

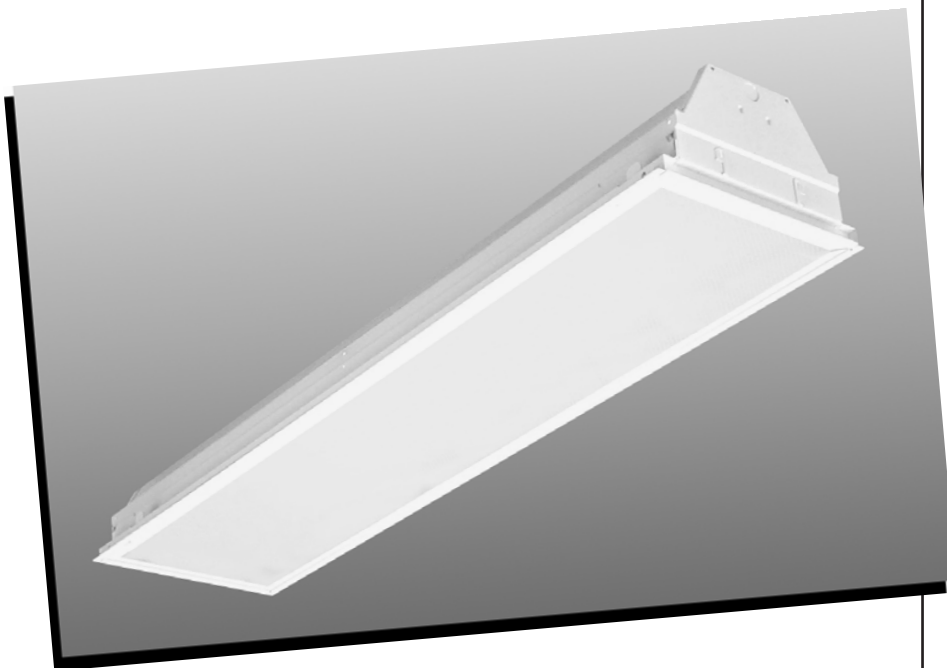
Job _____

Type _____

Catalog # _____



**Now Available
with IC Rating
See Options on
Reverse**



LUMAX INDUSTRIES, INC. Chestnut Avenue & Fourth Street
Altoona, PA 16603-0991 814-944-2537 Fax 814-944-6413
www.lumaxlighting.com

RG Series

1 x 4

ULTRA SPEC
High Performance
Lensed/Louvered Troffers
Static & Heat Removal

APPLICATION

- High performance specification grade lensed/louvered troffer. Superior flexibility and efficiency for commercial, retail and institutional applications.
- Wide range of lens, louver, door frame styles, lamp and ballast types and air handling functions.



CONSTRUCTION

- Die-formed steel housing and ends exceed code gauge. Embossed for strength and uniformity. Heavy-duty ends attach to housing with interlocking tabs. Built in EQ clips.
- Slope-sided housing and ballast cover for superior light control.
- Quick access plate for convenient power connection.
- Door frames screw-assembled for rigidity and ease of lens replacement. Crisp mitered corners. Available full, floating with black reveal or heat removal in steel (flush) or aluminum (flush and regressed).
- End light seals and side gaskets prevent any light leakage around door frames.
- Rotary cam latches standard on full doors; spring-loaded latch standard on floating doors (optional on full doors). Latching/hinging reversible; door frame easily removed without tools.
- Air models with floating doors available with side slots, top slots or both. Full door air models available with end air baffles and top slots. Optional control vanes.
- Designed for NEMA Type G (grid) and Type F (flange) ceilings. Consult factory for compatibility with other ceiling systems.

FINISH

- All metal parts pretreated with a phosphate bonding process and post-painted with an electrostatically-applied high temperature baked white enamel for superior quality and durability.
- All black reveal areas, including hardware on floating door models and end air baffles on full door heat removal models, finished with non-reflective flat black.

ELECTRICAL

- Standard ballast is electronic, HPF, class P, and UL listed for universal voltage.
-  listed and  listed.
- Suitable for damp locations.
- I.B.E.W. labeled.



