

# COOPER LIGHTING - ALL PRO®

## DESCRIPTION

The APLBC/APLBA Series is a Low Bay family of light duty industrials that feature excellent performance and durability. The series incorporates sturdy embossed reflectors that precisely direct and effectively control light. The All Pro Low Bay Industrials are available with both Apertured (APLBA) and Closed Top (APLBC) reflector combinations.

This Low Bay Series can be utilized in simple task and area lighting and industrial applications.

<b>Catalog #</b>		<b>Type</b>
<b>Project</b>		
<b>Comments</b>		<b>Date</b>
<b>Prepared by</b>		

## SPECIFICATION FEATURES

### Construction

Channel is constructed of code gauge cold rolled steel with numerous KO's for ease of installation. End plate quickly connects to channel connector. Groove for tong hanger lamp holder bracket flips in place.

### Electrical\*

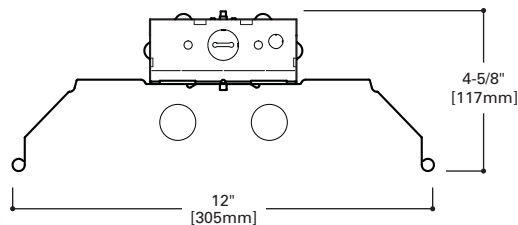
Equipped with NEMA premium ballast. UL/CUL listed. Suitable for damp locations.

### Finish

Baked white enamel finish ensures maximum bonding and rust inhibitor.

### Reflectors

Die formed, code gauge steel. Formed edges for added strength. 12" width. Reflectors secured with quarter-turn fasteners. All reflectors 4' sections. Baked white enamel. Standard with 8% uplight (APLBA). Closed top reflector (APLBC).



## APLBC/APLBA 232

4' OR 8' INDUSTRIAL  
2 OR 4 T8 LAMPS

Low Bay Industrial

## SHIPPING INFORMATION

Catalog Number	Product Description	Wattage	UPC	Catalog Number	WGT.	Pallet Qty.
APLBA-232	48", 2 LAMP, LOW BAY INDUSTRIAL W/ 8% UPLIGHT	32W	080083622085	APLBA-232	9.33	48
APLBC-232	48", 2 LAMP, LOW BAY INDUSTRIAL	32W	080083622092	APLBC-232	9.33	48
AP8LBC-232	96", 4 LAMP, LOW BAY INDUSTRIAL	32W	080083622108	AP8LBC-232	18.97	48

LAMPS CONTAIN MERCURY. DISPOSE ACCORDING TO LOCAL, STATE OR FEDERAL LAWS

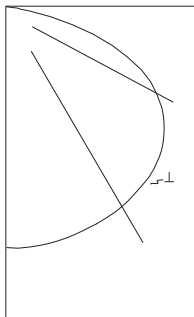
**LINEAR DISCONNECT**

Safe and convenient means of disconnecting power.

\*Reference the lamp/ballast data in the Technical Section for specific lamp/ballast requirements.



PHOTOMETRICS



**APLBC232**  
High Performance  
Ballast

Two-F32T8/35K Lamps  
2850 Lumens

Spacing criterion:  
(II) 1.3 x mounting  
height, (L) 1.5 x  
mounting height  
Efficiency 89.2%

Test Report:  
APLBC232.IES

LER = FL-80

Yearly Cost of 1000  
lumens, 3000 hrs at  
.08 KWH = \$3.00

**Coefficients of Utilization**

rc	Effective floor cavity reflectance																									
	80%				70%				50%				30%				10%				0%					
rw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0		
<b>RCR</b>																										
0	106	106	106	106	104	104	104	104	99	99	99	95	95	95	91	91	91	89	89	89	89	89	89	89	89	89
1	96	92	87	84	94	89	86	82	86	82	80	82	79	77	79	77	75	73	73	73	73	73	73	73	73	73
2	87	79	72	67	84	77	71	66	74	69	64	71	66	63	68	64	61	59	59	59	59	59	59	59	59	59
3	78	68	61	54	76	67	60	54	64	58	53	62	56	52	59	55	51	49	49	49	49	49	49	49	49	49
4	71	60	52	45	69	59	51	45	56	50	44	54	48	44	52	47	43	41	41	41	41	41	41	41	41	41
5	65	53	45	39	63	52	44	38	50	43	38	48	42	37	47	41	37	35	35	35	35	35	35	35	35	35
6	60	48	39	33	58	47	39	33	45	38	33	43	37	32	42	36	32	30	30	30	30	30	30	30	30	30
7	56	43	35	29	54	42	34	29	41	34	29	39	33	28	38	32	28	26	26	26	26	26	26	26	26	26
8	52	39	31	26	50	38	31	26	37	30	25	36	30	25	35	29	25	23	23	23	23	23	23	23	23	23
9	48	36	28	23	47	35	28	23	34	27	23	33	27	23	32	26	22	21	21	21	21	21	21	21	21	21
10	45	33	26	21	44	32	25	21	31	25	20	31	25	20	30	24	20	19	19	19	19	19	19	19	19	19

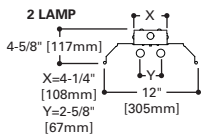
**Zonal Lumen Summary**

Zone	Lumens	%Lamp	%Fixture
0-30	1155.37	20.3	22.7
0-40	1949.47	34.2	38.3
0-60	3744.86	65.7	73.7
0-90	5061.97	88.8	99.6
90-180	22.24	.4	.4
0-180	5084.21	89.2	100.0

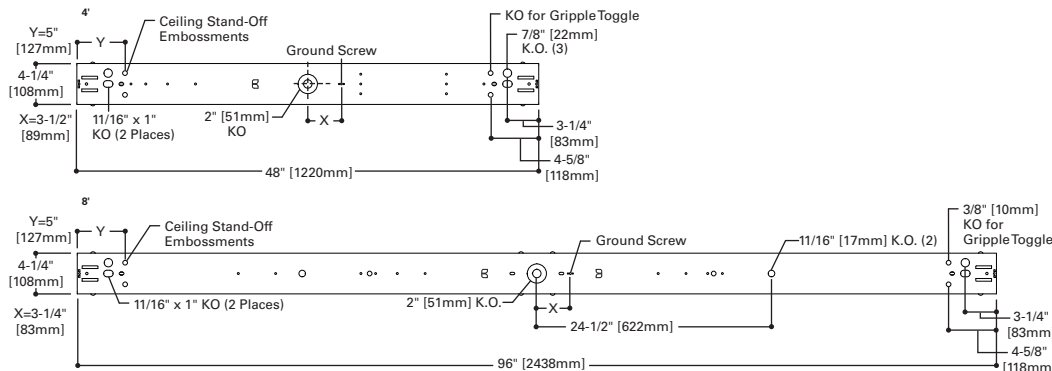
**Candela**

Angle	Along II	45°	Across ⊥
0	1433	1433	1433
10	1411	1422	1429
20	1341	1377	1412
30	1227	1312	1387
40	1076	1223	1348
50	890	1117	1247
60	673	949	1053
70	432	696	646
80	175	244	111
90	2	23	0
100	0	11	0
110	0	4	0
120	0	2	0
130	0	2	0
140	0	1	0
150	0	0	0
160	0	0	0
170	0	0	0
180	0	0	0

**LAMP CONFIGURATIONS**



**MOUNTING DATA**



For complete product data, reference the Fluorescent Specification binder. Specifications & dimensions subject to change without notice. Consult your Cooper Lighting Representative for availability and ordering information.