



Stream™ Dot | Recessed 4" Round 'Architectural Accent'

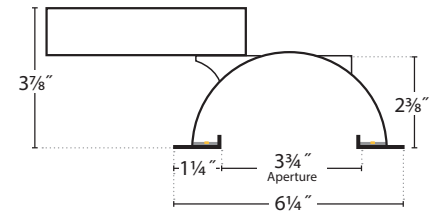


PRUDENTIAL LTG.

PRULITE.COM 213.746.0360

Type:

Job:



Dot 'accent' lights punctuate architectural interiors.

Our veiled ambient Stream series of recessed and pendant fixtures now include 4" round and square 'architectural accent' lights to complete a recessed line of light. Soft indirect hidden LEDs reduces glare and offer a wide, even distribution of light. Stream Dots have the same form factor as downlights, but look and perform uniquely Stream-like.

RDOT-LED35-LO

- 332 Delivered Lumens
- 5 Watts
- 67 lm/w
- 3500 CCT

UPTO **67** LM/W

	LO	MO	SO	HO
lm	332	460	800	967
w	5.3	7	14.4	18.2

[CLICK HERE](#)



Lumen output may vary +/- 5%
3500K used for lm/ft estimates above
4000K +2% lf, 3000K -2%, 2700K -4%

SERIES	LED COLOR	OUTPUT	TRIM COLOR	CIRCUITING	VOLTAGE	CEILING SYSTEMS	DRIVERS	OPTIONS
RDOT								
Round Dot	LED27 2700K, 90 CRI LED3 3000K, 90 CRI LED35 3500K, 90 CRI LED4 4000K, 90 CRI	LO Low (Matches 4" recessed SO) MO Medium (Matches 4" recessed HO) SO Standard HO High (HO not recommended for wall mount) PROG Pro-grammable Light Output (Specify desired lm/ft or w/ft)	TMW Textured Matte White (Standard) YGW Gloss White YSW Seashell White (Premium color) Y_ Premium Color CC Custom Color	SC Single Circuit	UNV (120-277) 347 Requires — • Rough-in box • Remote box for TechZone & X3R (See page 5)	X1† T-Bar 1 5/16" or 9/16" X3 Flanged Hard Ceiling (No Rough-in Box) X3R† Flanged Hard Ceiling X7† Flangeless Mud-in Hard Ceiling <i>† Rough-in Box included</i>	ND Non-Dimming DM01 0-10v, 1% Dimming (Standard, Magtech — Osram option for Programmable) LDE5* 5-Series EcoSystem LED LDE1* Hi-Lume 1% EcoSystem LED (Soft fade on, fade-to-black dimming) * SO and HO only ECO 1% 0-10v, EldoLED (Logarithmic dimming std) ECDA 1% DALI, EldoLED (Logarithmic dimming std) SOLO 0.1% 0-10v, EldoLED (Dim-to-dark, Logarithmic dimming std) SODA 0.1% DALI, EldoLED (Dim-to-dark, Logarithmic dimming std)	EML Emergency Battery (EML not available in certain configurations. See page 5) NOTE: RTK kit required ADC Acrylic Dust Cover CP Chicago Plenum (NA with X3R) PRUBIN Meticulous Binning and Labeling every LED Board within a 2-Step Mac-Adams Ellipse



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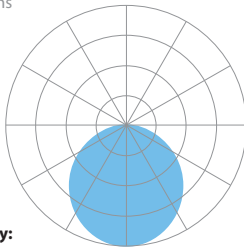
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PHOTOMETRICS

RDOT-LED35-LO

332 Delivered Lumens
5 Watts
67 lm/w
3500 CCT



Zonal Lumen Summary:
0-90 = 60%

1225

Vertical Angle	0°	25°	45°	65°	90°
0°	121	121	121	121	121
5°	120	120	120	121	120
10°	119	119	119	119	119
15°	117	117	117	117	117
20°	114	114	114	114	114
25°	111	111	111	110	111
30°	108	107	107	106	107
35°	104	103	102	102	102
40°	99	98	98	97	97
45°	93	92	92	91	91
50°	87	86	85	84	84
55°	80	79	78	77	77
60°	71	71	70	69	68
65°	62	61	62	60	68
70°	51	51	51	49	48
75°	38	38	39	37	36
80°	24	25	25	24	23
85°	14	13	13	13	10
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.

