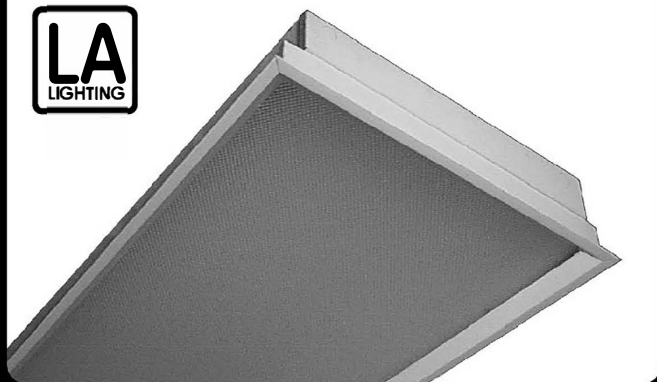
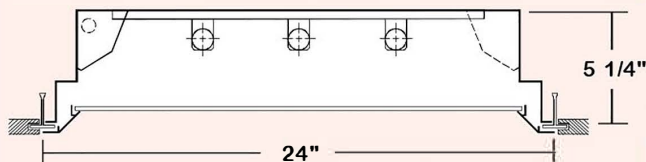


**RECESSED**



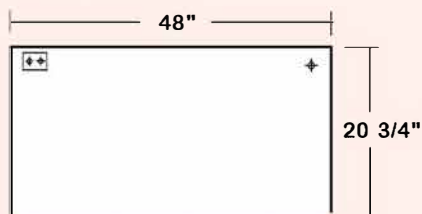
**GCT620 SERIES  
2X4**

**CROSS SECTION**



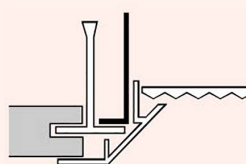
**BACKPLATE**

ACCESS PLATE 7/8" K.O.



**DOOR FRAME INFORMATION**

**CROSS SECTION**



**FINISHES**

- W - White Enamel
- B - Black Enamel

**STYLES**

- RA - 1 1/4" Regressed Aluminum

**EXAMPLE**

- RAW - Regress Aluminum White Enamel Finish

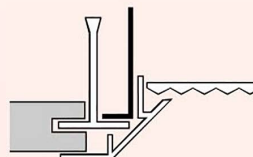
**CATALOG NUMBER**

	NOMINAL WIDTH X LENGTH	TOTAL LAMPS
GCT620-2-4M	2' X 4'	2
GCT620-3-4M	2' X 4'	3
GCT620-4-4M	2' X 4'	4
GCT620-2-4R	2' X 4'	2
GCT620-3-4R	2' X 4'	3
GCT620-4-4R	2' X 4'	4

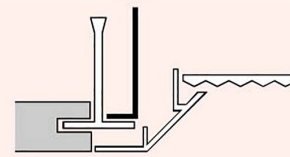
Note: To Denote Specular Aluminum Cover Add "SR" To Beginning Of Catalog Number.

**TRIM INFORMATION**

**CROSS SECTION**



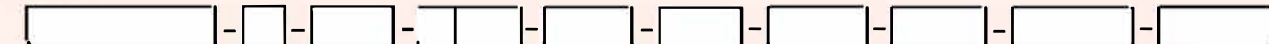
OT - Overlapping Trim



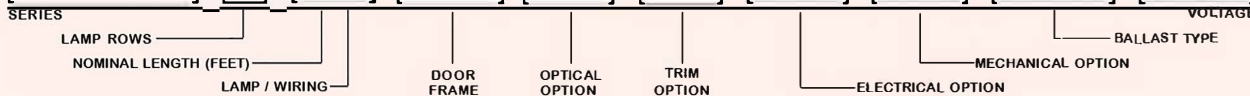
BT - Butt Trim

**ORDERING GUIDE**

SPECIFIED



EXAMPLE



NOTE: LAMP/WIRING\* M= Miniature Bi-Pin T5 R= Medium Bi-Pin T8

**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**

- Emergency Battery Pack External
- Line Fusing (HLR/GLR) Radio

**SUFFIX**

ELF

**OPTICAL OPTIONS**

- Parabolic Plastic Louvers
- Polycarbonate Lenses
- High Impact Acrylic
- Flat White Matte Diffusers
- Clear Prismatic Acrylic

