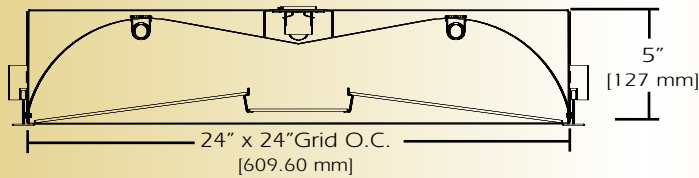


New Age Series

Harmony



TYPE _____

FEATURES

Harmony is the newest product within the New Age Series. Harmony's contemporary styling and versatility of optics is the ideal luminaire for office, industrial, and healthcare applications. Harmony provides enhanced lighting while providing high efficiency. Harmony is available in a 2'x2', 2'x4' and 1'x4'.

SPECIFICATIONS

Housing: 2'x2', 2'x4', and 1'x4', Die formed 20 gauge cold rolled steel.

Shielding: Center diffuser is clear prismatic pattern 12. Side diffusers are white opal acrylic providing high transmission while obscuring lamp image. Center rails are extruded aluminum with specular aluminum sides for enhanced brightness, finished in baked white enamel for excellent performance.

Reflector: Die formed 20 gauge cold rolled steel in a high reflective white finish.

Electrical: Ballast is electronic, universal 120/277 voltage, less than 10% total harmonic distortion.

Mounting: Standard installation is a 2'x2', 2'x4', or 1'x4', exposed inverted T-bar ceiling. Support brackets are included with each fixture. Consult factory for additional ceiling options.

Finish: Standard finish is matte white enamel. Custom color options available, consult factory.

Lamps: Fixtures are provided for use with T5, T5HO, T8, and compact fluorescent 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	SIZE	MOUNTING	FINISH	VOLTAGE	OPTIONS
HM	-	-	-	-	-	-	-
HM	P = Prismatic WA = White Opal Acrylic ML = Micro Linear Lens PF = Perforated Metal with Overlay SA = Satin Acrylic Lens	T5 T5 HO T8 40 CF 50 CF O =Other Specify	22 = 2X2 24 = 2X4 14 = 1X4	G = Standard Lay-in Grid MG = Miniature Grid F = Flanged	W = White CC = Custom Color	U = 120/277v 1 = 120v 2 = 277v 3 = 347v	See Options Below

Example: **HM-P-T5-22-G-W-U**

Harmony 2 lamp with prismatic P12 pattern lens center shielding T5 2 x 2 fixture grid mounted, finished in a baked white enamel with universal voltage ballast.

OPTIONS

DIM= Dimming Ballast
DAI= Dali Dimming
EPC= Emergency Battery Pack
EMC= Emergency Circuit
TCW= Two Circuit Wiring
ARS= Air return system
FWH= Flexible wiring harness
LA*= Acrylic Lens *B=Blue, *Y=Yellow, *G=Green, *R=Red center shield inlay

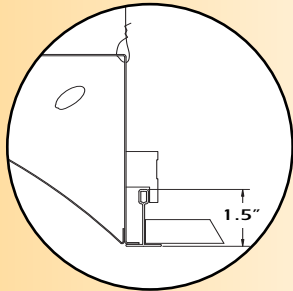
*Specify voltage for emergency and dimming ballast

New Age Series

Harmony

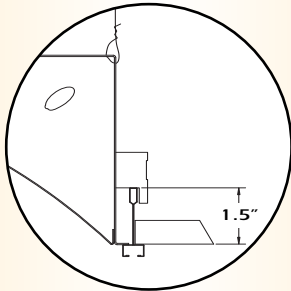
LINEAR SECTIONS AND SUSPENSION LOCATION

MOUNTING "G"



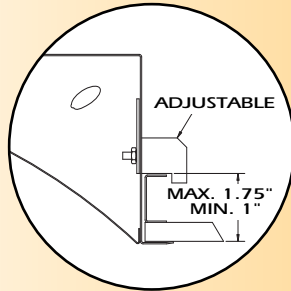
STD. 1 1/2" INVERTED "T" BAR

MOUNTING "MG"



1 1/2" MINIATURE GRID CEILING

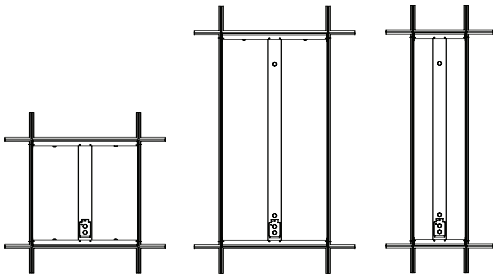
MOUNTING "F"



