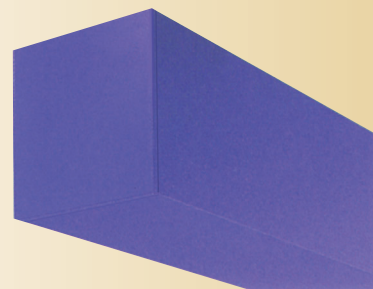
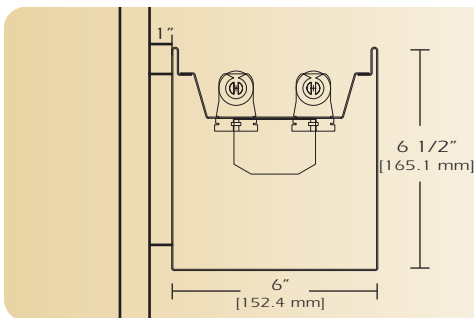


# General Illumination

PTP-I-WM



TYPE \_\_\_\_\_

## FEATURES

The PTP architectural linear series is an extraordinarily efficient steel luminaires. The PTP I WM is designed with indirect distribution for wall mounting. This series can be mounted individually, in perfectly aligned continuous rows or in any of combination of patterns. The PTP series is an ideal solution for open spaces and provides maximum design versatility.

## SPECIFICATIONS

**Housing:** Die formed 20 gauge cold rolled steel welded construction. Finished end caps are laser cut 18 gauge cold rolled steel, with no exposed hardware or knockouts. Housing aligners provide precision alignment for continuous rows.

**Reflector:** Die formed 20-gauge cold rolled steel minimum 90% reflectivity finished in high gloss baked white enamel.

**Electrical:** Ballast is electronic, high power factor, thermally protected class P, sound rated A, with less than 20% total harmonic distortion. The minimum number of ballasts will be used unless otherwise specified.

**Mounting:** Provided with wall mounting brackets measuring 5" square by 1" deep. Finished in white to match housing.

**Finish:** Fixture housing and steel components are finished in baked white enamel applied over a five-stage pretreatment process.

**Lamps:** Fixtures are provided for use with one or two 32 watt T8 lamps or 54 watt T5 HO lamps. (Supplied by Others)

**Certification:** Luminaires are U. L. Listed, C. S. A. certified and are Union Made in the United States of America. I.B.E.W.

## ORDERING GUIDE

| MODEL NO.  | DIRECTION          | NO. OF LAMPS               | LAMPS                                                                                                                         | MOUNTING               | LENGTH                                                                                       | FINISH                                     | VOLTAGE                    | OPTIONS                  |
|------------|--------------------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------|--------------------------|
| <b>PTP</b> | <b>I</b>           | <b>1</b>                   | <b>17 T8 (2')</b><br><b>25 T8 (3')</b><br><b>32 T8 (4')</b><br><b>40 T8 (5')</b><br><b>28 T5 (4')</b><br><b>54 T5 HO (4')</b> | <b>WM= Wall</b>        | <b>2= ft</b><br><b>3= ft</b><br><b>4= ft</b><br><b>5= ft</b><br><b>6= ft</b><br><b>8= ft</b> | <b>W= White</b><br><b>CC= Custom Color</b> | <b>120v</b><br><b>277v</b> | <b>See Options Below</b> |
| <b>PTP</b> | <b>I= Indirect</b> | <b>1= 1</b><br><b>2= 2</b> | <b>O=Other Specify</b>                                                                                                        | <b>See Accessories</b> | <b>for other, please enter row length (eg. 48=48ft)</b>                                      |                                            |                            |                          |

Example: **PTP-I-232T8-WM-4-W-120V**

PTP indirect for two 32 watt T8 lamps wall mounted four foot fixture finished in baked white enamel 120v electronic ballast 20% total harmonic distortion.