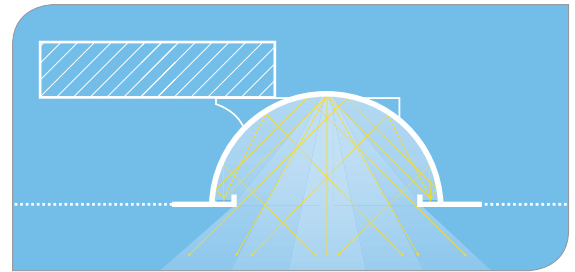
LED SYSTEM LED modules and drivers are field replaceable.

PROG (OPTIONAL) Specify desired lumens or watts per fixture. Round Dot min: 5.3 watts, max: 18.4 watts. Square Dot min: 4.7 watts, max: 16.8 watts.

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 MacAdams 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 MacAdams ellipse.

STREAM SERIES "VEILED AMBIENT" ILLUMINATION



Stream's soft, even hidden light source creates a "skylight" effect.

LABELS

IC Rated. 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.

CONSTRUCTION

Housing 20-gauge steel galvanized housing, >20% PC recycled, 100% recyclable, PAF, Painted After Fabrication & cast aluminum trim.

WARRANTY

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



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YSW – Seashell White (Matte)	YCH – Champagne (Metallic)
YSL – Silver (Metallic)	YPE – Pewter (Matte)
YRG – Rain Grey (Gloss)	YSTM – Storm Grey (Matte)
YBK – Black (Matte)	YBB – Black (Semi Gloss)
YSKM – Sky (Matte)	YMB – Military Blue (Matte)
YIB – Interstate Blue (Matte)	YSAM – Sapphire (Matte)
YFGM – Forest Green (Matte)	YBR – Bronze (Matte)
YBY – Boysenberry (Matte)	YSRM – Sunset Red (Matte)
YOR – Orange (Matte)	YDAM – Daffodil (Matte)

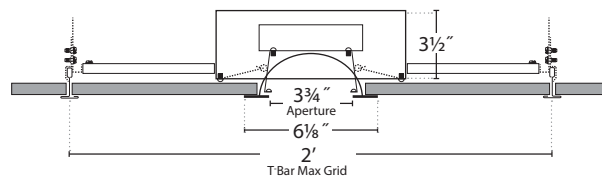
Choose from one of our Premium Colors with no set-up fee.

For paint chip samples, please email: info@prulite.com

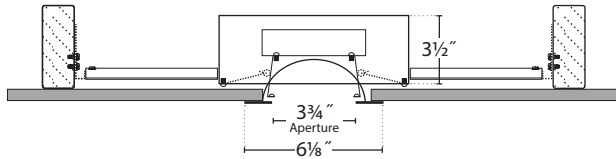


MOUNTING

X1 : T-Bar Flanged

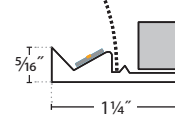


X3, X7: Hard Ceiling

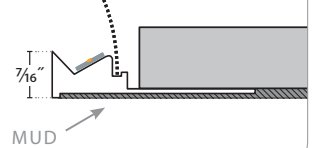


TRIM DETAILS

X1, X3: Flanged

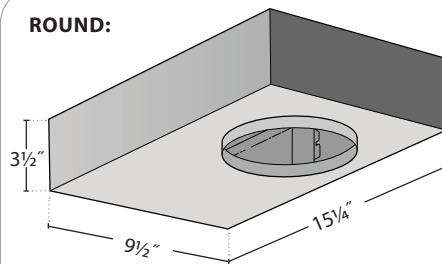


X7: Mud Over

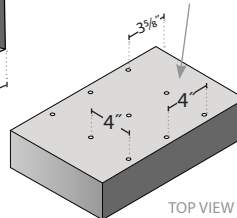


ROUGH-IN BOX DETAILS

ROUND:



Holes for surface mounting as needed

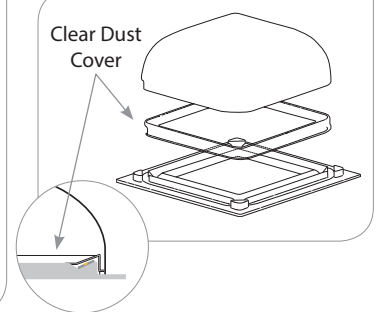


INCLUDED WITH X1, X3R AND X7

TOP VIEW

ACRYLIC DUST COVER (ADC)

