

TYPE _____

FEATURES

The Gemini Series is an architectural slim profile. The luminaires is designed for mounting in grid or drywall ceiling and can also be wall mounted. The series is available with an almost limitless variety of shieldings. The Gemini is an ideal solution for creating pathway in open spaces and provides maximum design versatility.

SPECIFICATIONS

Housing: Die formed 20-gauge cold rolled steel construction 3 7/8" wide and 6 3/8 " high with an additional 1/2 " wide extruded aluminum flange trim. The joiner ends are notched below lamps for ease of installation and continuous appearance of the shielding.

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

Shielding: Standard diffuser is P95 diffused acrylic lens. The extruded lens frame is secured with torsion springs providing easy access to luminaires.

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

Mounting: Standard installation is for dry wall ceiling. The luminaires can also be wall mounted. Grid mounting option is also available. Mounting yokes are provided with each fixture.

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

Lamps: Fixtures are provided for use with one T5 or T5 HO 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.	DIRECTION	SHIELDING	LAMPS	MOUNTING	LENGTH	FINISH	VOLTAGE	OPTIONS
GEM1919	D							
GEM1919	D= Direct	PRS= Prismatic Acrylic WOA= White Opal Acrylic P95= Diffused Acrylic	114W T5 124W T5HO 121W T5 139W T5HO 128W T5 154W T5HO 135W T5 180W T5HO	G= Grid F= Flange	2= Ft 3= Ft 4= Ft 5= Ft 6= Ft 8= Ft For Other, Please enter row length [eg. 40=40ft]	W= White CC= Custom Color	120v 277v	See Options Below

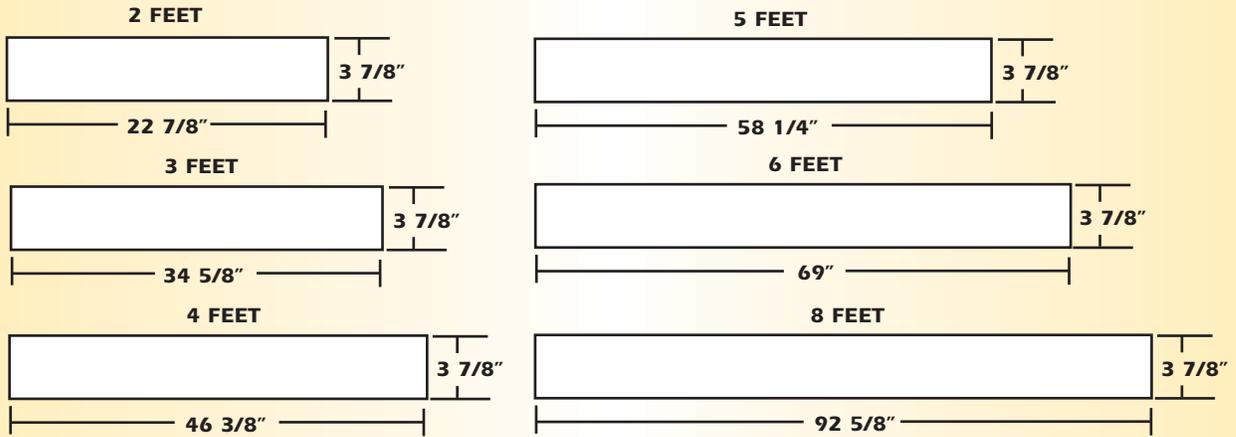
Example: **GEM1919-D-WOA-154T5HO-F-4-W-120V**
 Gemini1919 direct with white opal acrylic lens for one 54 watt T5 HO lamp, flange mounted four foot fixture in baked white 120 volt electronic ballast less than 20% harmonic distortion.

