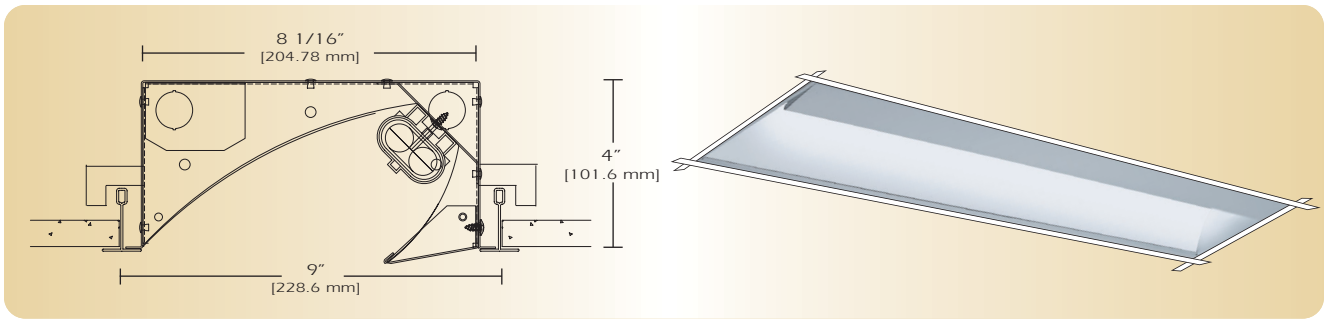


Perimeter

WPP-1027-1



TYPE _____

FEATURES

The WPP 1027 1 is one variation of a complete family of direct wall wash fluorescent luminaires. Constructed of cold rolled steel and low iridescent specular aluminum it features a one-piece construction which allows for easy installation. The low iridescent reflector system evenly lights vertical surfaces accenting areas and items of interest.

SPECIFICATIONS

- Housing:** Die formed 20-gauge cold rolled steel finished in baked white enamel. Housing has an access plate on top with two 7/8" diameter knockouts.
- Reflector:** The two-part reflector assembly is engineered with .025 specular anodized aluminum for optimum efficiency.
- 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 ballast will be used unless otherwise specified.
- Mounting:** Standard installation is a 1 x 2 exposed inverted T-bar ceiling. Fixture installations are also available in miniature grid, drywall or plaster ceiling. For mounting detail information consult factory. Four support brackets are included with each fixture.
- 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 17 watt T8 lamp or one 40 watt compact fluorescent lamp. (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.	LAMPS	MOUNTING	LENGTH	FINISH	VOLTAGE	OPTIONS
WPP 1027	-	-	-	-	-	-
WPP 1027	140CF 117T8	G= Standard Lay-in Grid MG= Miniature Grid F= Flanged	2= ft	W= White CC= Custom Color	120v 277v	See Options Below
	O= Other Specify					

Example: **WPP-1027-1-140CF-G-2-W-120V**
WPP-1027 with one 40 watt CF lamp grid ceiling application two foot fixture finished in baked white enamel 120v electronic ballast less than 20% total harmonic distortion.

OPTIONS

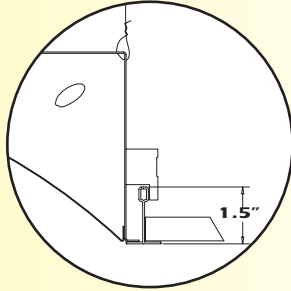
- E10=** Electronic ballast, high power factor, thermally protected class P, sound rated A, <10% total harmonic distortion
- DIM=** Dimming Ballast
- EPC=** Emergency Battery Pack
- EMC=** Emergency Circuit
- OTH=** See Accessory Section for other options available

Perimeter

WPP-1027-1

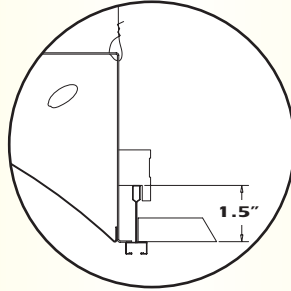
LINEAR SECTIONS AND SUSPENSION LOCATION

MOUNTING "G"



