LED

Stream™ Dot | Recessed
4˝ Square '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.

3⅞˝

3¾˝ Aperture

6⅛˝
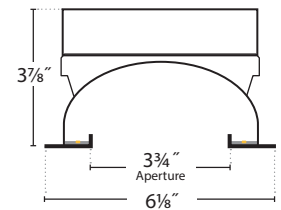
SDP-6-LED35-SO-NU-UNV-NU

791	Delivered Lumens
10	Watts
79	lm/w
3500	CCT

UP TO 79 LPW

CLICK HERE

	LO	MO	SO	HO
lm	400	600	790	1050
w	5.2	7.7	10.1	14

Declare.   **TechZone6**   **5 YEAR LED WARRANTY**   **IC RATED**   **LED Details**   **Made in the USA**

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

SERIES	LED COLOR	OUTPUT	TRIM COLOR	CIRCUIT-ING	VOLTAGE	CEILING SYSTEMS	DRIVERS	OPTIONS
SDOT				SC				
Square 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 **SO** Standard **HO** High **PROG** Programmable Light Output (Specify desired lumen or watts)	**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, Consult factory for Eldo, Lutron)	**X1†** T-Bar ¹⁵⁄₁₆˝ or ⁹⁄₁₆˝ **X1Z** Fits TechZone6 **X2Z** TechZone6 for Dimensional T-Bar or Slot Grid **X3** Flanged Hard Ceiling (Remodel) **X3R†** Flanged Hard Ceiling (New construction) **X7†** Mud-in Hard Ceiling (Flangeless) *† Rough-in Box required*	**ND** Non-Dimming **DM01** 0-10v, 1% Dimming (Osram Standard for 0-10V) **LDE1** Lutron 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 (Ships installed) **CP** Chicago Plenum (NA with X1Z, X2Z & X3R)

DIRECT

Standard Output:
SDP-6-LED35-SO-NU-UNV-NU

791	Delivered Lumens
10	Watts
79	lm/w
3500	CCT
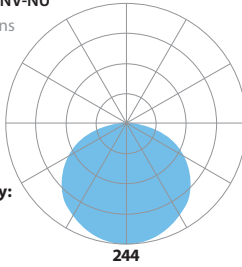
Zonal Lumen Summary:
0-90 (Down) = 100%
90-180 (Up) = 0%

244

Vertical Angle	0°	25°	45°	65°	90°
0°	244	244	244	244	244
10°	239	240	240	240	239
20°	230	230	230	229	230
30°	214	214	213	214	214
40°	195	193	193	193	194
50°	169	167	167	167	168
60°	136	135	136	134	135
70°	93	93	96	93	93
80°	5	6	6	5	5
90°	0	0	0	0	0

STREAM SERIES "VEILED AMBIENT" ILLUMINATION
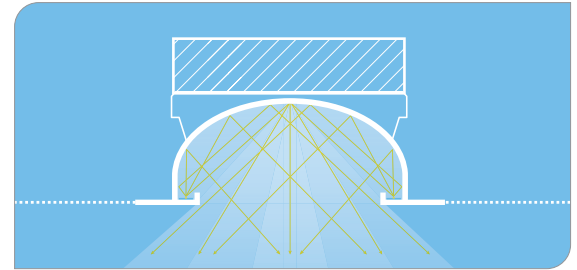
Stream's soft, even hidden light source creates a "skylight" effect.

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.

LABELS IC Rated. CSA and 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. DM01 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

Stream™ Dot | Recessed
4˝ Square 'Architectural Accent'

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)
2´-3´ GRID CENTERS REQUIRED (N/A FOR 1´x 1´ GRID CENTER)

3½˝
3 ¾ ˝ Aperture
6 ⅛ ˝
2´
T-Bar Grid Centers
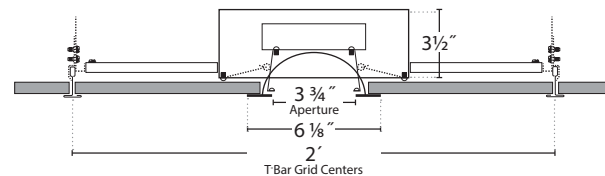
X3R, X7: Hard Ceiling