Clear Dust Cover



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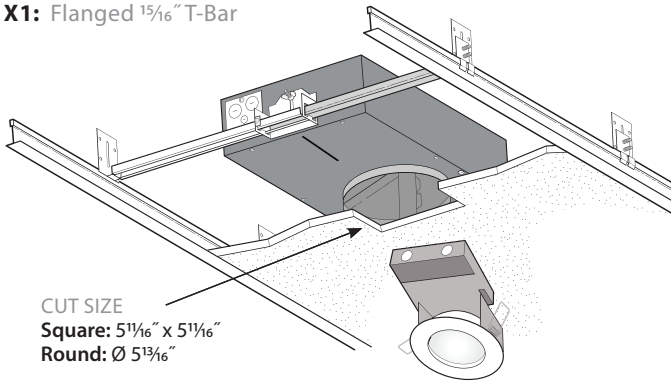


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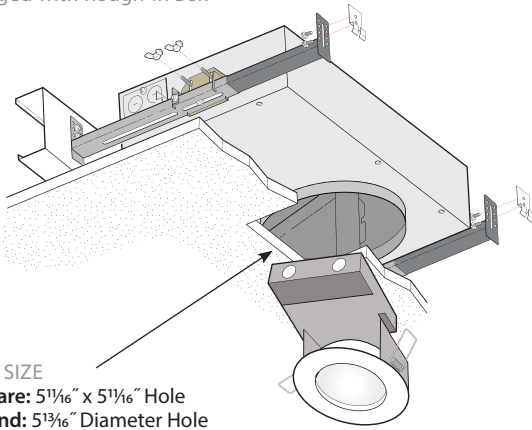
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CEILING SYSTEMS