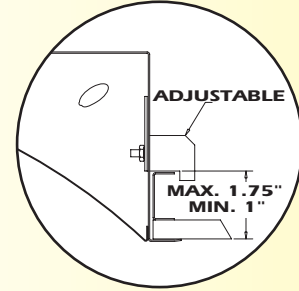
STD. 1 1/2" INVERTED "T" BAR

MOUNTING "MG"



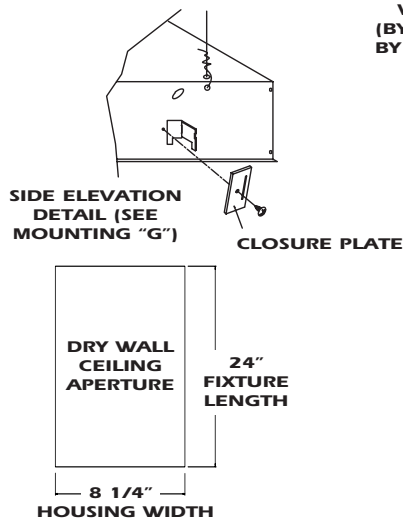
1 1/2" MINIATURE GRID CEILING

MOUNTING "F"



PLASTER OR DRY WALL CEILING

INSTALLATION PREPARATION



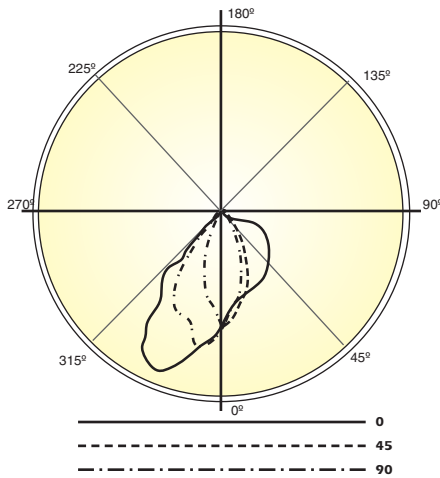
WIRE TIES OR CHAINS (BY OTHERS AS REQUIRED BY NATIONAL AND LOCAL ELECTRICAL CODES)

QUICK ACCESS WIRING PLATE

HOUSING ALIGNMENT MOUNTING BRACKETS (SEE MOUNTING "G")

1' x 2' "T" BAR CEILING GRID

PHOTOMETRY



Candela Distribution:

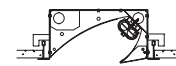
Vert. Angle	225	247.50	270	292.50	315
0	690	690	690	690	690
5	749	848	823	754	761
10	884	954	972	971	900
15	950	1090	1213	1172	953
20	1092	1296	1404	1316	1102
25	1240	1487	1587	1522	1204
30	1350	1580	1592	1583	1393
35	1425	1423	1357	1411	1415
40	1339	1245	1176	1207	1366
45	1143	1092	1067	1063	1180
50	1009	951	984	1012	1014
55	856	925	937	926	863
60	743	862	909	913	780
65	674	764	772	795	731
70	616	595	589	640	620
75	461	387	356	422	511
80	282	220	209	246	323
85	153	103	102	142	201
90	46.8	8.60	1.92	25.7	93.4

**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	.5	.3	.1	0								
RCR	0	95	95	95	95	93	93	93	93	89	89	89	85	85	85	81	81	81	80
1	86	82	78	75	84	80	77	73	76	74	71	73	71	69	70	68	66	65	65
2	78	71	65	60	76	69	64	59	66	62	58	63	60	56	61	58	55	53	53
3	71	62	55	49	69	60	54	49	58	52	48	55	51	47	53	49	46	44	44
4	64	54	47	41	62	53	46	41	51	45	40	49	44	40	47	43	39	37	37
5	59	48	41	35	57	47	40	35	45	39	34	44	38	34	42	37	34	32	32
6	54	43	36	30	53	42	35	30	41	35	30	39	34	30	38	33	29	27	27
7	50	39	32	27	49	38	31	27	37	31	26	36	30	26	35	30	26	24	24
8	47	36	28	24	45	35	28	23	34	28	23	33	27	23	32	27	23	21	21
9	44	32	26	21	42	32	25	21	31	25	21	30	25	21	29	24	21	19	19
10	41	30	23	19	40	29	23	19	29	23	19	28	22	19	27	22	19	17	17



Total Luminaire Optical Efficiency = 80.8%