3½˝
3¾˝ Aperture
6⅛ ˝
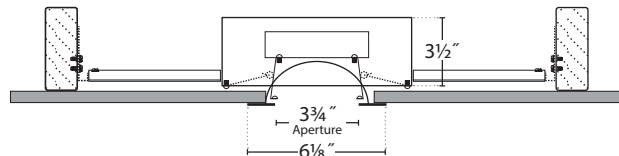
TRIM DETAILS

X1, X3, X3R: Flanged
5/16˝
1 3/16 ˝

X7: Mud Over
7/16˝
MUD

ACRYLIC DUST COVER (ADC)

Clear Dust Cover

6˝ TECHZONE

Grid Clips
3 ¾ ˝ Aperture
5 ⅞ ˝
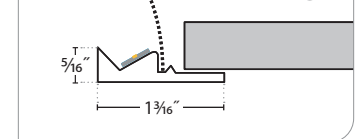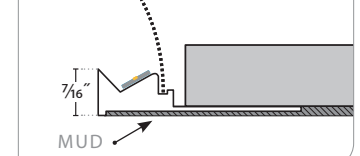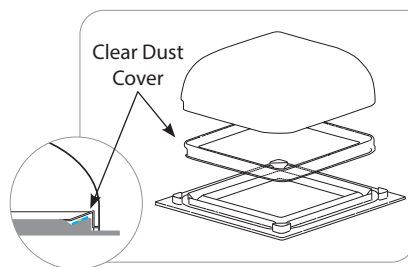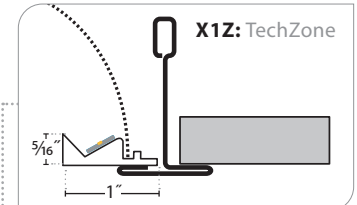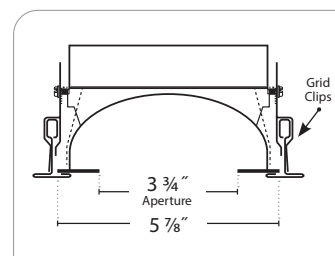
X1Z: TechZone
5/16˝
1˝

X2Z: TechZone Interlude
½˝
1˝
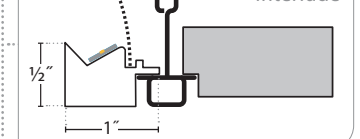
X2Z: TechZone Slot Grid
½˝
1˝

ROUGH IN BOX
X7

3 ½ ˝
6 ⅝ ˝
8 ⅛ ˝

X1, X3R

Rotates to align square dots
Holes for surface mounting as needed

3 ½ ˝
9 ½ ˝
15 ¼ ˝
3 ⅝ ˝
4˝
4˝
TOP VIEW
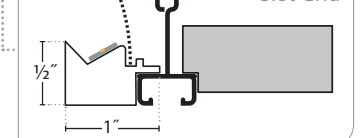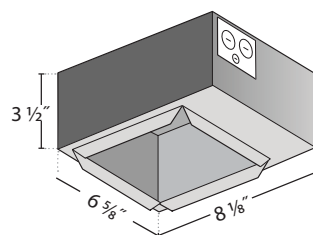
INCLUDED WITH X1, X3R AND X7

CEILING SYSTEMS

X1: Flanged ¹⁵⁄₁₆″ T-Bar

2´- 3´ GRID CENTERS REQUIRED
(N/A FOR 1´x 1´ GRID CENTER)

CUT SIZE
Square: 5 ¹¹⁄₁₆″ x 5 ¹¹⁄₁₆″
Round: 5 ¹³⁄₁₆″ Diameter
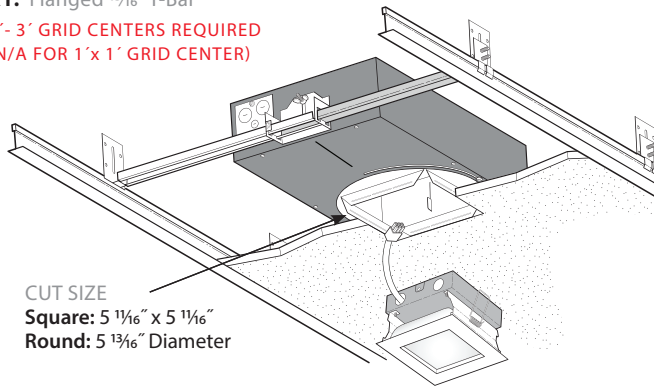
X1Z/X27: Armstrong TechZone 6″
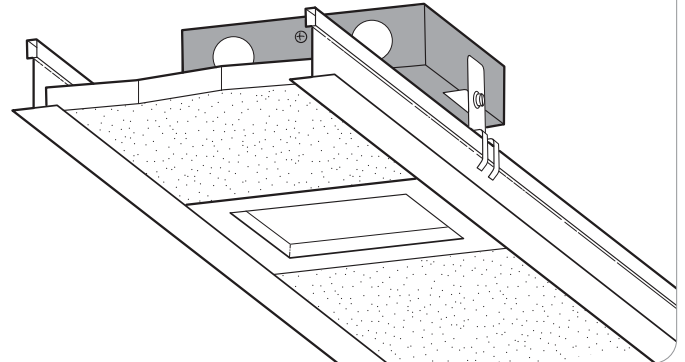
X3R: Flanged with Rough-in Box

