

HLR241

2X2 & 2x4 Recessed Lay In Troffer

This Unit is designed especially for use for quick installation with inverted T Bar ceilings. This Troffer unit is for use in all office, commercial, and institutional areas and is available in a variety of options to suit your needs.

Construction: Housing is die formed from heavy gauge steel and is finished in a baked white enamel or polyester powder coating for maximum reflectivity and durability. Hinged door with mitered corners comes with slide latches which allow for easy relamping and maintenance. Lens is clear prismatic non yellowing acrylic for even light distribution. Lens options available upon request.

Electrical: All units are furnished with UL Listed Class P thermally protected ballast. Other voltages are available upon request. Fixtures meet requirements for UL Luminaire Standard # 1598. All units comply with National Energy Standard. All units are UL certified damp location M 59006648

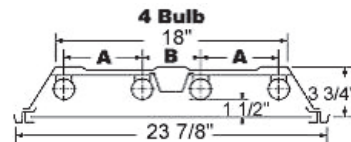
Mounting: All units are equipped with 7/8" knockouts in top, sides and end plates. Designed for use in inverted T Bar ceilings this fixture comes with earthquake clips built into end plate.

WARRANTY & LISTINGS:

- 5-year warranty of all electronics and housing.
- UL Certified for damp location M 59006648



DIMENSIONS

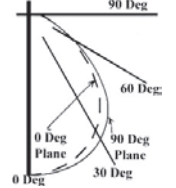


Fixture Length			
T12	T8	T5	Length
F20T12	F17T8	F14T5	24"
F40T12	F32T8	F28T5	48"
U Lamps Bias			
F031U	---	---	24"
F32U6	F40BX	---	24"
F40T12U6	---	---	24"

Bulb Spacing	2 Lamp	3 Lamp	4 Lamp
A	10 1/2"	6"	5"
B			5 1/2"

Coefficients Utilization Zonal Cavity Method											
20											
RF	70	50	30	10	70	50	30	10	50	30	10
RC	70	50	30	10	70	50	30	10	50	30	10
0	80	80	80	80	79	79	79	79	75	75	75
1	75	72	69	67	73	70	68	66	67	66	64
2	69	64	60	57	67	63	59	56	60	57	55
3	64	57	52	49	62	56	52	48	54	51	47
4	59	51	46	42	57	51	46	42	49	45	41
5	54	46	40	36	53	45	40	36	44	39	36
6	50	41	36	32	49	41	35	32	40	35	31
7	46	37	32	28	45	37	31	28	36	31	27
8	42	34	28	24	41	33	28	24	32	27	24
9	39	30	25	21	38	30	24	21	29	24	21
10	36	27	22	19	35	27	22	19	26	22	18

Photometric Curve



max weight= 40lbs/48"

Ordering Guide

Series	# of Lamps	Lamp Size	Ballast Type	Options
HLR241-2x4 = 2'x4'	1 = 1 lamp	T8	MV = Multivolt	EMB = Emergency Ballast
HLR241-2x2 = 2'x2'	2 = 2 lamp	T5	E-LW = Electronic .77 BF	REF= Solver Aluminum Reflector
	3 = 3 lamp	17 = 24"	E-O = Electronic 1.18 BF	1.5 9cell = shallow 1.5" 9cell door 2x2
	4 = 4 lamp	32 = 48"	E-DIM = Dimming Unit	1.5 18cell = shallow 1.5" 18cell door 2x4
		T12	SET LED N = Wired 1 end hot for LED tubes	.125 = .125" prismatic lens
		20 = 24"	SET LED N/S = Wired 2 ends hot for LED tubes	DD = Acrylic Deep Dish Lens
		40 = 48"	W/LEDIF = LED ballast driven tubes	EGG= 1/2" White Egg Crate Louver
		T5HO		.75 Sil - 3/4" silver parabolic lens
		24 = 24"		1.5sil = 1.5" silver parabolic lens
		40 = 48"		2BAL= 2 BALLAST
		ULAMP/Biax		POLY = Polycarb lens
		31U = 1.5" ULAMP T8		
		32U6 = 6" ULAMP T8		
		40U6 = 6" ULAMP T12		
		40BX= F40BX		