



P9200 | Recessed



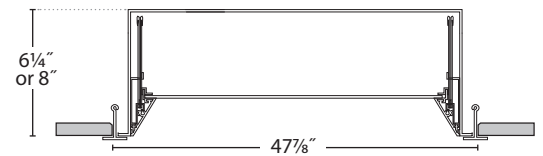
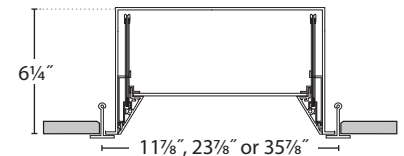
PRUDENTIAL LTG.

PRULITE.COM 213.746.0360



Type:

Job:



Our classic square 'skylight'.

A 2" deep recessed skylight troffer. Perfect partner to our P3600 square pendant.

P9224-LED35-HO-WA
 6042 Delivered Lumens
 80 Watts
 76 lm/w



	LO	MO	SO	HO
P9214:	1500	1750	2000	2250
w	23	27	33	38
P9222:	1700	2000	2266	2600
w	23	27	32	38
P9224:	3600	4300	4600	6042
w	45	54	60	80
P9233:	2880	3450	4000	4650
w	40	48	56	68
P9244:	6000	7100	8250	9500
w	76	89	106	125



CLICK HERE

Lumen output may vary +/- 5%
3500K used for lm/ft estimates above
4000K +2% llf, 3000K -2%, 2700K -4%
-10% llf for 90 CRI (4K, 3500K and 3K)

See LED Details PDF for more info

SERIES	LED COLOR	OUTPUT	SHIELDING	FRAME STYLE	CIRCUITING	VOLTAGE	CEILING SYSTEMS	DRIVERS	OPTIONS
P9204 6'x4'	LED27 2700K (90CRI)	LO Low	WA White Acrylic	JW Smooth White	SC Single Circuit	UNV (120-277)	X1 T-Bar Exposed	ND Non-Dimming	EML Emer- gency Battery, Low
P9214 1'x4'	LED3 3000K	MO Medium		JB Smooth Black		347 (Emergency battery requires a Step Down transformer)	X3B Hard Ceiling (Overhead mounting bracket)	DM10 0-10v, 10% Dimming (Standard)	(14~ 750 delivered lumens, 22, 24 ~ 900)
P9222 2'x2'	LED35 3500K	SO Standard		NOTE: Fixture body finished in powder paint on X3B & X4B			X4B Hard Ceiling (C Channel)	DM01 0-10v, 1% Dimming	
P9224 2'x4'	LED4 4000K	HO High		YGW finish is standard			X5B T-Bar (Concealed)	STEP Step Dimming, 100-50-Off, Osram	EMH Emer- gency Battery, High
P9233 3'x3'	LED3-90 90CRI	PROG Program- mable Light Output					X8B Armstrong Interlude XL Grid System Compatible	NOTE: Lumens and watts per foot may differ for STEP drivers, consult factory	(14~ 1050 deliv- ered lumens, 22, 24 ~ 1250)
P9244S 4'x4'x 6 1/4" Housing	LED35- 90 90CRI	(Specify desired lumens or watts per fixture)						LDE5 5-Series EcoSystem LED	CP Chicago Plenum
P9244D 4'x4'x8' Housing (Standard)	LED4-90 90CRI							LDE1 Hi-lume 1% EcoSystem LED (Soft fade on, fade-to-black dimming)	PRUBIN Meticulous Binning and Labeling every LED Board within a 2-Step MacAdams Ellipse
								LTE Hi-lume 1% 2-Wire LED Driver (120V forward phase 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)	



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PHOTOMETRICS

High Output:

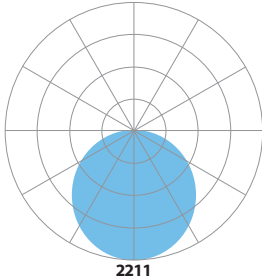
P9224-LED35-HO-WA

6042 Delivered Lumens

79.7 Watts

76 lm/w

Test #L091503401



Zonal Lumen Summary:

0-90 = 100%

Vertical Angle	0°	22.25°	45°	67.5°	90°
0°	2273	2273	2273	2273	2273
5°	2260	2260	2260	2260	2260
15°	212	212	212	212	212
25°	2005	2005	2005	2005	2005
35°	1773	1773	1773	1773	1773
45°	1484	1484	1484	1484	1484
55°	1150	1150	1150	1150	1150
65°	807	807	807	807	807
75°	440	440	440	440	440
85°	131	131	131	131	131
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 fixture.