CUT SIZE
Square: 5¹¹⁄₁₆″ x 5¹¹⁄₁₆″ Hole
Round: 5¹³⁄₁₆″ Diameter Hole
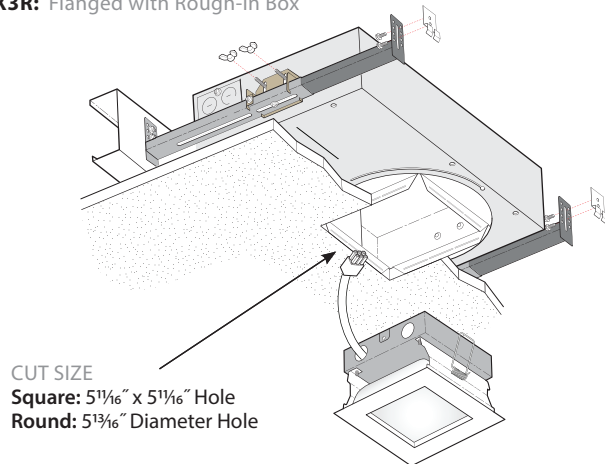
X3: Flanged without Rough-in Box
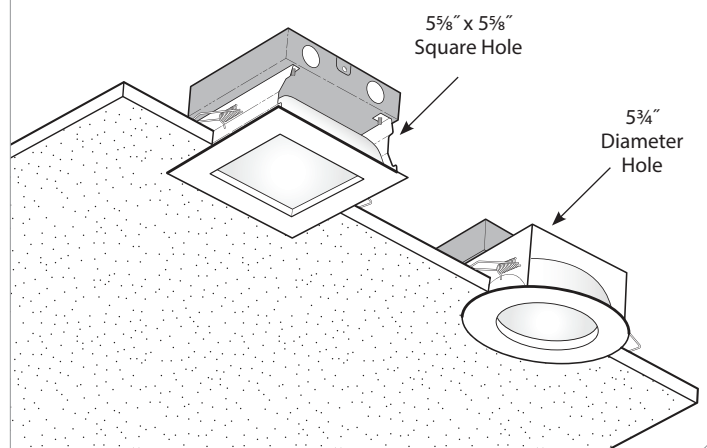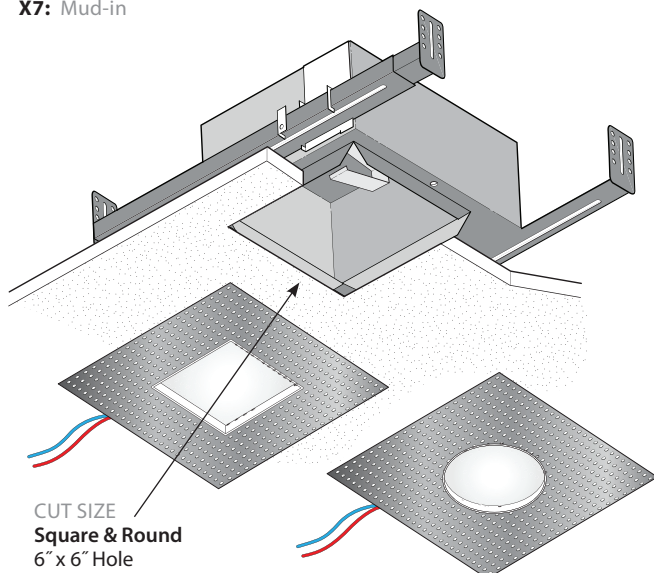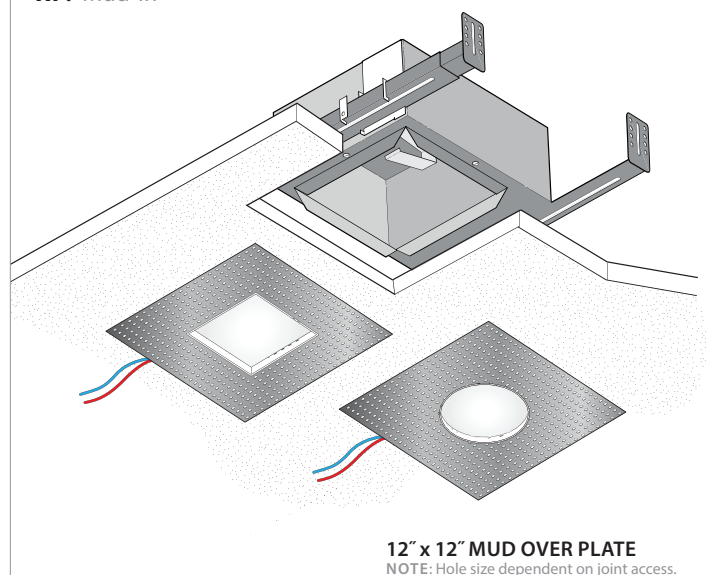
5⅝″ x 5⅝″
Square Hole

