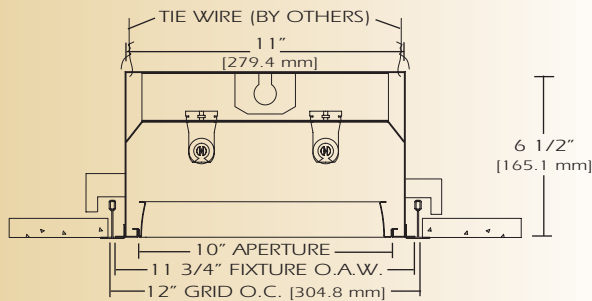


# Perimeter

C - P N R



**TYPE** \_\_\_\_\_

**FEATURES**

The C PNR center trough system is designed to produce even illumination and disperses lamp imaging and socket shadows with its internal stagger lamp. The C PNR is designed to provide continuous lighting with its internal telescopic element for grid lengths in foot increments. The C PNR series is engineered to provide easy installation for this specific architectural cover requirement.

**SPECIFICATIONS**

**Housing:** One piece fully assembled die formed 20-gauge cold rolled steel fixture is 6 1/2" x 11 3/4". Standard lengths are up to 8 feet. Mounting rail on fixture sides allow for clearance of t-bar supporting wires and provides precision alignment for continuous rows. Fixture housings join with alignment brackets for ease of installation.

**Shielding:** Parabolic louver is semi-specular low iridescence aluminum 1 1/4" x 2" O.C. with 24 cells per 4" section.

**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:** Recessed mounting for grid or flange ceilings.

**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 staggered 32 watt T8 lamps, 28 watt T5 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.	SHIELDING	LAMPS	MOUNTING	LENGTH	FINISH	VOLTAGE	OPTIONS
<b>C PNR</b>	-	-	-	-	-	-	-
<b>C PNR</b>	<b>PBL=</b> Parabolic Louver <b>SCB=</b> Steel Cross Baffle <b>PRS=</b> Prismatic Acrylic <b>WOA=</b> White Opal Acrylic	<b>132T8</b> <b>232T8</b> <b>128T5</b> <b>228T5</b> <b>154T5 HO</b> <b>254T5 HO</b>	<b>G=</b> Grid <b>F=</b> Flange  See Accessories	<b>2</b> <b>3</b> <b>4</b> <b>6</b> <b>8</b>  for other, please enter row length (eg. 48=48ft)	<b>W=</b> White <b>CC=</b> Custom Color	<b>120v</b> <b>277v</b>	<b>See Options Below</b>

Example: **C-PNR-PBL-232T8-G-4-W-120V**

C PNR with parabolic louver for two 32 watt T8 lamps grid ceiling application four foot fixture finished in baked white enamel 120v electronic ballast less than 20% total harmonic distortion.

**OPTIONS**

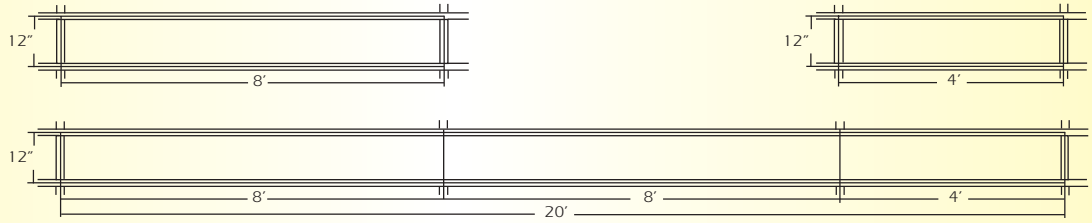
- E10=** Electronic ballast, high power factor, thermally protected class P, sound rated A, < 10% total harmonic distortion
- DIM=** Dimming Ballast
- EPC=** Emergency Battery Pack
- EMC=** Emergency Circuit
- TCW=** Two Circuit Wiring
- TDW=** Tandem Wiring
- OTH=** See Accessories for other options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

# Perimeter

# C-PNR

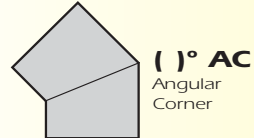
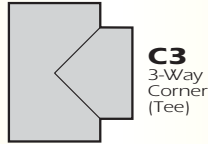
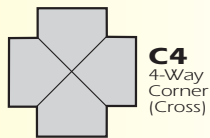
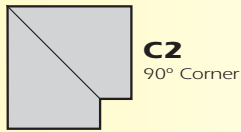
LINEAR SECTIONS AND SUSPENSION LOCATION

