



PRODUCT FEATURES

MINIMAL RECESSED HEIGHT

Width: 3.0" Height: 3.5"

ONE-PIECE EXTRUDED ALUMINUM HOUSING

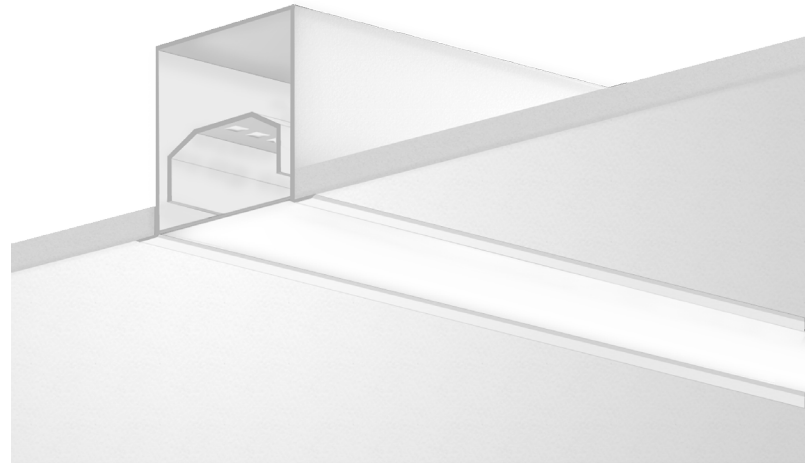
One-Piece Extruded Aluminum Housing Ensures Straighter Rows and Consistent Lens Retention

MULTIPLE CEILING SYSTEMS

Engineered to be Installed within Multiple Ceiling Applications

0-10 VOLT DIMMING TO 1% STANDARD

94-96 LUMENS PER WATT



ORDERING GUIDE EX: 3R - 08 - HD - 35 - T1 - WH

SERIES	LENGTH	OUTPUT	CCT	MOUNTING	FINISH	
3R	XX FT 4 INCREMENTS MAX 72' EX: 4' = 04	HD 1000 LM/FT MD 750 LM/FT LD 500 LM/FT	30 3000K 35 3500K 40 4000K	T1 1" T GRID T9 9/16" T GRID TG 9/16" T-TEG GRID	SC SCREW SLOT GRID OF OVERLAPPING FLANGE HARD CEILING	WH WH WHITE

OPERATION

Light Engine:

The 3R is available in 3000K, 3500K & 4000K CCT all within a 2.5-Step MacAdam Ellipse and has a standard CRI of 80+.

Optics:

The back lit extruded acrylic lens ensures high efficiency light output, in a minimal form factor for a clean, evenly illuminated lower surface with minimal glare.

Electrical:

Class 2 programmable (factory pre-set) premium power supply, 120-277VAC input. Power factor >0.9. THD <15%. Integral Surge Protection to 2KV.

Dimming:

The 3R comes standard with 0-10V dimming down to 1%.

GENERAL

Warranty:

Ten (10) Year limited warranty from date of shipment

Lumen Maintenance:

Rated for 85% initial lumen output at 50,000 Hours of operation, operated at 25C ambient temperature; per TM-21 Guidelines published by the Illuminating Engineering Society (IES).

Certification

All Luminaires are UL and cUL Listed, approved for Dry/Damp locations

Made in the USA

All ALL Luminaires and Components (with the exception of our LED boards and drivers) are proudly manufactured and assembled in the USA.

Shipping

2-Week lead time for orders up to 1000 Linear Feet

MECHANICAL

Housing Construction:

Extruded Aluminum 6063-T5 alloy outer housing with die-formed steel internal components for strength, alignment and mounting attachment.

Alignment/Assembly:

The alignment system employs a four-point alignment and attachment method, designed to create straighter rows and minimize seams between sections (field assembled). Two alignment pins ensure the outer extruded aluminum rails are aligned, while two draw-screws secure housing-to-housing attachment.

Lengths:

The 3R is available in a minimum 4-foot (nominal) length with additional 4-foot increments available. Longer fixture rows are available and will be configured per ALL factory specifications; typical rows are configured with 4-foot & 8-foot fixtures.

Mounting Method/Hardware:

The 3R is designed for lay-in grid ceilings or "Hard" sheet rock construction. Hard ceiling installations can be supplied for overlapping flange.