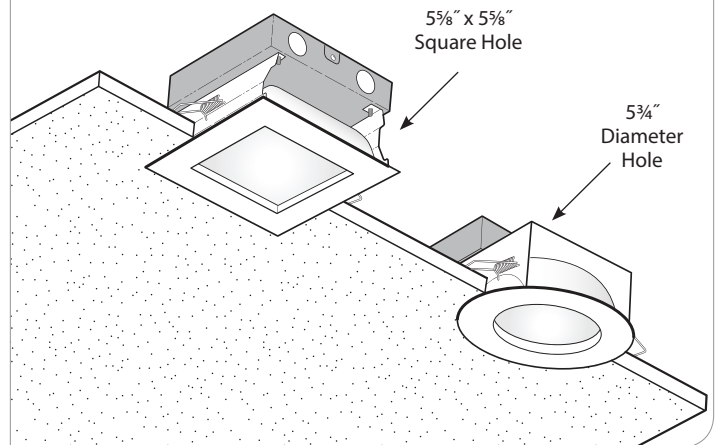
X1: Flanged 1 $\frac{5}{16}$ " T-Bar



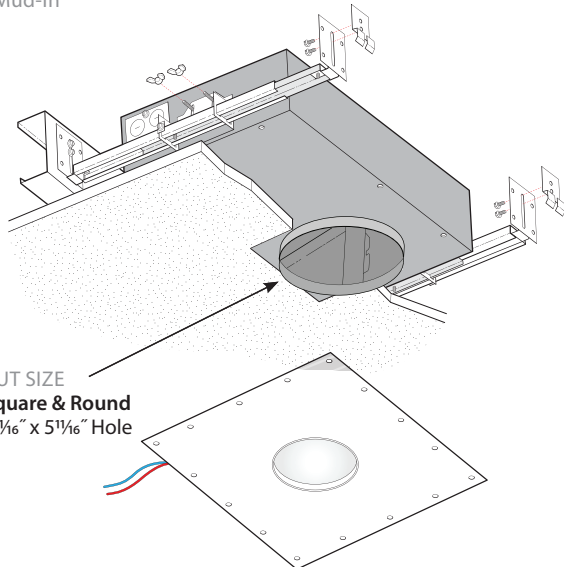
X3R: Flanged with Rough-in Box



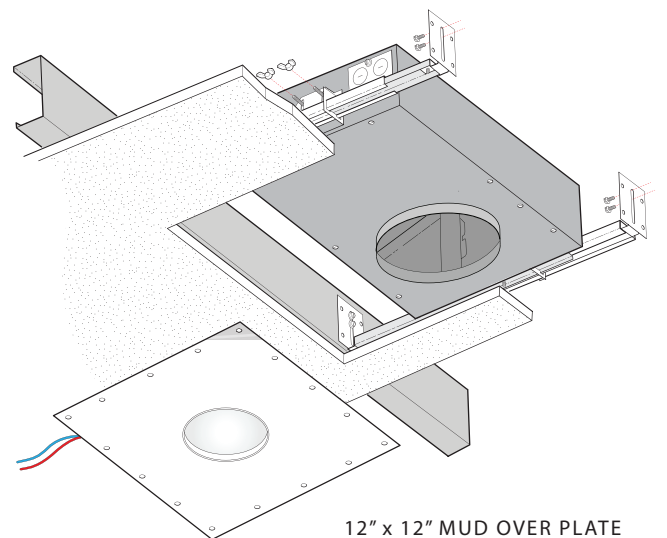
X3: Flanged without Rough-in Box



X7: Mud-in



X7: Mud-in



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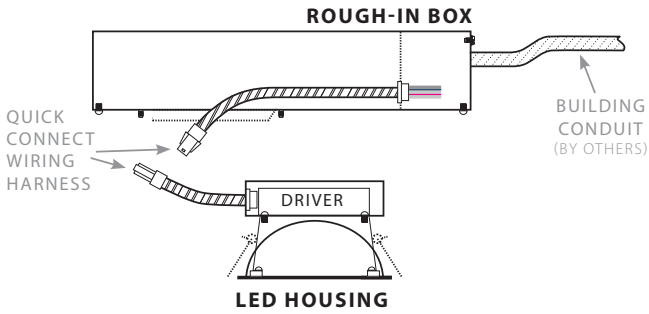


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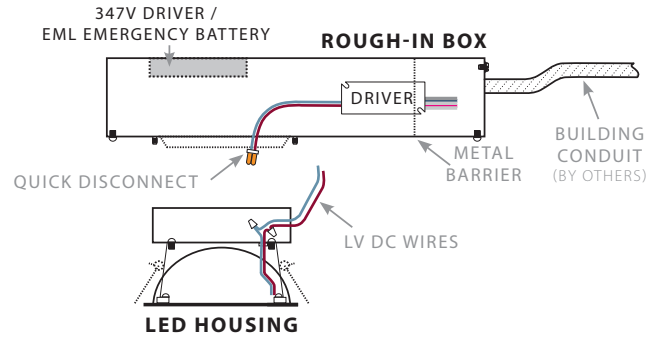
WIRING DIAGRAMS

X1: T-Bar, X3 Flanged Hard Ceiling
(Driver in LED housing with Rough-in Box Included, optional for X3)

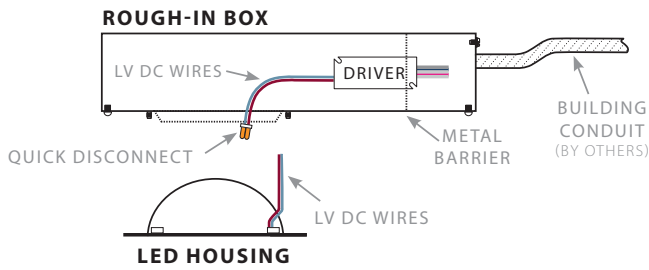


347V & EML EMERGENCY BATTERY FOR:

X1: T-Bar, X3 Flanged Hard Ceiling
(Driver in Rough-in Box, optional for X3)

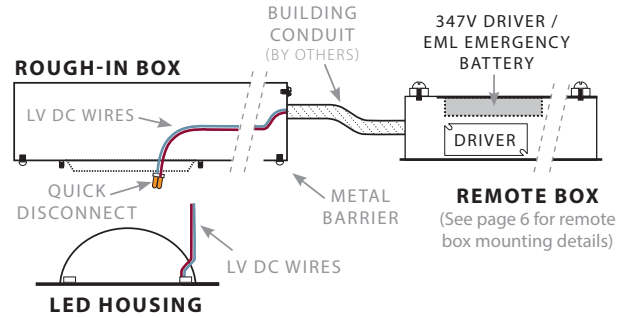


X7: Hard Ceiling Mud-in
(Driver in Rough-in Box)

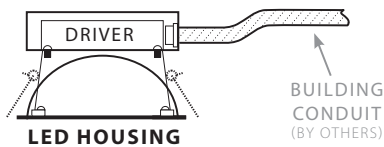


347V & EML EMERGENCY BATTERY FOR:

X7: Hard Ceiling Mud-in



X3: Flanged Hard Ceiling — No Rough-in Box
(Driver in LED housing)



347V & EML EMERGENCY BATTERY FOR:

X3: Flanged Hard Ceiling