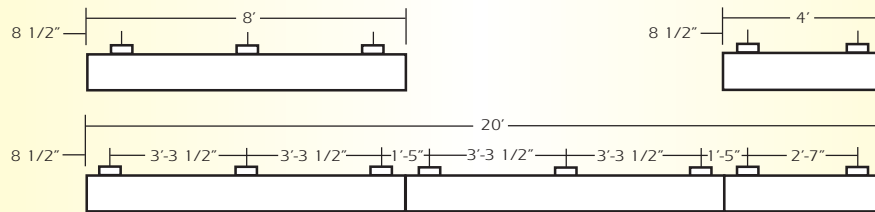
## OPTIONS

|             |                                                                                                                    |
|-------------|--------------------------------------------------------------------------------------------------------------------|
| <b>E10=</b> | Electronic ballast, high power factor, thermally protected class P, sound rated A, < 10% total harmonic distortion |
| <b>DIM=</b> | Dimming Ballast                                                                                                    |
| <b>EPC=</b> | Emergency Battery Pack                                                                                             |
| <b>EMC=</b> | Emergency Circuit                                                                                                  |
| <b>TCW=</b> | Two Circuit Wiring                                                                                                 |
| <b>OTH=</b> | See Accessories for other options available                                                                        |

# General Illumination

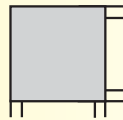
PTP-I-WM

## LINEAR SECTIONS AND SUSPENSION LOCATION



### JOINERS

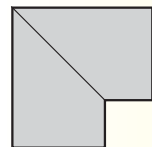
#### JB2



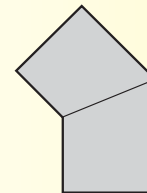
JB2-90° (Corner) Joiner Box

### CORNERS

Corners and fixture extensions are custom fabricated to precise dimensions. Please indicate the specific requirements on the layout



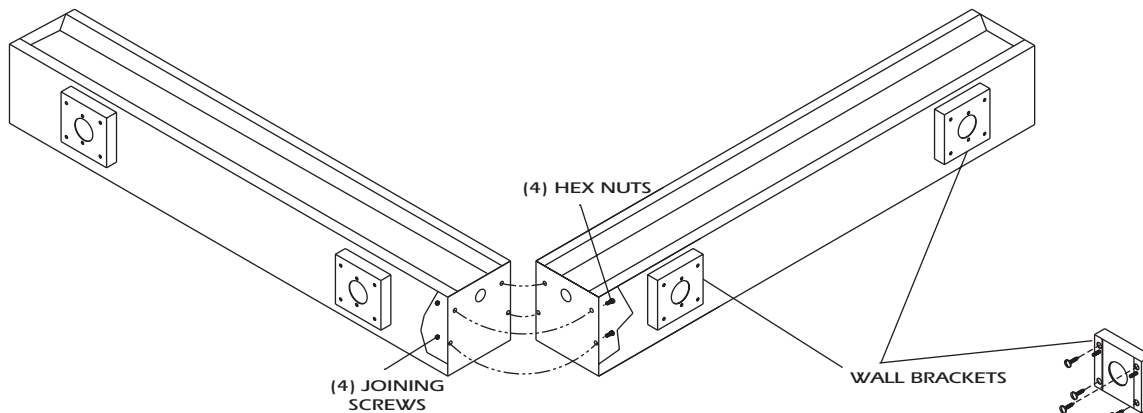
C2  
90° Corner



For any angular corner, ( )° must be specified and dimensions must be included on the layout