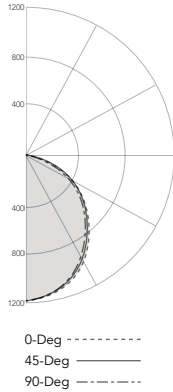
Exterior Finish:

The 3R is available in White polyester powder coat finish to ensure durability.

PHOTOMETRICS

3R-04-MD-30

Total Lumens: 3,052
Ratio: 0% Up and 100% Down
Wattage: 31.80
Efficacy: 96.00 (Lumens Per Watt)
Fixture Length: Four Feet



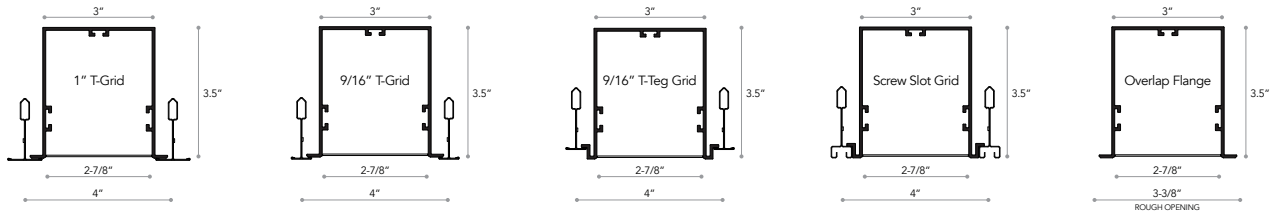
ZONAL LUMEN SUMMARY

Zone	Lumens	% Fixt
0 - 30	888	29.1
0 - 40	1427	46.8
0 - 60	2443	80.0
0 - 90	3052	100.0
90 - 180	0	0.0
0 - 180	3052	100.0

ENERGY CONSUMPTION WATTS PER LINEAR FOOT

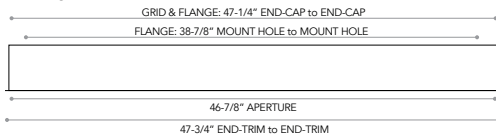
	H:1000	M:750	L:500
WATTS/FT	10.40	7.95	5.48
LUMENS/FT	980.75	763.00	524.25
LUMENS/W	94.30	96.00	95.80

MOUNTING OPTIONS

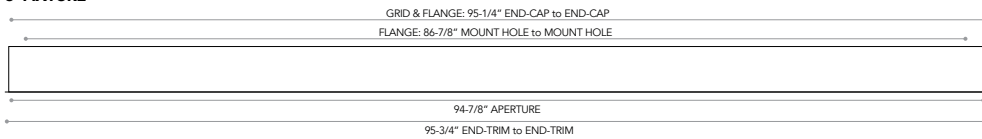


FIXTURE ROW LAYOUT: SINGLE UNIT 4' - 8' - 12'

