. Choose the basic Express™ model or ACR™ (pictured above) with upgraded features.

Flexible: Engineered for both T5 and T8 lamps. Compound Acrylic and high-reflectance white or Miro4™ specular optics serve a wide range of high and low bay applications.

Sophisticated: High-impact injection molded ABS end cap provides a sleek finish for any application. Engineered Linear Acrylic Reflector design combines efficient reflection and refraction to manage brightness while delivering even indirect illumination.

Clean: Convective air path created through the compound reflector panel draws airborne particles away from the upward facing optical surfaces.

Cool: Strategically located venting maintains efficient lamp operation while cooling the ballast cavity.

Specifications

Reflector Material: Miro4™ or Baked White Enamel & Virgin DR Acrylic

Housing Material: Die Formed CRS

End Caps: High impact injection molded ABS

ACR Housing Parts

4-Lamp Housing Parts

ACR SEPCO4 MOD	4-lamp ballast cover
SEP240B	4-lamp housing body

6-Lamp Housing Part

300-240b-ACR	6-lamp housing body
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ACR Socket Assembly Parts

4-Lamp Socket Plate Sets

ACR 4T5SPEP	T5 socket plate
ACR 4T8SPEP	T8 socket plate
ACR 4SPT*	End plate and socket wiring channel

6-Lamp Socket Plate Sets**

ACR 6T5SPEP	One piece T5 socket/end plate for socket wiring
ACR 6T8SPEP	One piece T8 socket/end plate for socket wiring

*Same part used for T5 or T8 in any 4-lamp application

**6-lamp socket/end plate is one piece

ACR Highbay/Lowbay Reflector Options

4-Lamp Reflectors

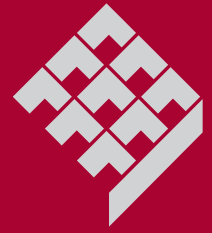
ACR 4RMREFL	4-Lamp Miro 4™ Reflector
ACR 4RWREFL	4-Lamp High Reflectance White Reflector

6-Lamp Reflectors

ACR 6RMREFL	6-Lamp Miro 4™ Reflector
ACR 6RWREFL	6-Lamp High Reflectance White Reflector

Acrylic Upgrade Kit

ACR LP LENS P4	Side panel for 4-lamp or 6-lamp
ACR 4ECW	4-lamp plastic end cap
ACR 6ECW	6-lamp plastic end cap

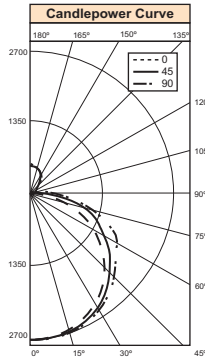


4-Lamp T5 and T8 Photometric Data

ACR RWT8 448
Lamps: (4) 32W T8 FO32/835 Linear Fluorescents

ZONAL LUMEN SUMMARY

ZONE	LUMENS	%BARELAMP	%LUMINAIRE
0-30	2242	19.0	20.2
0-40	3734	31.6	33.7
0-60	6939	58.8	62.6
0-90	9779	82.9	88.3
90-120	361	3.1	3.3
90-130	513	4.3	4.6
90-150	920	7.8	8.3
90-180	1300	11.0	11.7
0-180	11079	93.9	100.0



COEFFICIENTS OF UTILIZATION

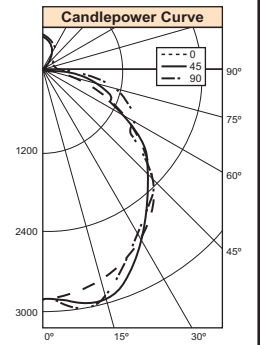
Room Cavity Ratio	CEILING CAVITY REFLECTANCE										
	80				70				50		
	70	50	30	10	70	50	30	10	50	30	10
0	109	109	109	109	105	105	105	105	98	98	98
1	98	93	89	84	94	90	86	82	84	80	77
2	88	80	73	67	85	77	71	65	72	67	62
3	80	69	61	55	77	67	60	54	63	56	51
4	73	61	52	46	70	59	51	45	55	48	43
5	67	54	45	39	64	53	44	38	49	42	37
6	62	49	40	34	59	47	39	33	44	37	32
7	57	44	35	29	55	43	35	29	40	33	28
8	53	40	32	26	51	39	31	26	37	30	25
9	49	36	29	23	47	35	28	23	34	27	22
10	46	34	26	21	44	33	25	21	31	25	20

ITL Report Number: ITL55141

ACR RMT8 448
Lamps: (4) 32W T8 FO32/835 Linear Fluorescents

ZONAL LUMEN SUMMARY

ZONE	LUMENS	%BARELAMP	%LUMINAIRE
0-30	2753	23.3	24.0
0-40	4462	37.8	38.9
0-60	7754	65.7	67.7
0-90	10300	87.3	89.9
90-120	314	2.7	2.7
90-130	441	3.7	3.8
90-150	803	6.8	7.0
90-180	1159	9.8	10.1
0-180	11459	97.1	100.0



