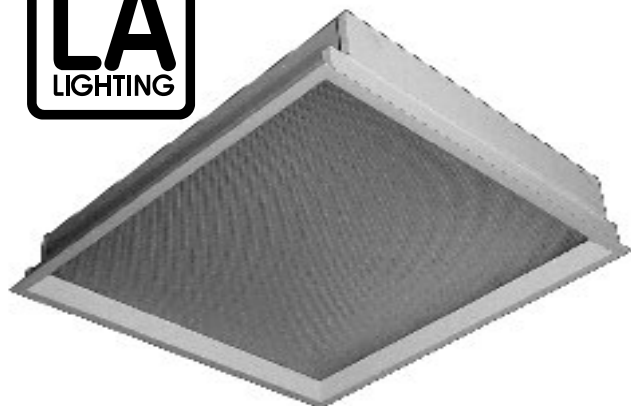


**RECESSED**



MADE IN THE U.S.A.

**GCT630/640 SERIES  
3X3 & 4X4**

- 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=GCT640-6-4R-PA

TEST NO.=LA-T0626

LAMP TYPE=FO32/31K

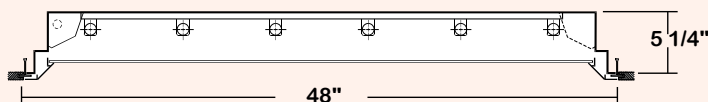
NO. OF LAMP=6

LUMENS PER LAMPS=2900

WATTS PER LAMP=32

BALLAST FACTOR=1

PHOTOMETRY TYPE=C



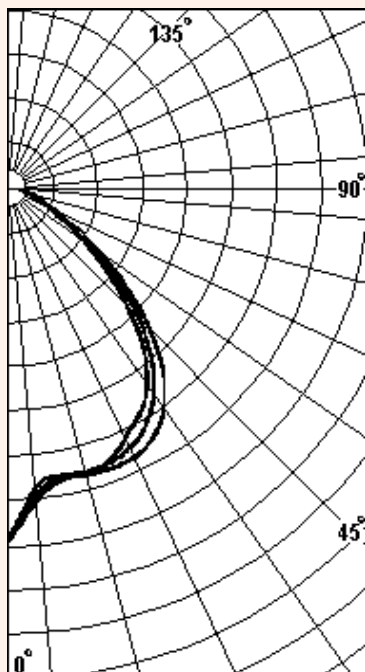
**ZONAL LUMEN SUMMARY**

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	4107	23.6	35.1
0-40	6738	38.7	57.6
0-60	10470	60.2	89.5
0-90	11696	67.2	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	11696	67.2	100.0

Total Luminaire Optical Efficiency = 67.2%

**LUMINAIRE SPACING CRITERION**

ALONG	ACROSS
1.07	1.17



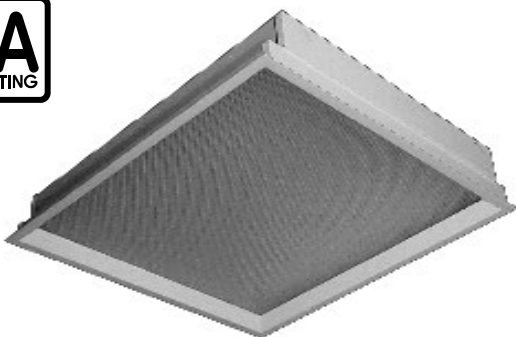
**CANDLEPOWER**

Angle	End	45	Cross
0	5974	5974	5974
5	5073	5196	5276
15	4981	4916	4958
25	4580	4767	4952
35	3963	4172	4443
45	2697	2963	3212
55	1461	1627	1708
65	702	761	779
75	372	391	403
85	79	82	94
90	3	1	2
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

**COEFFICIENT OF UTILIZATION**

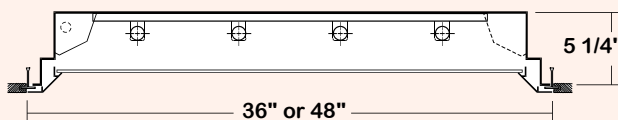
pfc	20						50						10						0
	80		70		30		70		50		30		50		30				
pcc	80						70						50						0
pw	70	50	30	70	50	30	50	30	50	30	50	30	50	30	50	30			
RCR																			
0	80	80	80	78	78	78	74	74	71	71	68	68	67						
1	74	71	69	72	70	68	67	65	64	63	62	61	58						
2	68	63	59	66	62	59	60	57	58	55	56	54	50						
3	63	57	52	61	56	51	54	50	52	49	50	47	44						
4	58	51	46	57	50	45	48	44	47	43	45	42	38						
5	54	46	40	52	45	40	44	39	43	39	41	38	34						
6	50	42	36	49	41	36	40	35	39	35	38	34	30						
7	46	38	32	45	37	32	36	32	35	31	35	31	27						
8	43	35	29	42	34	29	33	29	33	28	32	28	24						
9	40	32	27	40	32	27	31	26	30	26	29	26	22						
10	38	30	25	37	29	24	29	24	28	24	27	24	20						

