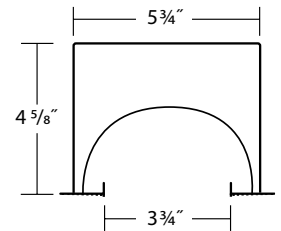


Type:

Job:



A paradigm-shifter for architectural recessed linear.

Stream is a mind-bending illumination breakthrough that plays with depth perception, creating an uninterrupted line of light that extends as far as the blueprint dictates.

STR-LED35-MO
2594 Delivered Lumens
24 Watts
107 lm/w
1.3 Spacing Criteria

UP TO **107** LM/W

	LOW	MEDIUM	STANDARD	HIGH
lm/ft	430	650	900	1100
w/ft	4	6	8.5	11

Lumen output may vary +/- 5%
4000K used for lm/ft estimates above
3500K -2% If, 3000K -4%, 2700K -6%
See LED Details PDF for more info



*STR-LED35SO is DLC QPL listed. For other DLC listings, please consult factory.

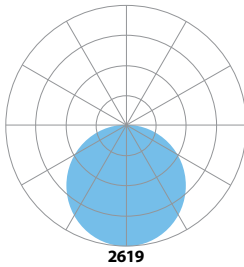
SERIES	LED COLOR	OUTPUT	NOMINAL LENGTH	TRIM COLOR	DISTRI-BUTION	CIRCUIT-ING	VOLTAGE	CEILING SYSTEMS	CONTROLS	OPTIONS
STR-										
Stream	LED3 3000K LED35 3500K LED4 4000K	LO Low MO Medium SO Standard HO High PROG Programmable light output (Specify desired lm/ ft or w/ft)	2' (N/A T-Bar) 3' 4' 6' 8' R____ (Row length 1' increments)	TMW Textured Matte White Standard YGW Gloss White Y____ Premium Color CC Custom Color	D1 Direct	SC Single Circuit	UNV (120-277)	X1 15/16" T-Bar 6" Armstrong TechZone compatible (TZ6) X1M 9/16" T-Bar Must be hung on 5-7/8" centers X3 Hard Ceiling X7 Trimless Mud-Over Flange	ND Non-Dimming DM10 0-10v 10% Dimming (Standard) DM01 0-10v 1% Dimming STEP Step Dimming 100-50-Off DML 1% Lutron Dimming DMG 1% DALI Dimming DMD 0.1% DALI Dimming	EML* Emergency Battery, Low (900 Delivered lumens, Remote RTK Test Kit included) EMH* Emergency Battery, High (1250 Delivered lumens, Remote RTK Test Kit included) PRUBIN Meticulous Binning and Labeling Every LED Board within a 2-Step MacAdams Ellipse *Emergency light and switch install in ceiling (IOTA RTK- TBTS Remote Test Kit)



PHOTOMETRICS

Standard Output:

STR-LED35-MO
2594 Delivered Lumens
24 Watts
107 lm/w
1.3 Spacing Criteria
3500 CCT



Zonal Lumen Summary:
0-90 = 100%

Vertical Angle	0	22.25	45	67.5	90
0	2619	2619	2619	2619	2619
5	2290	2337	2462	2578	2603
15	1486	1526	1675	2096	2463
25	1101	1134	1233	1588	2149
35	787	814	898	1145	1692
45	559	580	623	792	1141
55	381	394	432	521	673
65	255	260	272	311	346
75	157	153	151	147	146
85	54	50	47	41	32
90	0	0	0	0	0

LUMEN MAINTENANCE

Designed to last with cool running mid-power LEDs projected to maintain 90% (L90) of their initial output for 100,000 hours (at HO), and L70 exceeding 150,000 hours.

LED SYSTEM

LED modules and drivers are field replaceable.

PROG (optional)

Programmable light output. Specify desired lumens or watts per linear foot. Min: 2.5 w/ft, consult factory for requests above 12 w/ft.

BINNING

Standard binning (all Prudential LED boards) includes testing at the chip level and board integration to provide consistent color temperature within a 3-step MacAdam ellipse, with +/- 5% lumen output range and +/- .004 Duv.

PRUBIN* (OPTIONAL)

Prudential Ltg's exclusive 'job binning' method that ensures color temperature consistency across all luminaires on a project. Meticulously testing and labeling EVERY LED BOARD to +/- 25 lumens, +/- 50k CCT and +/- .004 Duv — while also separating positive from negative — allows us to match color, hue and intensity throughout a project and provides a consistent color temperature within a 2-step MacAdam ellipse.

LABELS

ETL damp labeled and I.B.E.W. manufactured

ELECTRICAL

Must specify LED dimming controls. LED fixtures have constant current driver(s) with less than 20% THD when loaded to a minimum of 60%. Drivers sink a maximum of 6mA per driver. DM10 LED drivers are 0-10V dimmable and are compatible with most 0-10V wall slide dimmers and direct 0-10V analog signal dimmers. Max driver size 2.25" w x 1 1/8" h.

