

FEATURES & SPECIFICATIONS

INTENDED USE — High performance parabolic luminaires for use in open area applications and electronic offices where optical control, visual comfort and light cut-off are important.

Design optimized for use with T8 lamps and low-profile electronic ballasts.

Choice of diffuse or specular louvers utilizing the latest developments in louver finishing for minimized louver iridescence.

CONSTRUCTION — Black reveal provides floating louver appearance, conceals optional air-supply slots.

Square corner end plates improve strength and durability.

Integral T-bar safety clips hold fixture to T-bar securely; no fasteners required.

Heavy gauge hinges die-formed for maximum strength; spring action latches concealed in black reveal.

Housing formed from cold-rolled steel. Louver formed from anodized aluminum. No asbestos used in this product.

Overlapping flange and modular ceiling trims available factory installed with swing gate hangers or field convertible with optional trim and hangers.

FINISH — Five-stage iron-phosphate pretreatment ensures superior paint adhesion. Painted parts finished with high-gloss, baked white enamel.

ELECTRICAL SYSTEM — Thermally-protected, resetting, Class P, HPF, non-PCB, UL Listed, CSA certified ballast is standard.

Electronic ballasts are sound rated A.

Ballast disconnect provided standard where required to comply with US and Canadian electrical codes.

Fixture conforms to UL1570 and is suitable for damp locations. AWM, TFN or THHN wire used throughout, rated for required temperatures.

LISTING — UL Listed (Standard), CSA Certified or NOM Certified (see Options).

WARRANTY — 1-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

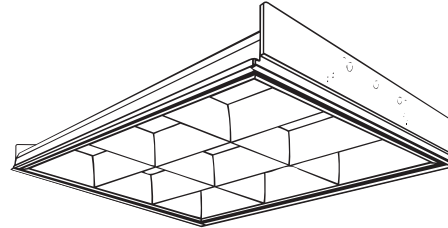
Note: Actual performance may differ as a result of end-user environment and application.

Specifications subject to change without notice.

Catalog Number
Notes
Type

PARAMAX® Parabolic Troffer

2PM3N 2'x2'



**3" Louver Family
Compact Fluorescent
and Narrow U Lamps**

Specifications

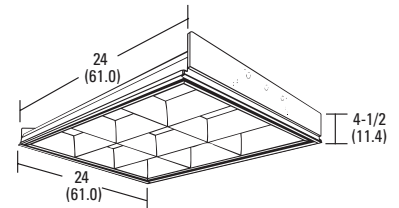
Length: 24 (60.9)

Width: 24 (60.9)

Depth: 4-1/2 (11.4)

Weight: 16 lbs (7.3 kg)

All dimensions are inches (centimeters) unless otherwise specified.



ORDERING INFORMATION

For shortest lead times, configure products using **bolded options**.

Example: 2PM3N G B 3 17 9LD MVOLT GEB10IS

Series	Trim type	Air function	Number of lamps	Lamp type	Number of cells ¹	Louver finish	Voltage
2PM3N Paramax 3" louver family	G Grid	B No air function	2	U31 31W T8 (1-5/8" leg)	6	LD Low iridescent anodized diffuse silver	MVOLT²
	F Overlapping flange	A Air supply/return (slots in side trim)	3	CF40 40W TT5 (24")	9	LS Low iridescent anodized specular silver	120
	MT Modular fit-in	D Dual function supply/return/removal	4		12		277
	ST Screw slot		(Not included)		16		347 (Others available)

Options

1/3 One 3-lamp ballast	PWS1836 6' prewire, 3/8" dia., 18-gauge, 3 wires	ACS Air closure strips (A and D models only)
1/41/2 Use with LST. One 4-lamp and one 2-lamp ballast	PWS1846 6' prewire, 3/8" dia., 18-gauge, 4 wires	APB Air-pattern control blades (A and D models only)
GEB10IS Electronic ballast, ≤10% THD, instant start	QFC213_ Reloc Quick-Flex 12/3G, 13' ⁵	PAF Painted after fabrication (white enamel)
GEB10PS Electronic ballast, ≤10% THD, programmed start ³	LST Tandem fixture pairs (shared ballasts)	2R Two reflector channel covers ⁶
GEB10RS Electronic ballast, ≤10% THD, rapid start	LP__ Lamped, specify lamp type and color	JP Palletized and stretch-wrapped (G and MT trim only)
EL Emergency battery pack (nominal 500 lumens)	LPB35 Lamped; specify lamp type and color	CSA CSA certified
EL14 Emergency battery pack ⁴	GLR Internal fast-blow fuse ⁵	NOM NOM certified
	GMF Internal slow-blow fuse ⁵	

Notes

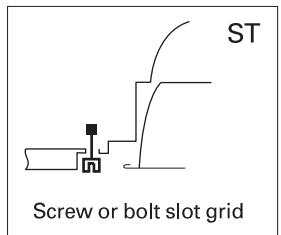
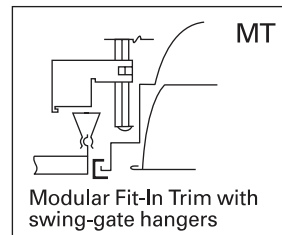
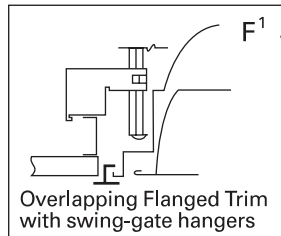
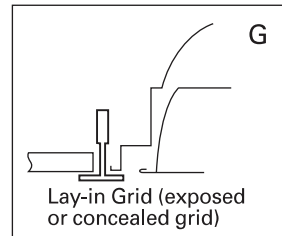
- Standard louver configuration:
2 lamps = 6 cells, diffuse silver
3 lamps = 9 cells, diffuse silver
4 lamps = 16 cells, diffuse silver
- MVOLT standard for 120V and 277V applications. Some options require voltage specified.
- Not available with compact fluorescent lamps. Use GEB10RS.
- Some options increase fixture depth. Consult factory if plenum space is a concern.
- Must specify voltage.
- Available with 3-lamp versions only.