**RECESSED**



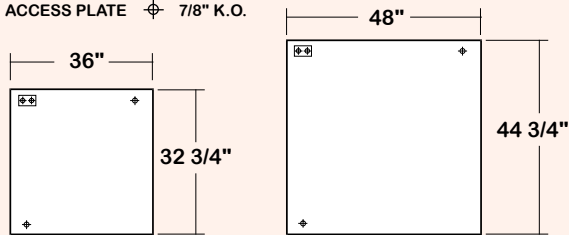
**GCT630/640 SERIES  
3X3 & 4X4**

**CROSS SECTION**



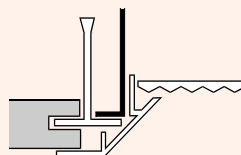
**BACKPLATE**

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

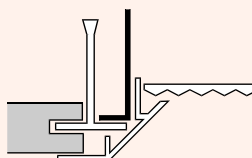
**CATALOG NUMBER**

CATALOG NUMBER	NOMINAL WIDTH X LENGTH	TOTAL LAMPS
GCT630-4-3M	3' X 3'	4
GCT630-6-3M	3' X 3'	6
GCT640-4-4M	4' X 4'	4
GCT640-6-4M	4' X 4'	6
GCT640-8-4M	4' X 4'	8
GCT630-4-3R	3' X 3'	4
GCT630-6-3R	3' X 3'	6
GCT640-4-4R	4' X 4'	4
GCT640-6-4R	4' X 4'	6
GCT640-8-4R	4' X 4'	8

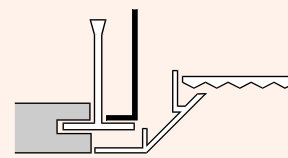
Note: To Denote Specular Aluminum Cover Add "SR" To Beginning Of Catalog Number.

**TRIM INFORMATION**

● **CROSS SECTION**



OT - Overlapping Trim



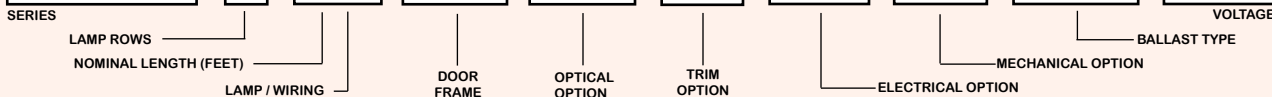
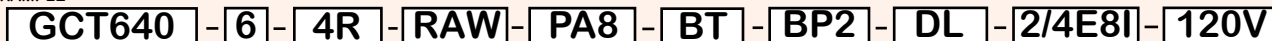
BT - Butt Trim

**ORDERING GUIDE**

SPECIFIED



EXAMPLE



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

**OPTIONS and ACCESSORIES**

● **BALLAST OPTIONS**

Ballast Option	SUFFIX
Electronic Ballasts T5	E5
Electronic Ballasts T5HO	E5H
Electronic DimmingT5HO Ballast	E5HDM
Electronic Ballasts T8	*
Electronic Ballasts T12	*
Electronic Dimming Ballast	EDM
Digital Addressable Ballast	DAB

● **ELECTRICAL OPTIONS**

Electrical Option	SUFFIX
Emergency Battery Pack	*
External Line Fusing (HLR/GLR)	ELF
Radio Interference Filters	RIF
Night Light (Fluor. 7W or 9W)	NL9

● **MECHANICAL OPTIONS**

Mechanical Option	SUFFIX
Damp Location	DL

● **OPTICAL OPTIONS**

Optical Option	SUFFIX
Holophane® Lenses	*
Parabolic Plastic Louvers	*
Polycarbonate Lenses	*
High Impact Acrylic	*
Flat White Matte Diffusers	FWA
Dropped Opal Pans	DP
Clear Prismatic Acrylic	PA
Clear Prismatic Acrylic .187	PA8

\*See Appropriate Reference Page

**SPECIFICATIONS**

- **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. All 3x3 & 4x4 fixtures are supplied with one-piece pattern 12, clear acrylic prismatic lenses 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.

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