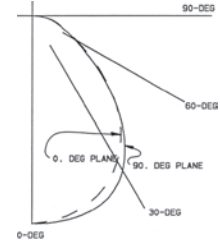
RG SERIES

1 x 4

High Performance Lensed/Louvered Troffer

PHOTOMETRIC DATA

Catalog Number: **RG23214-EO9FARS**
Lamps: Two F32T8-SP41 Each Rated at 2900 Lumens
Total Luminaire Efficiency: 68.5%



Plane: 0-Deg 90-Deg
Spacing Criteria: 1.2 1.3
Luminous Length: 45.500 9.750

Coefficients of Utilization - Zonal Cavity Method																
Effective Floor Reflectance 20%																
RC	80%				70%				50%				30%			
RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%
0	82	82	82	82	80	80	80	80	76	76	76	73	73	73	70	70
1	76	73	70	68	74	71	69	67	69	67	65	66	64	63	64	62
2	70	65	61	58	68	64	60	57	62	59	56	60	57	55	58	55
3	65	59	54	50	63	58	53	50	56	52	49	54	51	48	52	50
4	60	53	48	44	59	52	47	43	50	46	43	49	45	42	47	44
5	55	47	42	38	54	47	42	38	45	41	37	44	40	37	43	39
6	51	43	37	33	50	42	37	33	41	37	33	40	36	33	39	35
7	48	39	33	29	46	38	33	29	37	33	29	36	32	29	36	32
8	44	35	30	26	43	35	29	26	34	29	26	33	29	25	32	28
9	40	32	26	23	40	31	26	23	30	26	22	30	25	22	29	25
10	38	29	24	20	37	28	23	20	28	23	20	27	23	20	27	23

Zonal Lumen Summary			
Zone	Lumens	%Lamp	%Fixt
0-30	1369	23.6	34.5
0-40	2195	37.8	55.3
0-60	3427	59.1	86.3
0-90	3973	68.5	100.0
90-180	0	0.0	0.0
0-180	3973	68.5	100.0

Luminance in Candela Per Square Meter			
Angle in Deg	Average 0 - Deg	Average 45 - Deg	Average 90 - Deg
0	6083	6083	6083
45	4649	4709	4590
55	3472	3454	3283
65	2612	2315	2513
75	2659	2052	2497
85	2926	2245	2766

ORDERING GUIDE

Series	Ceiling Type	Slots	Vanes	No. Lamps	Lamp Style	Fixture Size	Ballast	Volts	Lens/ Louver	Door Frame	Options
R	G,F			1,2,3	28	14	EO,CO	9	FA,FB,FC	RS,RB	
R	G,F			1,2,3	32	14	EO,CO	9	FA,FB,FC	RS,RB	
R	G, F			1, 2, 3	54	14	EO,CO	9	FA,FB,FC	RS,RB	

CEILING TYPE:

G - Grid
F - Flange

HEAT REMOVAL SLOTS:

T - Top
S - Side
C - Top and Side

VANES:

V - Vanes

LAMPS:

28 - 28 Watt T5
32 - 32 Watt T8
54 - 54 Watt T5 HO

BALLASTS:

1 or 2 lamps:
EO - One ballast
3+ lamps:
EO - Two ballasts, wired inboard/outboard (or customer specified)
CO - One ballast

VOLTS:

1 - 120 Volts
4 - 277 Volts
9 - Universal Voltage (120-277)

LENSES/LOUVERS:

FA - Pattern 12 Clear Acrylic .095" (standard)
FB - Pattern 12 Clear Acrylic .125"
FC - Pattern 12 Clear Acrylic .156"

See Options & Accessories section of catalog for additional lenses and louvers.

DOOR FRAMES:

RS - Full Door, Flush White (steel)
RB - Full Door, Flush Black (steel)

See Options & Accessories section of catalog for additional door selections.

OPTIONS:

Use the following suffix for:
PRS - Programmed Rapid Start Ballast (STD on T5)
IS - Instant Start Ballast (STD on T8)
ALUM - Aluminum
-SLL - Spring-loaded Latch (Full Doors only)
NYC - New York City

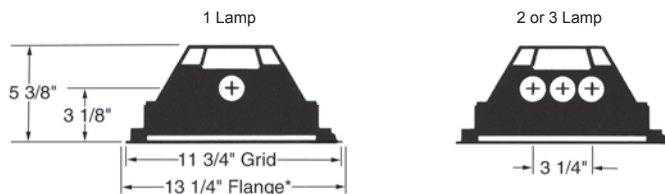
Emergency Ballast - Please consult options page for complete listings.

Dimming Ballast - Please consult the factory.

Note: IC rated for use in insulated ceilings with 32 watt.

DIMENSIONS

specifications and dimensional data subject to change without notice



*See Options section of catalog for flanged model adjustment range