2PM3N 2'x2' Compact Fluorescent and U Lamps, 3" Louver Family

MOUNTING DATA

Continuous row mounting of flanged units requires CRE and CRM trim options. Consult factory.

Mounting Information - Trim Types	
Ceiling type	Appropriate trim type
Exposed grid tee	G
Concealed grid tee	G,ST
Concealed Z-spline	F, MT
Metal pan (consult factory)	MT
Screw slot (consult factory)	ST
Acoustical tile, plaster or plasterboard on rigid support parallel to lamps	F

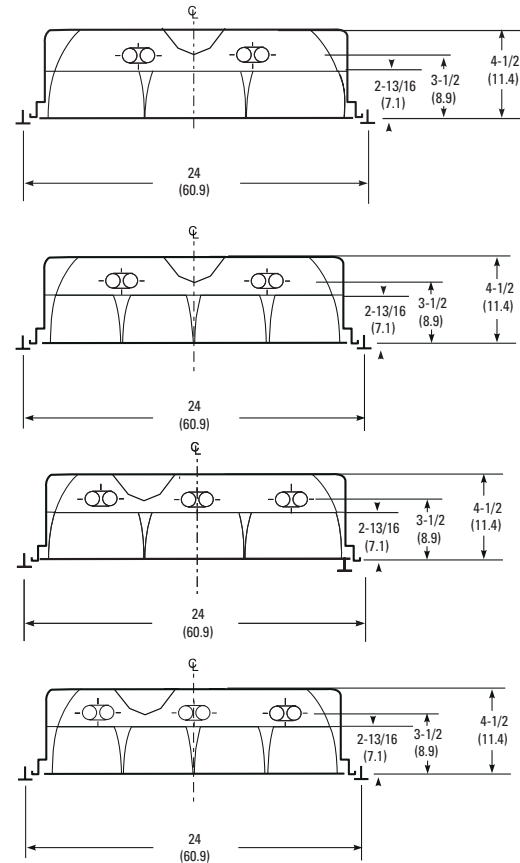


Notes

1 Recommended rough-in dimensions for F trim fixtures 24"x24". (Tolerance is +1/4", -0") Swing-gate range 1" to 4-3/16", span 23-1/2" to 26-5/16".

DIMENSIONS

All dimensions are inches (centimeters) unless specified otherwise.



PHOTOMETRICS

Calculated using the zonal cavity method in accordance with IESNA LM41 procedures. Floor reflectances are 20%. Lamp configurations shown are typical. Full photometric data on these and other configurations available upon request.

TEST NO: LTL14606

2PM3N 3U3IL

LUMENS PER LAMP: 2725

LAMPS PER LUMINAIRE: 3

TEST NO: LTL14688

2PM3N 3CF40L

LUMENS PER LAMP: 3150

LAMPS PER LUMINAIRE: 3

RCR	pf	Coefficients of Utilization								
		20%			70%			50%		
		pc	80%	30%	10%	50%	30%	10%	50%	30%
0	83	83	83	82	82	82	78	78	78	
1	75	73	70	74	71	69	71	69	67	
2	67	63	59	66	62	59	63	60	57	
3	60	55	51	58	54	50	56	53	49	
4	53	48	44	52	47	43	51	46	43	
5	48	42	38	47	42	38	46	41	37	
6	43	37	33	43	37	33	41	37	33	
7	39	34	30	39	33	29	38	33	29	
8	36	30	26	35	30	26	35	30	26	
9	33	27	24	33	27	24	32	27	24	
10	30	25	22	30	25	22	29	25	21	

RCR	pf	Coefficients of Utilization								
		20%			70%			50%		
		pc	80%	30%	10%	50%	30%	10%	50%	30%
0	84	84	84	82	82	82	78	78	78	
1	75	73	71	74	71	69	71	69	67	
2	67	63	60	66	62	59	63	60	58	
3	60	55	51	59	54	50	57	53	50	
4	54	48	44	53	48	44	51	47	43	
5	48	42	38	47	42	38	46	41	38	
6	44	38	34	43	37	33	42	37	33	
7	40	34	30	39	34	30	38	33	29	
8	36	30	27	36	30	27	35	30	26	
9	33	28	24	33	27	24	32	27	24	
10	31	25	22	30	25	22	29	25	22	

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	1856.9	22.7	32.4
0° - 40°	3086.0	37.7	53.8
0° - 60°	5258.3	64.3	91.7
0° - 90°	5731.7	70.1	100.0
90° - 180°	0.0	0.0	0.0
0° - 180°	5731.7	70.1	100.0

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	2124.2	22.5	32.0
0° - 40°	3627.4	38.4	54.7
0° - 60°	6128.0	64.8	92.4
0° - 90°	6628.9	70.1	100.0
90° - 180°	0.0	0.0	0.0
0° - 180°	6628.9	70.1	100.0