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.

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.

CONSTRUCTION

Housing Die-formed 20-gauge steel, >20% PC recycled, 100% recyclable.

Lens Acrylic, 100% recyclable.

Finish YGW (Gloss White) is Standard

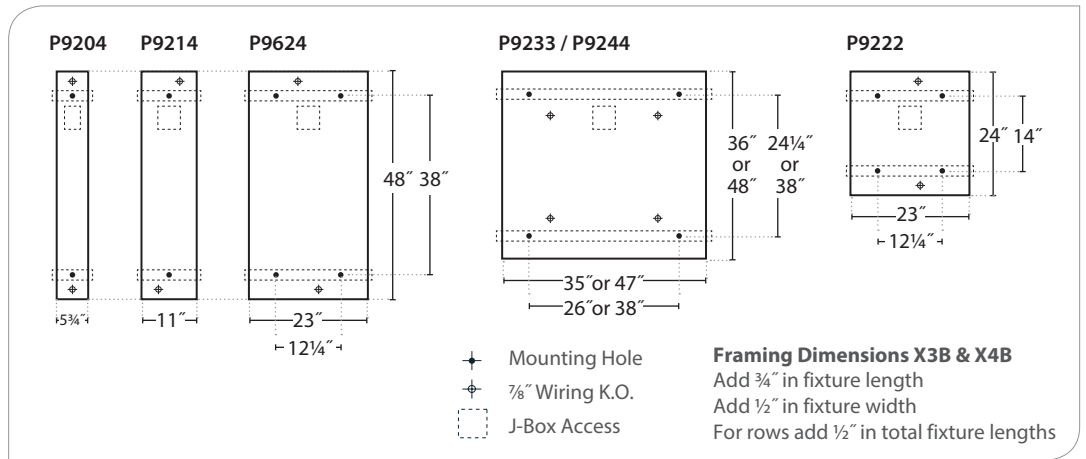
MOUNTING Recessed mounted into T-bar or hard ceiling applications.

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

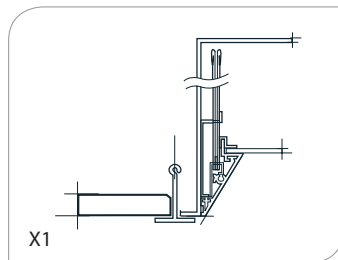




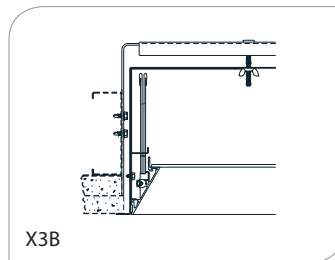
MOUNTING LOCATIONS



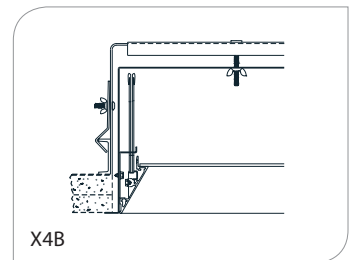
CEILING SYSTEMS



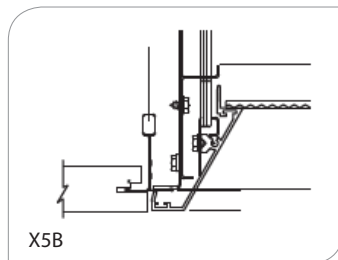
X1



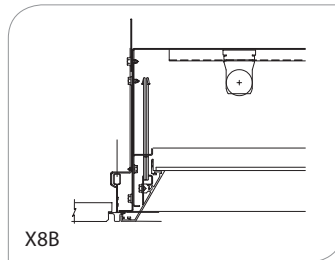
X3B



X4B



X5B



X8B