## SUSPENSION MOUNTING



## CORNERS

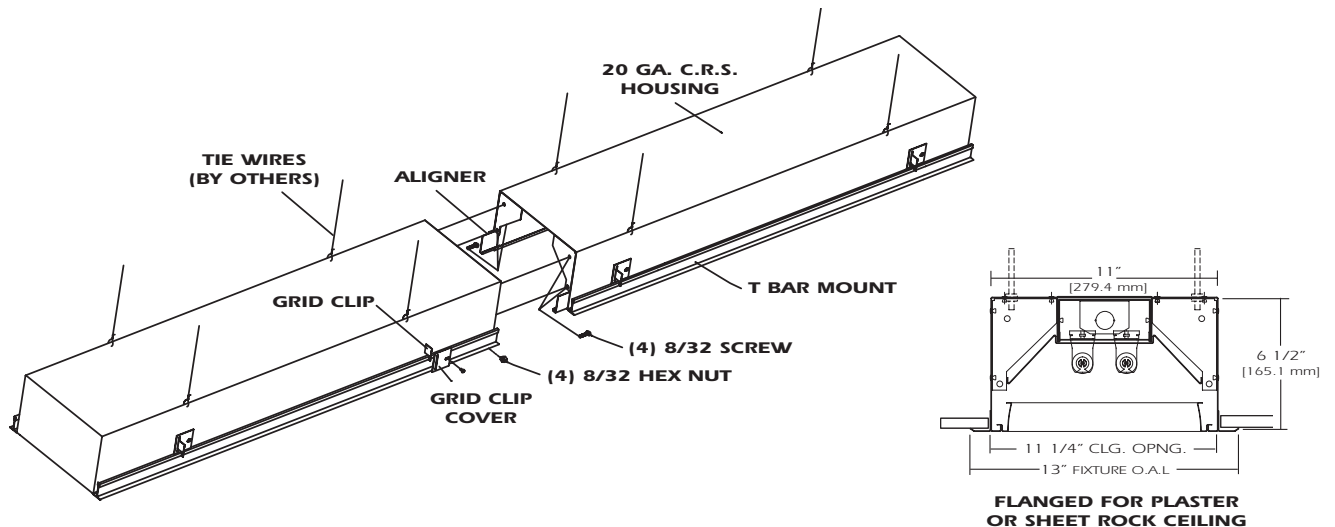
Corners and fixture extensions are custom fabricated to precise dimensions. Please indicate the specific requirements on the layout



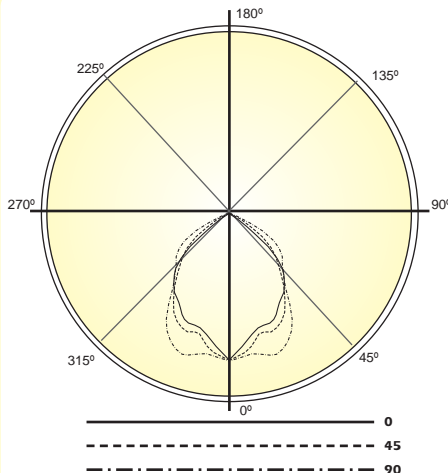
For any angular corner, ( )° must be specified and dimensions must be included on the layout

For any pattern, a layout must accompany the order.

INSTALLATION PREPARATION



PHOTOMETRY



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

### Candela Distribution:

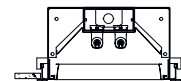
Vert. Angle	0	22.5	45	67.5	90
0	1430	1430	1430	1430	1430
5	1299	1336	1340	1349	1341
10	1294	1327	1308	1326	1318
15	1230	1257	1303	1351	1328
20	1167	1253	1320	1413	1413
25	1130	1205	1279	1381	1361
30	1048	1126	1224	1225	1190
35	912	1021	1069	1020	1025
40	807	904	895	830	836
45	702	767	721	745	757
50	444	564	596	672	716
55	126	241	466	586	608
60	12.4	55.4	223	446	526
65	8.95	30.2	78.3	249	320
70	6.04	22.7	55.7	91.6	89.2
75	3.78	18.5	43.2	72.8	64.8
80	2.58	11.0	28.2	53.3	58.0
85	0.840	5.32	14.5	22.6	29.1
90	0.230	0.880	1.41	3.33	5.76

Optical Distribution:  
Direct

### Coefficients of Utilization - Zonal Cavity Method:

pfc = 0.20

	.8	.7	.5	.3	.1	0												
pcc	.8	.7	.5	.3	.1	0												
pw	.7	.5	.3	.1	.5	.3	.1	0										
RCR																		
0	58	58	58	58	56	56	56	56	54	54	54	51	51	51	49	49	49	48
1	54	52	50	49	52	51	49	48	49	47	46	47	46	45	45	44	43	43
2	50	46	43	41	48	45	43	41	44	42	40	42	40	39	41	39	38	37
3	46	41	38	35	45	41	38	35	39	37	34	38	36	34	37	35	33	32
4	42	37	34	31	41	37	33	30	35	32	30	34	32	30	33	31	29	28
5	39	34	30	27	38	33	29	27	32	29	26	31	28	26	30	28	26	25
6	36	31	27	24	36	30	26	24	29	26	24	28	26	23	28	25	23	22
7	34	28	24	21	33	27	24	21	27	23	21	26	23	21	25	23	21	20
8	32	26	22	19	31	25	22	19	25	21	19	24	21	19	23	21	19	18
9	30	24	20	17	29	23	20	17	23	19	17	22	19	17	22	19	17	16
10	28	22	18	16	27	22	18	16	21	18	16	21	18	16	20	17	16	15



Total Luminaire Optical Efficiency = 49.2%