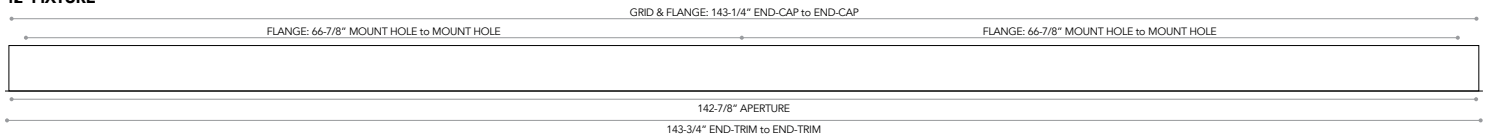
4' FIXTURE



8' FIXTURE

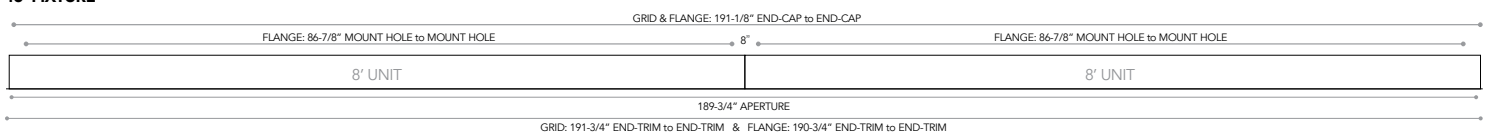


12' FIXTURE



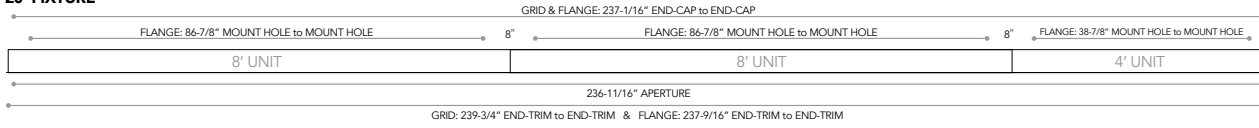
FIXTURE ROW LAYOUT: TWO UNITS 16'

16' FIXTURE

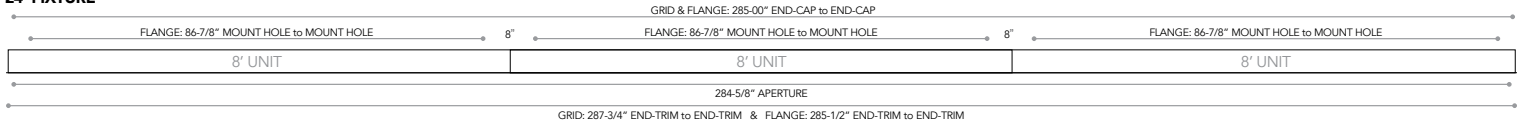


FIXTURE ROW LAYOUT: THREE UNITS 20' - 24'

20' FIXTURE



24' FIXTURE



FIXTURE ROW COMPONENTS

ROW LENGTH	4' - UNIT	8' - UNIT	12' - UNIT	JOIN KITS	APERTURE FLANGE & GRID	END-CAP TO END-CAP FLANGE & GRID	END-TRIM TO END-TRIM		END-TRIM LENGTH GRID
							FLANGE	GRID	
4'	1	-	-	-	46-7/8"	47-1/4"	47-3/4"	47-3/4"	1/2"
8'	-	1	-	-	94-7/8"	95-1/4"	95-3/4"	95-3/4"	1/2"
12'	-	-	1	-	142-7/8"	143-1/4"	143-3/4"	143-3/4"	1/2"
16'	-	2	-	1	189-3/4"	190-1/8"	190-5/8"	191-3/4"	1-00"
20'	1	2	-	2	236-11/16"	237-1/16"	237-9/16"	239-3/4"	1-1/2"
24'	-	3	-	2	284-5/8"	285-00"	285-1/2"	287-3/4"	1-1/2"
28'	1	3	-	3	331-5/8"	332-00"	332-1/2"	335-3/4"	2-1/8"
32'	-	4	-	3	379-5/8"	378-00"	378-1/2"	383-3/4"	2-1/8"
36'	1	4	-	4	426-1/2"	426-7/8"	427-3/8"	431-3/4"	2-5/8"
40'	-	5	-	4	474-1/2"	474-7/8"	475-3/8"	479-3/4"	2-5/8"
44'	1	5	-	5	521-7/16"	521-13/16"	522-5/16"	527-3/4"	3-3/16"
48'	-	6	-	5	569-7/16"	569-13/16"	570-5/16"	575-3/4"	3-3/16"
52'	1	6	-	6	616-3/8"	616-3/4"	617-1/4"	623-3/4"	3-3/4"
56'	-	7	-	6	664-3/8"	664-3/4"	665-1/4"	671-3/4"	3-3/4"
60'	1	7	-	7	711-1/4"	711-5/8"	712-1/8"	719-3/4"	4-1/4"
64'	-	8	-	7	759-1/4"	759-5/8"	760-1/8"	767-3/4"	4-1/4"
68'	1	8	-	8	806-1/8"	806-1/2"	807-00"	815-3/4"	4-3/4"
72'	-	9	-	8	854-1/8"	854-1/2"	855-00"	863-3/4"	4-3/4"

Note 1

Flange Mount Fixtures have Mounting Holes 4-3/16" from End-Cap

Note 2

Flange Mount Fixture Rows Consisting of Multiple Units (16'-72') have 8" O.C. Between Mounting Holes at Fixture Joints