RECESSED



MADE IN THE U.S.A.

GIS120 SERIES
Side Basket 2X2 & 2X4

- Direct / Indirect T-Bar Luminaire
- Perforated Side Shields with Edge Protectors
- White Acrylic Diffuser
- Easy Access to Lamps and Ballasts
- Removable Wiring Access Plate
- High Reflectance, Low Gloss Matte White Finish

PHOTOMETRIC DATA

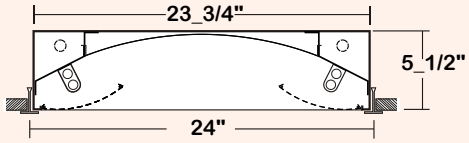
TEST ITEM=GIS120-2-2B-PD-EB40

TEST NO.=LA-T1539
LAMP TYPE=F40BX
NO. OF LAMP=2
LUMENS PER LAMPS=3150
WATTS PER LAMP=40
BALLAST FACTOR=1
PHOTOMETRY TYPE=C

SPACING CRITERION	
ALONG 1.19	ACROSS 1.26

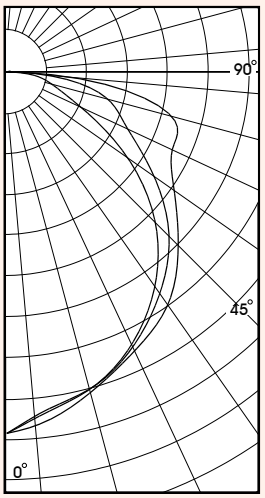
ZONAL LUMEN SUMMARY			
DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	999	15.9	25.3
0-40	1629	25.9	41.2
0-60	2892	45.9	73.1
0-90	3956	62.8	100.0
90-120	1	0.0	0.0
90-130	1	0.0	0.0
90-150	1	0.0	0.0
90-180	1	0.0	0.0
0-180	3957	62.8	100.0

CANDLEPOWER			
Angle	End	45	Cross
0		1303	1303
5		1280	1312
15		1250	1232
25		1130	1152
35		991	1051
45		864	904
55		674	789
65		502	706
75		397	656
85		167	259
90		3	2
95		0	0
105		0	0
115		0	0
125		0	0
135		0	0
145		0	0
155		0	0
165		0	0
175		0	0
180		0	0



Total Luminaire Optical Efficiency = 62.8%

COEFFICIENT OF UTILIZATION													
pfc	20												
pcc	80			70			50		30		10		0
pw	70	50	30	70	50	30	50	30	50	30	50	30	0
RCR													
0	75	75	75	73	73	73	70	70	67	67	64	64	63
1	67	64	61	66	62	60	60	57	57	55	55	53	50
2	61	55	50	59	54	49	51	48	49	46	47	45	41
3	55	48	42	54	47	42	45	40	43	39	41	38	34
4	50	42	36	49	41	36	40	35	38	34	37	33	29
5	46	38	32	45	37	31	36	31	34	30	33	29	25
6	43	34	28	41	33	28	32	27	31	26	30	26	21
7	39	31	25	38	30	25	29	24	28	24	27	23	19
8	27	28	22	36	27	22	27	22	26	21	25	21	17
9	34	26	20	33	25	20	24	20	24	19	23	19	15
10	32	24	18	31	23	18	23	18	22	18	21	17	14



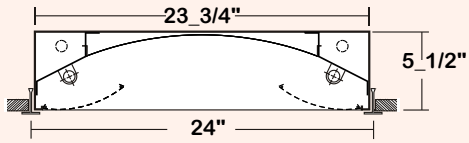
TEST ITEM=GIS120-2-4R-PD-E8

TEST NO.=LA-T1547
LAMP TYPE=FO32/31K
NO. OF LAMP=2
LUMENS PER LAMPS=2900
WATTS PER LAMP=32
BALLAST FACTOR=1
PHOTOMETRY TYPE=C

SPACING CRITERION	
ALONG 1.11	ACROSS 1.15

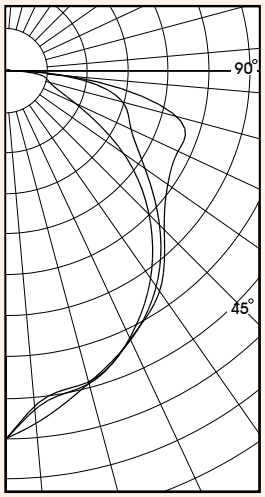
ZONAL LUMEN SUMMARY			
DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	948	16.4	25.21
0-40	1539	26.5	40.8
0-60	2697	46.5	71.4
0-90	3774	65.1	100.0
90-120	1	0.0	0.0
90-130	1	0.0	0.0
90-150	1	0.0	0.0
90-180	1	0.0	0.0
0-180	3775	65.1	100.0

CANDLEPOWER			
Angle	End	45	Cross
0		1341	1341
5		1229	1207
15		1189	1190
25		1079	1090
35		942	974
45		789	817
55		615	719
65		497	705
75		437	655
85		198	221
90		2	2
95		0	0
105		0	0
115		0	0
125		0	0
135		0	0
145		0	0
155		0	0
165		0	0
175		0	0
180		0	0



