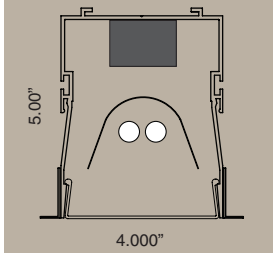
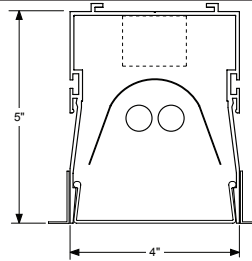


GB44RC2 G-Beam Recessed Series

Recessed
Direct Illumination



GB44RC2
4.00" wide direct luminaire



2 x T5



Construction

Housing: Extruded aluminum body 4.00" wide x 5.00" high, 6063T5, 0.070" minimum thickness. Available in one piece, unbroken lengths up to 12'.

Joiner System: Automatic alignment, no loose parts, one tool to tighten two factory installed bolts for a hairline seam. No light leaks.

Ballast: Osram - Sylvania or equal electronic RS ballast with less than 10% THD is standard: **ERS**.

Mounting: Recessed into a ceiling system. (specify **REC**).

Electrical

UL listed wiring and components throughout. Housing is completely wired with quick-connect plugs at all mating joints and individually tested.

All fixtures bear UL & CUL Dry Location labels. Damp Location labels are available. Specify **DL** in the Options field.

Optical Performance

Reflectors: Shall be semi specular aluminum formed.

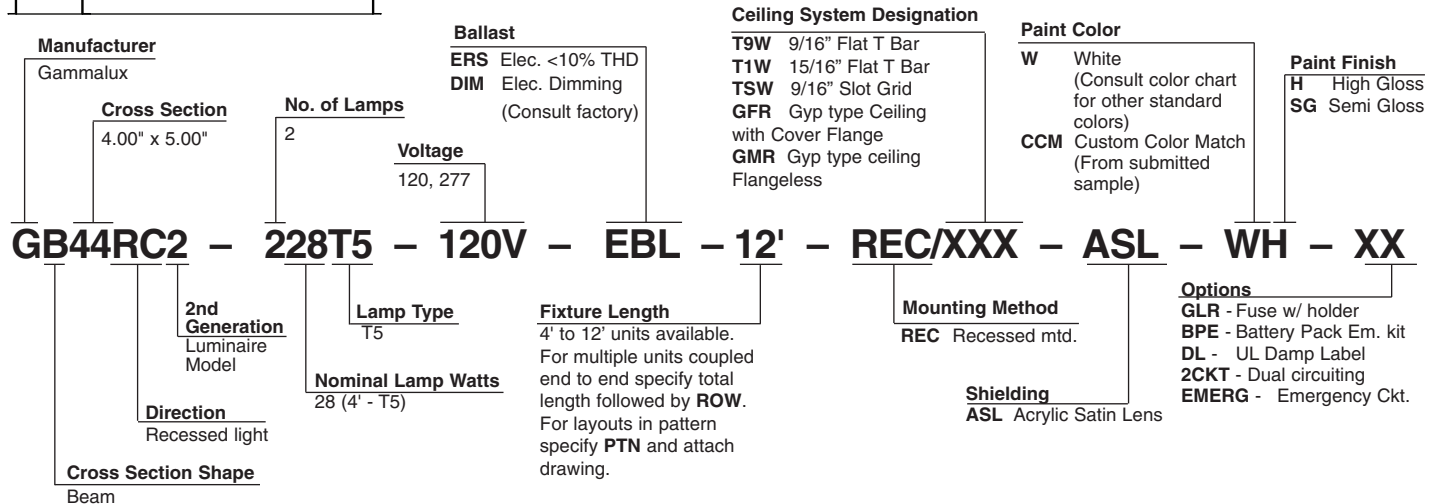
Acrylic Satin Lens: Shall be 15% DR acrylic. Specify **ASL**

Performance: Independent photometric laboratory testing - ITL or equal - is required. Luminaire is 57% efficient.

Finish

Housing assembly is electrostatically sprayed with high solids aliphatic two component polyurethane to an average thickness of 2 mils. over acid etching primer. Specify **H** for high gloss in Paint Finish field. Specify **SG** for semi gloss.

Standard Features

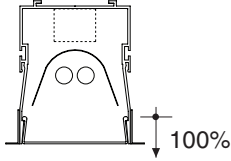


Photometric Report

GB44RC2-228T5-120VERS-4'-REC-ASL-PT

Test: ITL #60187 04/17/08
 IES Datafile: ITL60187.IES
 Lamps: 2-FP28T5 (2900 lumens)

57.5% Efficiency

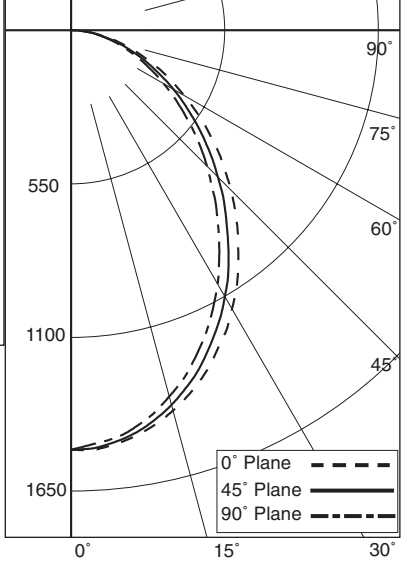


LUMINANCE DATA IN CANDELA/SQ M

ANGLE IN DEG	AVERAGE 0-DEG	AVERAGE 45-DEG	AVERAGE 90-DEG
45	9801.	8991.	8325.
55	8652.	7802.	7101.
65	7491.	6661.	6053.
75	6314.	5752.	5322.
85	5105.	4712.	4516.