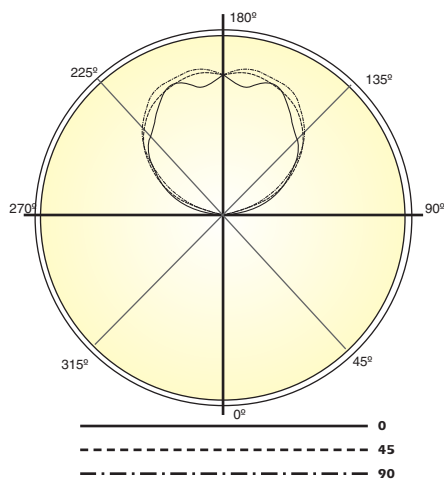
( )° AC  
Angular Corner

## INSTALLATION PREPARATION



TYPICAL JOINT DETAIL

## PHOTOMETRY



LAMP (2) 32W T8  
LUMENS: 2900 PER LAMP

### Candela Distribution:

| Vert. Angle | 0    | 22.5  | 45    | 67.5  | 90    |
|-------------|------|-------|-------|-------|-------|
| 90          | 6.06 | 0.520 | 0.250 | 0.140 | 00    |
| 95          | 71.0 | 45.1  | 7.84  | 1.55  | 0.220 |
| 100         | 189  | 184   | 113   | 65.7  | 49.5  |
| 105         | 297  | 333   | 283   | 232   | 196   |
| 110         | 413  | 469   | 440   | 410   | 391   |
| 115         | 506  | 595   | 579   | 579   | 569   |
| 120         | 614  | 704   | 725   | 714   | 712   |
| 125         | 729  | 820   | 866   | 865   | 856   |
| 130         | 801  | 905   | 977   | 1004  | 1004  |
| 135         | 931  | 999   | 1080  | 1113  | 1129  |
| 140         | 989  | 1080  | 1171  | 1207  | 1281  |
| 145         | 1104 | 1170  | 1268  | 1310  | 1315  |
| 150         | 1172 | 1232  | 1315  | 1370  | 1422  |
| 155         | 1187 | 1284  | 1360  | 1441  | 1434  |
| 160         | 1338 | 1311  | 1372  | 1420  | 1445  |
| 165         | 1335 | 1340  | 1355  | 1376  | 1394  |
| 170         | 1291 | 1317  | 1345  | 1347  | 1374  |
| 175         | 1287 | 1371  | 1367  | 1407  | 1292  |
| 180         | 1419 | 1419  | 1419  | 1419  | 1419  |

Optical Distribution:  
100% Indirect

### Coefficients of Utilization - Zonal Cavity Method:

pfc = 0.20

|     |               |             |          |          |          |   |
|-----|---------------|-------------|----------|----------|----------|---|
| pcc | .8            | .7          | .5       | .3       | .1       | 0 |
| pw  | .7 .5 .3 .1   | .7 .5 .3 .1 | .5 .3 .1 | .5 .3 .1 | .5 .3 .1 | 0 |
| RCR | 0 70 70 70 70 | 60 60 60 60 | 41 41 41 | 23 23 23 | 7 7 7    | 0 |
| 1   | 64 61 58 56   | 54 52 50 48 | 35 34 33 | 20 19 19 | 6 6 6    | 0 |
| 2   | 58 53 49 45   | 49 45 42 39 | 31 29 27 | 18 17 16 | 5 5 5    | 0 |
| 3   | 53 46 41 37   | 45 40 36 32 | 27 25 23 | 15 14 13 | 5 4 4    | 0 |
| 4   | 48 41 35 31   | 41 35 30 27 | 24 21 19 | 14 12 11 | 4 4 3    | 0 |
| 5   | 44 36 30 26   | 37 31 26 23 | 21 18 16 | 12 10 9  | 4 3 3    | 0 |
| 6   | 40 32 26 23   | 34 27 23 20 | 19 16 14 | 11 9 8   | 3 3 2    | 0 |
| 7   | 37 29 23 19   | 31 24 20 17 | 17 14 12 | 10 8 7   | 3 2 2    | 0 |
| 8   | 34 26 20 17   | 29 22 18 15 | 15 12 10 | 9 7 6    | 2 2 2    | 0 |
| 9   | 31 23 18 15   | 27 20 16 13 | 14 11 9  | 8 6 5    | 2 2 1    | 0 |
| 10  | 29 21 16 13   | 25 18 14 11 | 12 10 8  | 7 5 4    | 2 1 1    | 0 |



Total Luminaire Optical  
Efficiency = 73.9%