5¾″
Diameter
Hole

X7: Mud-in

CUT SIZE
Square & Round
6″ x 6″ Hole

X7: Mud-in

12″ x 12″ MUD OVER PLATE
NOTE: Hole size dependent on joint access.

LED

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4˝ Square 'Architectural Accent'

WIRING DIAGRAMS

X1: T-Bar, X3 Flanged Hard Ceiling
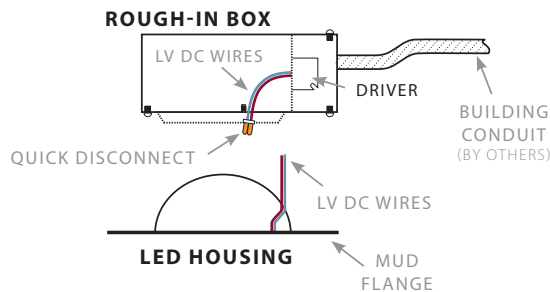Driver in Base Unit with Rough-in Box Included, optional for X3

ROUGH-IN BOX

QUICK CONNECT WIRING HARNESS

BUILDING CONDUIT (BY OTHERS)

DRIVER

LED HOUSING
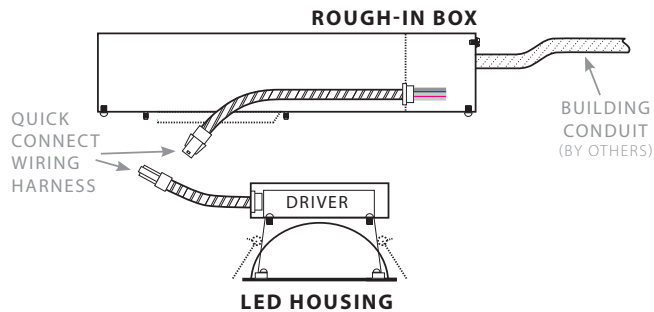
347V & EML EMERGENCY BATTERY FOR:
X1: T-Bar, X3 Flanged Hard Ceiling
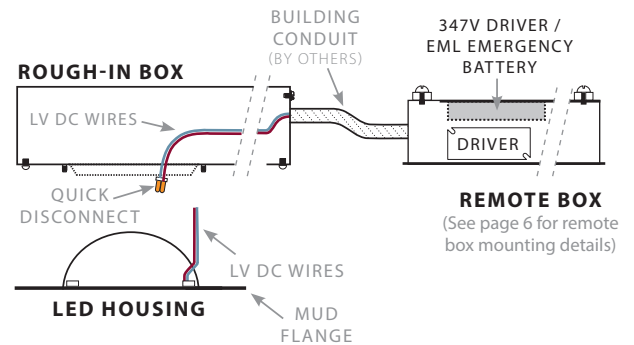Driver in Rough-in Box, Optional for X3

347V DRIVER / EML EMERGENCY BATTERY

ROUGH-IN BOX

DRIVER

QUICK DISCONNECT

METAL BARRIER

BUILDING CONDUIT (BY OTHERS)