Candela Distribution

Vertical Angles	Horizontal Planes			Zone Lumens
	0°	45°	90°	
0°	1502	1502	1502	
5°	1496	1489	1475	141
15°	1410	1389	1358	391
25°	1250	1209	1165	558
35°	1043	983	924	617
45°	810	743	688	580
55°	580	523	476	332
65°	370	329	299	215
75°	191	174	161	186
85°	52	48	46	55
90°	0	0	0	



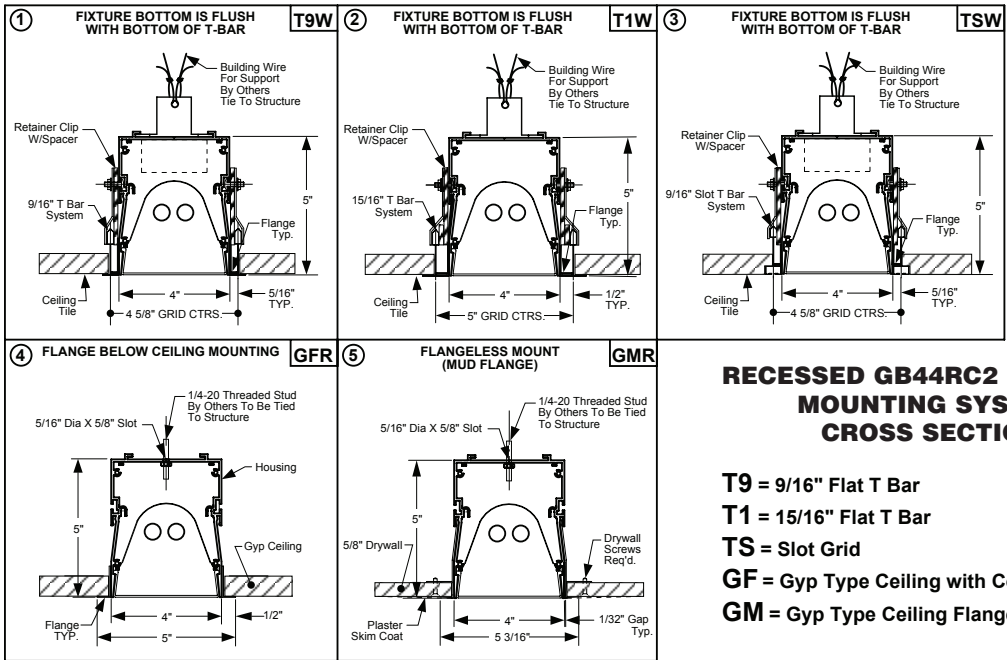
Coefficients of Utilization – Zonal Cavity Method

Effective Floor Cavity Reflectance (rfc) = 0.20

RCC	80%				70%				50%				30%			
RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%		
RCR																
0	.68	.68	.68	.68	.67	.67	.67	.67	.64	.64	.64	.64	.61	.61	.61	
1	.63	.60	.58	.56	.61	.59	.57	.55	.57	.55	.53	.53	.54	.53	.52	
2	.58	.53	.49	.46	.56	.52	.49	.46	.50	.47	.45	.45	.48	.46	.44	
3	.53	.47	.43	.39	.51	.46	.42	.39	.44	.41	.38	.38	.43	.40	.37	
4	.49	.42	.37	.34	.47	.41	.37	.33	.40	.36	.33	.33	.39	.35	.32	
5	.45	.38	.33	.29	.44	.37	.33	.29	.36	.32	.29	.29	.35	.31	.28	
6	.42	.34	.29	.26	.41	.34	.29	.26	.33	.29	.26	.26	.32	.28	.25	
7	.39	.31	.26	.23	.38	.31	.26	.23	.30	.26	.23	.23	.29	.25	.22	
8	.36	.29	.24	.21	.35	.28	.24	.21	.28	.23	.21	.21	.27	.23	.20	
9	.34	.26	.22	.19	.33	.26	.22	.19	.25	.21	.19	.19	.25	.21	.18	
10	.32	.24	.20	.17	.31	.24	.20	.17	.24	.20	.17	.17	.23	.20	.17	

Mtg. Dimensions

Recessed luminaire mounting dimensions and overall luminaire dimensions are determined in part, by the ceiling system in which they are installed. Therefore we can not provide mounting dimensions in this document.



RECESSED GB44RC2 LUMINAIRE MOUNTING SYSTEMS CROSS SECTIONS

- T9** = 9/16" Flat T Bar
- T1** = 15/16" Flat T Bar
- TS** = Slot Grid
- GF** = Gyp Type Ceiling with Cover Flange
- GM** = Gyp Type Ceiling Flangeless (Mud Flange)