OPTIONS

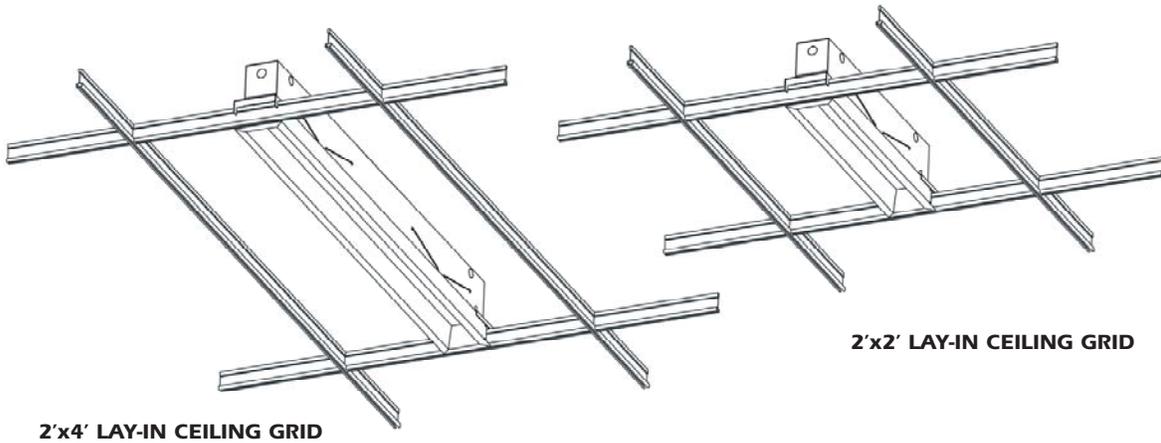
- E10=** Electronic ballast, high power factor, thermally protected class P, sound rated A, <10% total harmonic distortion
- DIM=** Dimming Ballast
- EPC=** Emergency Battery Pack
- EMC=** Emergency Circuit
- YOK =** Yokes supplied for mounting Flange fixtures
- OTH=** See Accessory Section for other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

LINEAR SECTIONS AND SUSPENSION LOCATION

CEILING OPENING FOR INDIVIDUAL FIXTURES



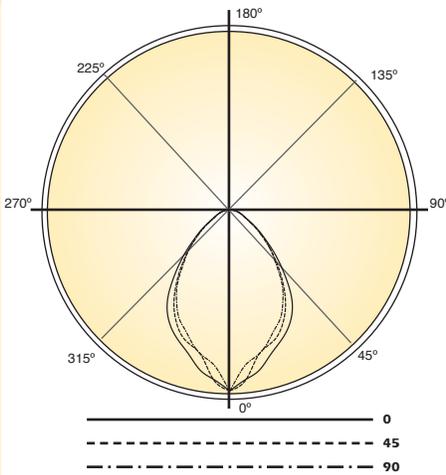
INSTALLATION PREPARATION



2'x4' LAY-IN CEILING GRID

2'x2' LAY-IN CEILING GRID

PHOTOMETRY



LAMP (1) 28T5
LUMENS: 2900 PER LAMP

Candela Distribution:

Vert. Angle	0	22.5	45	67.5	90
0	858	858	858	858	858
5	810	814	816	805	749
10	777	741	718	709	707
15	720	705	672	654	664
20	676	670	645	627	610
25	636	625	594	571	567
30	584	562	527	509	502
35	510	480	444	439	431
40	406	385	359	350	343
45	309	298	279	281	277
50	222	228	211	203	205
55	159	156	151	148	147
60	106	104	102	100	95.2
65	74.6	73.9	72.3	69.6	72.9
70	55.8	57.8	53.6	53.0	56.8
75	40.3	40.8	38.9	36.5	37.4
80	21.9	22.6	21.0	20.7	19.7
85	5.36	7.22	5.90	6.18	6.07
90	1.46	1.38	1.67	1.32	1.89

Optical Distribution:
100% 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	.7 .5 .3 .1	.5 .3 .1	.5 .3 .1	.5 .3 .1	0
RCR						
0	53 53 53 53	52 52 52 52	50 50 50	48 48 48	46 46 46	45
1	50 48 47 45	49 47 46 44	45 44 43	43 43 42	42 41 40	40
2	46 43 41 39	45 42 40 38	41 39 37	39 38 36	38 37 36	35
3	43 39 36 33	42 38 35 33	37 34 32	36 34 32	35 33 31	31
4	40 35 32 29	39 35 31 29	33 31 29	32 30 28	32 30 28	27
5	37 32 28 26	36 31 28 26	31 28 25	30 27 25	29 27 25	24
6	34 29 26 23	34 29 25 23	28 25 23	27 25 23	27 24 22	22
7	32 27 23 21	31 26 23 21	26 23 21	25 22 20	25 22 20	20
8	30 25 21 19	29 24 21 19	24 21 19	23 21 19	23 20 19	18
9	28 23 20 17	28 23 19 17	22 19 17	22 19 17	21 19 17	16
10	27 21 18 16	26 21 18 16	21 18 16	20 18 16	20 17 16	15



Total Luminaire Optical Efficiency = 45.1%