COEFFICIENTS OF UTILIZATION

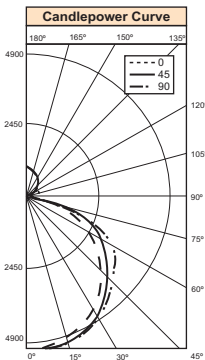
Room Cavity Ratio	CEILING CAVITY REFLECTANCE										
	80				70				50		
	70	50	30	10	70	50	30	10	50	30	10
0	113	113	113	113	109	109	109	109	102	102	102
1	103	98	93	89	99	94	90	87	88	85	82
2	93	85	78	72	89	82	76	70	77	72	67
3	85	74	66	60	81	72	64	58	68	61	56
4	77	66	57	50	74	64	56	49	60	53	48
5	71	59	50	43	68	57	49	43	54	47	41
6	66	53	44	38	63	51	43	37	48	41	36
7	61	48	39	33	59	46	38	33	44	37	32
8	57	44	35	30	55	42	35	29	40	33	28
9	53	40	32	27	51	39	31	26	37	30	26
10	50	37	29	24	48	36	29	24	34	28	23

ITL Report Number: ITL55142

ACR RWT5 446
Lamps: (4) 54W T5 FP54/835/HO Linear Fluorescents

ZONAL LUMEN SUMMARY

ZONE	LUMENS	%BARELAMP	%LUMINAIRE
0-30	4241	21.2	21.3
0-40	7045	35.2	35.4
0-60	13012	65.1	65.4
0-90	17309	86.5	87.0
90-120	678	3.4	3.4
90-130	986	4.9	5.0
90-150	1845	9.2	9.3
90-180	2594	13.0	13.0
0-180	19903	99.5	100.0



COEFFICIENTS OF UTILIZATION

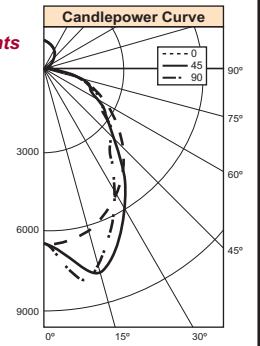
Room Cavity Ratio	CEILING CAVITY REFLECTANCE										
	80				70				50		
	70	50	30	10	70	50	30	10	50	30	10
0	115	115	115	115	111	111	111	111	103	103	103
1	105	100	96	92	101	96	92	89	90	87	84
2	95	86	79	74	91	83	77	72	78	73	68
3	86	75	67	60	82	73	65	59	68	62	56
4	78	66	57	51	75	64	56	50	60	53	48
5	72	59	50	43	69	57	49	42	53	46	41
6	66	53	44	37	63	51	43	37	48	41	35
7	61	48	39	33	59	46	38	32	44	36	31
8	57	43	35	29	55	42	34	28	40	33	28
9	53	40	31	26	51	39	31	25	36	30	25
10	50	36	29	23	48	35	28	23	34	27	22

ITL Report Number: ITL55144-2 (Tested at 35° C Ambient)

ACR RMT5 446
Lamps: (4) 54W T5 FP54/835/HO Linear Fluorescents

ZONAL LUMEN SUMMARY

ZONE	LUMENS	%BARELAMP	%LUMINAIRE
0-30	5719	28.6	28.3
0-40	8961	44.8	44.4
0-60	14536	72.7	72.0
0-90	17800	89.0	88.2
90-120	605	3.0	3.0
90-130	882	4.4	4.4
90-150	1673	8.4	8.3
90-180	2379	11.9	11.8
0-180	20179	100.9	100.0



COEFFICIENTS OF UTILIZATION

Room Cavity Ratio	CEILING CAVITY REFLECTANCE										
	80				70				50		
	70	50	30	10	70	50	30	10	50	30	10
0	117	117	117	117	113	113	113	113	106	106	106
1	108	103	99	96	104	100	96	93	93	90	88
2	98	91	84	79	95	88	82	77	82	77	73
3	90	80	72	66	87	78	70	65	73	67	62
4	83	71	63	57	80	69	61	55	65	59	53
5	76	64	55	49	73	62	54	48	59	52	47
6	71	58	49	43	68	56	48	42	53	46	41
7	66	53	44	38	63	51	43	38	49	42	37
8	61	48	40	34	59	47	39	34	45	38	33
9	57	44	36	31	55	43	36	31	41	34	30
10	54	41	33	28	52	40	33	28	38	32	27

ITL Report Number: ITL55144-2 (Tested at 35° C Ambient)