**SUFFIX**

- \*
- \*
- \*
- \*FWA
- PA

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

**SPECIFICATIONS**

**MADE IN THE U.S.A.**

- TYPE
- DOOR FRAME
- OPTIC
- CONSTRUCTION
- FINISH
- WIRING
- LABELS

Recessed mounted luminaires for installations in concealed T-bar applications. Heavy wall aluminum extrusions secured to the lighting fixture by four torsion springs. Available in white or black enamel or anodized as specified. Clear prismatic acrylic standard. Extensive variety of lenses, diffusers and louvers available. 22 ga. cold rolled steel housing. (20 ga. housing available as specified) Baked white polyester finish, minimum reflectance 86%. (Powder coated finish available.) 120v 60Hz., 277v 60Hz., UNV (universal voltage 120v thru 277v.) or as otherwise specified. U.L. Listed. Compatible with UL Fire-Rated Ceiling Assemblies.



**RECESSED**



MADE IN THE U.S.A.

**GCT620 SERIES  
2X4**

- Premium Grade Concealed T-Bar Troffer
- For Butt Trim or Over Overlapping Trim with Ceiling Tile
- 1 1/4" Regressed Aluminum Door Frame
- Door Frame Secured to Fixture Housing By Torsion Springs
- Extensive Variety of Lenses Available

**PHOTOMETRIC DATA**

TEST ITEM=GCT620-3-4R-PA

TEST NO.=LA-T0585

LAMP TYPE=FO32/31K

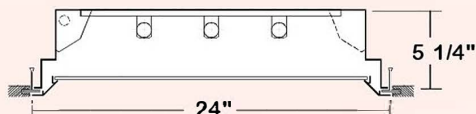
NO. OF LAMP=3

LUMENS PER LAMPS=2900

WATTS PER LAMP=32

BALLAST FACTOR=1

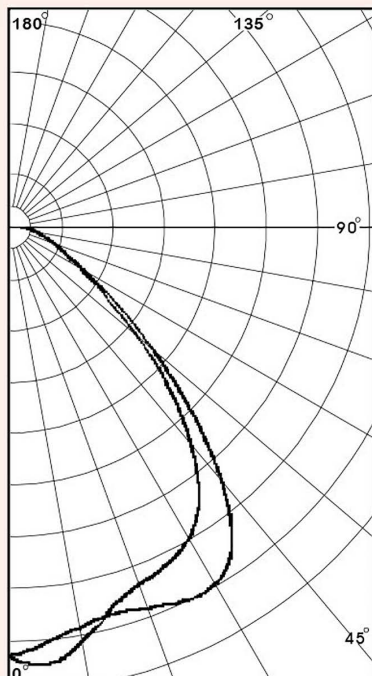
PHOTOMETRY TYPE=C



**ZONAL LUMEN SUMMARY**

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	2173	25.0	34.8
0-40	3661	42.1	58.6
0-60	5589	64.2	89.4
0-90	6249	71.8	100.0
90-120	0	0.0	0
90-130	0	0.0	0
90-150	0	0.0	0
90-180	0	0.0	0
0-180	6249	71.8	100.0

Total Luminaire Optical Efficiency = 71.8%



CANDLEPOWER			
Angle	End	45	Cross
0	2771	2771	2771
5	2837	2744	2702
15	2561	2587	2592
25	2414	2550	2668
35	2162	2393	2525
45	1469	1595	1677
55	758	786	797
65	390	398	386
75	212	208	209
85	67	59	51
90	1	1	1
95	0	0	0
105	0	0	0
115	0	0	0
125	0	0	0
135	0	0	0
145	0	0	0
155	0	0	0
165	0	0	0
175	0	0	0
180	0	0	0

**LUMINAIRE SPACING CRITERION**

ALONG		ACROSS	
1.23		1.40	

**COEFFICIENT OF UTILIZATION**

pfc	20												
	pcc		70		50		30		10		0		
pw	70	50	30	70	50	30	50	30	50	30	50	30	0
	RCR												
0	85	85	85	83	83	83	80	80	76	76	73	73	72
1	79	76	74	77	75	72	72	70	69	67	66	65	62
2	73	68	64	71	67	63	64	61	62	59	60	57	54
3	67	61	55	66	60	55	57	53	56	52	54	51	47
4	62	54	49	61	54	48	52	47	50	46	49	45	41
5	58	49	43	56	48	43	47	42	46	41	44	41	36
6	53	45	39	52	44	38	43	38	42	37	40	37	32
7	50	41	35	48	40	35	39	34	38	34	37	33	29
8	46	37	32	45	37	31	36	31	35	31	34	30	26
9	43	34	29	42	34	29	33	28	32	28	32	28	23
10	41	32	26	40	31	26	31	26	30	26	29	25	21