PLASTER OR DRY WALL CEILING

INSTALLATION PREPARATION

TOP VIEW DETAIL

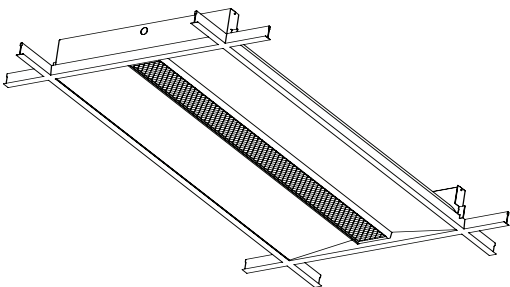
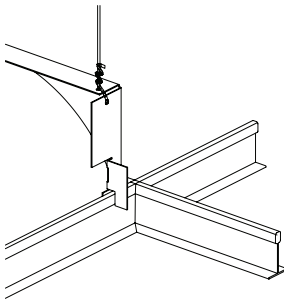


2x2

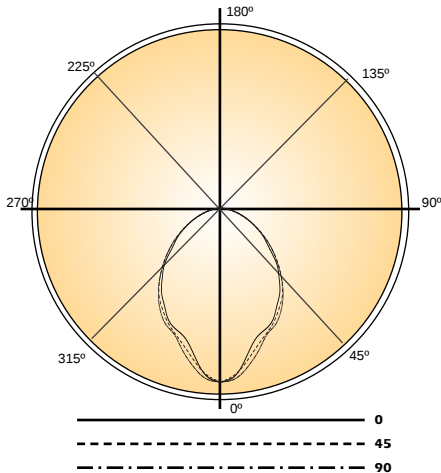
2x4

1x4

MOUNTING DETAIL



PHOTOMETRY



LAMP (2) 54 T5HO
LUMENS: 5000 PER LAMP

Candela Distribution:

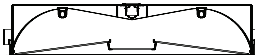
Vert. Angle	0	22.5	45	67.5	90
0	3684	3684	3684	3684	3684
5	3563	3459	3539	3546	3627
10	3183	3177	3274	3312	3396
15	2866	2951	3017	3070	3121
20	2742	2782	2829	2846	2856
25	2615	2607	2664	2704	2733
30	2383	2425	2469	2530	2543
35	2185	2250	2275	2287	2303
40	1925	1982	2017	2034	2024
45	1682	1686	1746	1728	1729
50	1362	1415	1462	1461	1461
55	1141	1161	1189	1197	1201
60	926	941	951	927	921
65	707	715	710	709	709
70	517	520	500	488	506
75	338	333	328	335	330
80	177	176	189	201	198
85	69.0	68.0	72.0	70.0	72.0
90	12.0	9.00	9.00	9.00	10.0

Optical Distribution:
100% Direct

Coefficients of Utilization - Zonal Cavity Method:

pfc = 0.20

pcc	.8			.7			.5			.3			.1			0		
pw	.7	.5	.3	.7	.5	.3	.7	.5	.3	.7	.5	.3	.7	.5	.3	0		
RCR	0	87	87	87	87	85	85	85	85	81	81	81	78	78	78	73		
1	80	77	74	72	78	76	73	71	72	70	68	70	68	66	67	66	64	63
2	74	68	64	60	72	67	63	59	64	61	58	62	59	56	60	57	55	54
3	68	60	55	50	66	59	54	50	57	53	49	55	51	48	53	50	47	46
4	62	54	48	43	61	53	47	43	51	46	42	50	45	42	48	44	41	40
5	57	49	42	38	56	48	42	37	46	41	37	45	40	37	43	39	36	35
6	53	44	38	33	52	43	37	33	42	37	33	41	36	33	40	35	32	31
7	50	40	34	30	48	39	34	29	38	33	29	37	33	29	36	32	29	27
8	46	37	31	27	45	36	30	26	35	30	26	34	30	26	33	29	26	25
9	43	34	28	24	42	33	28	24	32	27	24	32	27	24	31	27	24	22
10	41	31	26	22	40	31	25	22	30	25	22	29	25	22	29	25	22	20



Total Luminaire Optical
Efficiency = 73.4%