

# Metalux AP Series

**DESCRIPTION**

Metalux AP series APLBC/APLBA 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.

These Low Bays 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).

**Compliance**

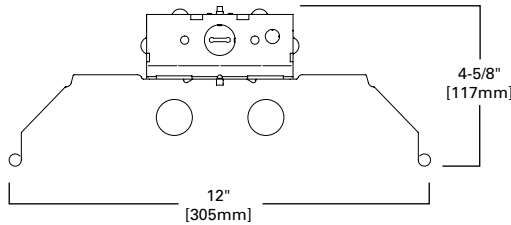
Options to meet Buy American and other domestic preference requirements.



**APLBC/APLBA**

**4' OR 8' INDUSTRIAL  
2 OR 4 T8 LAMPS**

Low Bay Industrial



| Catalog Number | Product Description | Wattage | UPC |
|----------------|---------------------|---------|-----|
|----------------|---------------------|---------|-----|

|            |   |     |              |
|------------|---|-----|--------------|
| APLBA-232  | 48", 2 LAMP, LOW BAY INDUSTRIAL W/ 8% UPLIGHT | 32W | 080083622085 |
| APLBC-232  | 48", 2 LAMP, LOW BAY INDUSTRIAL               | 32W | 080083622092 |
| AP8LBC-232 | 96", 4 LAMP, LOW BAY INDUSTRIAL               | 32W | 080083622108 |

**SHIPPING INFORMATION**

| Catalog Number | WGT.  | Pallet Qty. |
|----------------|-------|-------------|
| APLBA-232      | 9.33  | 48          |
| APLBC-232      | 9.33  | 48          |
| AP8LBC-232     | 18.97 | 48          |

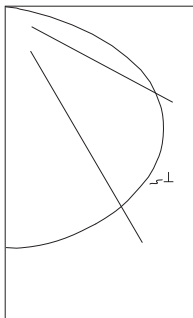
LAMPS CONTAIN MERCURY. DISPOSE ACCORDING TO LOCAL, STATE OR FEDERAL LAWS

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

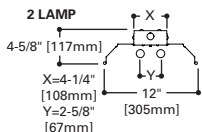
**Zonal Lumen Summary**

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

**Candela**

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

**LAMP CONFIGURATIONS**



**MOUNTING DATA**