Total Luminaire Optical Efficiency = 65.1%

COEFFICIENT OF UTILIZATION													
pfc	20												
pcc	80			70			50		30		10		0
pw	70	50	30	70	50	30	50	30	50	30	50	30	0
RCR													
0	81	81	81	79	79	79	75	75	72	72	69	69	68
1	72	68	65	70	67	64	64	61	61	59	59	57	54
2	65	59	53	63	57	52	55	51	53	49	50	48	43
3	59	51	45	57	50	44	48	43	46	42	44	41	36
4	54	45	39	52	44	38	42	37	41	36	39	35	30
5	49	40	34	48	39	33	38	32	36	32	35	31	26
6	46	36	30	44	35	29	34	29	33	28	32	28	23
7	42	33	26	41	32	26	31	26	30	25	29	25	20
8	39	30	24	38	29	24	28	23	27	23	27	22	18
9	37	27	22	36	27	21	26	21	25	21	25	20	16
10	34	25	20	34	25	19	24	19	23	19	23	19	14

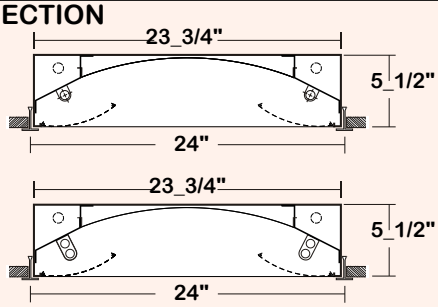


RECESSED



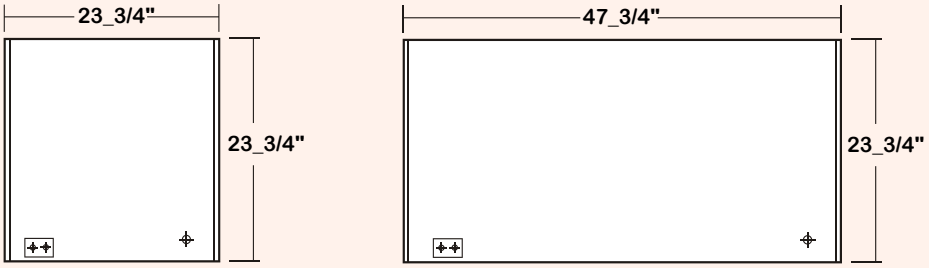
GIS120 SERIES
Side Basket 2X2 & 2X4

CROSS SECTION



BACKPLATE

ACCESS PLATE
7/8" K.O.



CATALOG NUMBER

	NOMINAL WIDTH X LENGTH	TOTAL LAMPS		NOMINAL WIDTH X LENGTH	TOTAL LAMPS
GIS120-2-2M	2' X 2'	2	GIS120-2-4M	2' X 4'	2
GIS120-4-2M	2' X 2'	4	GIS120-4-4M	2' X 4'	4
GIS120-2-2R	2' X 2'	2	GIS120-2-4R	2' X 4'	2
GIS120-4-2R	2' X 2'	4	GIS120-4-4R	2' X 4'	4
GIS120-2-2B	2' X 2'	2	GIS120-2-4BT	2' X 4'	4

Note: To Denote Specular Aluminum Cover Add "SR" To Beginning Of Catalog Number.

ORDERING GUIDE

SPECIFIED		-		-		-		-		-	
EXAMPLE	GIS120	-	2	-	2M	-	PDA	-	2E5H	-	UNV

SERIES
LAMP ROWS
NOMINAL LENGTH (FEET)
LAMP / WIRING
OPTICAL OPTION
BALLAST TYPE
VOLTAGE

NOTE: LAMP/WIR- M=Miniature Bi-Pin T5 R=Medium Bi-Pin T8 B=Compact Twin Tube BT=Compact Twin Tube Tandem Wiring

OPTIONS and ACCESSORIES

● BALLAST OPTIONS*	SUFFIX
Electronic T5	xE5
Electronic T5HO	xE5H
Electronic T8 Instant Start	xE8I
Electronic T8 Rapid Start	xE8R
Electronic T8HO	xE8H

x = Number of Lamps per Ballast

● ELECTRICAL OPTIONS	SUFFIX
Emergency Battery Pack	*
External Line Fusing (HLR/GLR)	ELF

● OPTICAL OPTIONS	SUFFIX
Perforated Shield / White Acrylic	PDA

*Refer to www.lalighting.com/resources for more information

SPECIFICATIONS

MADE IN THE U.S.A.

● TYPE	Direct / indirect recessed mounted luminaries for inverted T-bar ceilings.
● CONSTRUCTION	22 ga. cold rolled steel housing. (20 ga. housing available as specified)
● FINISH	Baked white polyester finish housing.(Powder coated finish available.)
● OPTIC	Perforated side-mount metal light shields with polyethylene protecting trims, snap out for easy maintenance. White acrylic insert available.
● REFLECTOR	Cold rolled steel reflectors, high reflectance, low gloss matte white powder coat finish.
● WIRING	120v 60Hz., 277v 60Hz., UNV (universal voltage 120v thru 277v.) or as otherwise specified.
● LABELS	U.L. Listed. Compatible with UL Fire-Rated Ceiling Assemblies.

UL CERTIFIED