CONSTRUCTION

- Housing: Die-formed 20-gauge USA steel, >20% PC recycled, 100% recyclable
- End Caps: Steel with magnetic attachment, >20% PC recycled, 100% recyclable
- Trim: Extruded aluminum, >25% PC recycled, 100% recyclable
- Reflector: 98% high diffuse reflector film (200' roll) UV Stable (UL 94v)

LABELS

ETL damp labeled and I.B.E.W. manufactured

MOUNTING

Recessed into drywall or T-bar ceilings

WEIGHT

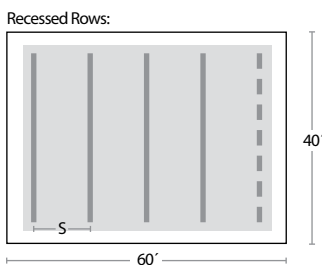
3.75 lbs/ft

WARRANTY

Single-source, 5 year limited warranty covers standard components and construction

Stream's wider spacing

Wide distribution (1.3 sc) means fewer luminaires per job – exceeding industry standards and saving energy.



	watts/ft	spacing (S)	ceiling height	row length	# of 32' rows	average illuminance (50 working plane)	power density (w/5ft)	Max	Min	Max/Min Ratio
Low Output - 540 lm/ft	6	12'	9'	32	5	30fc	.4	43fc	18fc	2.4
Standard Output - 765 lm/ft	8.5	14'	10'	32	4	36fc	.45	57fc	23fc	2.5

Calculation notes:

- 3500K
- .8 LLF (light loss factor) includes:
 - .86 LLD (lamp lumen depreciation)
 - .95 LDD (luminaire dirt depreciation)
 - .98 RSDD (room surface dirt depreciation)
- Grey area indicates calculation zone

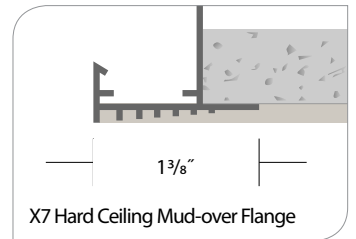
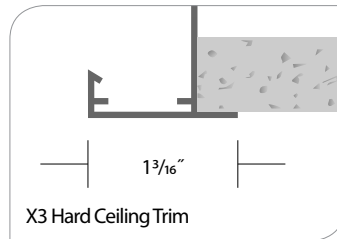
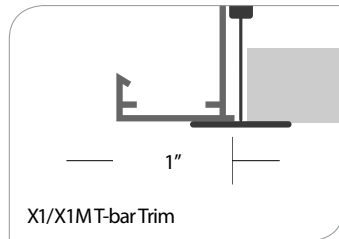




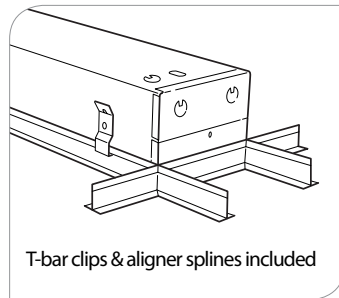
Install Stream vertically in walls for an alcove-like effect



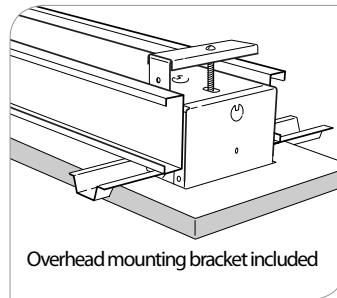
MOUNTING OPTIONS



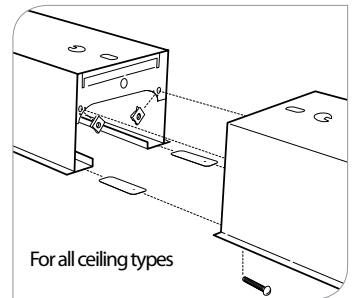
T-BAR MOUNTING



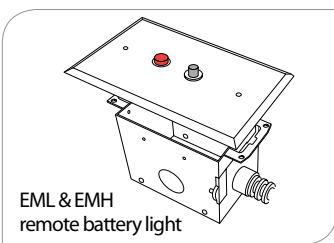
HARD CEILING MOUNTING



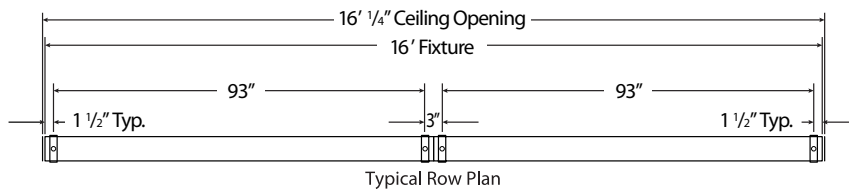
ADJOINING DETAIL



RTK REMOTE TEST KIT



MOUNTING LOCATIONS



Length of ceiling opening =
Fixture Row Length + 125"
on each end (.25" total)

LONG RUNS OF THE FLEXIBLE REFLECTOR INSTALLS IN 3 EASY STEPS