LV DC WIRES

LED HOUSING
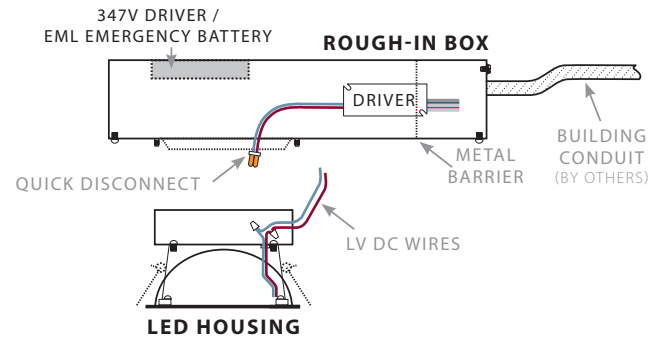
X7: Hard Ceiling Mud-In
Driver in Rough-in Box

ROUGH-IN BOX

LV DC WIRES

DRIVER

BUILDING CONDUIT (BY OTHERS)

QUICK DISCONNECT

LV DC WIRES

LED HOUSING

MUD FLANGE

347V & EML EMERGENCY BATTERY FOR:
X7: Hard Ceiling Mud-In

BUILDING CONDUIT (BY OTHERS)

347V DRIVER / EML EMERGENCY BATTERY

ROUGH-IN BOX

LV DC WIRES

DRIVER

QUICK DISCONNECT

LV DC WIRES

LED HOUSING

MUD FLANGE

REMOTE BOX
(See page 6 for remote box mounting details)

X3: Flanged Hard Ceiling — No Rough-in Box
X1Z, X2Z Techzone — Driver in Base Unit

DRIVER

BUILDING CONDUIT (BY OTHERS)

LED HOUSING
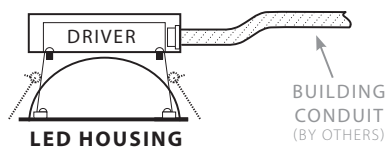
TechZone**6**

347V & EML EMERGENCY BATTERY FOR:
X3: Flanged Hard Ceiling
X1Z, X2Z Techzone

REMOTE BOX
(See page 6 for remote box mounting details)

BUILDING CONDUIT (BY OTHERS)

DRIVER

LED HOUSING

347V DRIVER / EML EMERGENCY BATTERY

TechZone**6**

347 WITH EML, CONSULT FACTORY

REMOTE BOX — MOUNTING DETAIL

X1Z/X2Z: T-BAR (Plenum Access Required)

Flexible Conduit (By Others)
Secure to Structure
Remote Driver Box
TechZone**6**
Ceiling
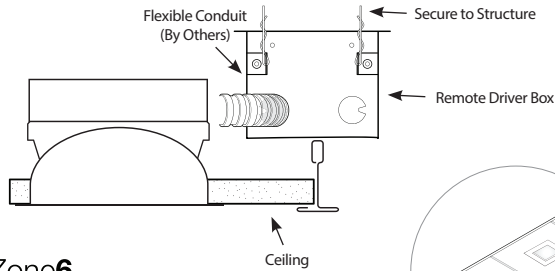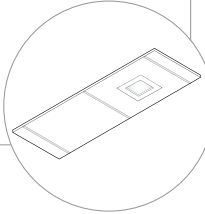
X7/X3: HARD CEILING — EML/347V (Mount Box Separately)

Flexible Conduit (By Others)
Remote Driver Box Secure to Stud
Ceiling
Remote Box Canopy (No Holes)
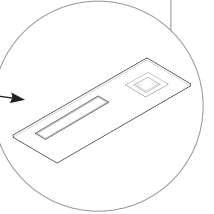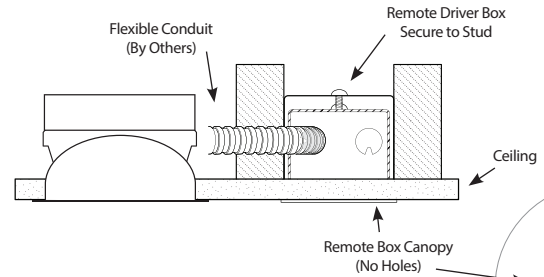
X7 ROUGH IN BOX — MOUNTING DIMENSIONS

7″ Minimum

9½″

11″

16″ Stud Centers

45°

16″ Stud Centers