



P8600 | Recessed

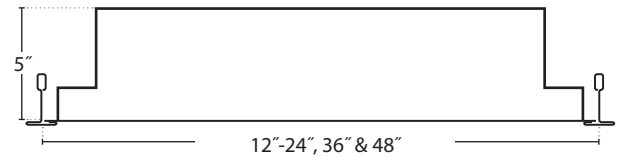
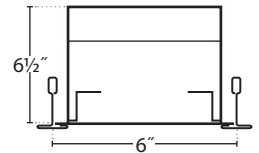


PRUDENTIAL LTG.

PRULITE.COM 213.746.0360

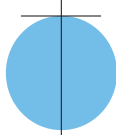
Type:

Job:



A premium-quality lensed troffer.

It features mitered door corners, spring-loaded latches and reversible hinges.



P8622-LED35-SO
2266 Delivered Lumens
31.64 Watts
71.62 lm/w

		LO	MO	SO	HO
P8614:	lm	1500	1750	2000	2250
	w	23	27	33	38
P8622:	lm	1700	2000	2266	2600
	w	23	27	32	38
P8624:	lm	3600	4300	4600	6042
	w	45	54	60	80
P8633:	lm	2880	3450	4000	4650
	w	40	48	56	68
P8644:	lm	6000	7100	8250	9500
	w	76	89	106	125



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 & CONTROLS
P8604 6' x 4'	LED27 2700K (90CRI)	LO Low	WA White Acrylic	SW Flush Frame — White (Aluminum)	SC Single Circuit	UNV (120-277)	X1 T-Bar Exposed (Standard)	ND Non-Dimming	AL Aluminum Housing
P8614 1' x 4'	LED3 3000K	MO Medium		SB Flush Frame — Black (Aluminum)		347 (Emergency battery requires a Step Down transformer)	X3A Hard Ceiling (Swing arm, except P8604)	DM10 0-10v, 10% Dimming (Standard)	EML Emergency Battery, Low (14~ 750, 22, 24 ~ 900 delivered lumens.)
P8622 2' x 2'	LED35 3500K	SO Standard		RW 1/2" Regressed Frame — White (Aluminum)			X3B Hard Ceiling (Overhead mounting bracket)	DM01 0-10v, 1% Dimming	EMH Emergency Battery, High (14~ 1050, 22, 24 ~ 1250 delivered lumens)
P8624 2' x 4'	LED4 4000K	HO High		RB 1/2" Regressed Frame — Black (Aluminum)			X4B Hard Ceiling (C' Channel)	STEP Step Dimming, 100-50-Off, Osram	CR Continuous- Row Installation
P8633 3' x 3'	LED3-90 90CRI	PROG Program- mable Light Output (Specify desired lumens or watts per fixture)		NOTE: Fixture body finished in powder paint on X3B & X4B				NOTE: Lumens and watts per foot may differ for STEP drivers, consult factory	CP Chicago Plenum
P8644 4' x 4'	LED35-90 90CRI LED4-90 90CRI			YGW finish is standard				LDE5 5-Series EcoSystem LED	PRUBIN Meticulous Binning and Labeling every LED Board within a 2-Step MacAdams Ellipse
								LDE1 Hi-lume 1% EcoSystem LED (Soft fade on, fade-to-black dimming)	
								LTE Hi-lume 1% 2-Wire LED Driver (120V forward phase only)	
								ECO 1% 0-10v, EldoLED	
								ECDA 1% DALI, EldoLED	
								SOLO 0.1% 0-10v, EldoLED (Dim to Dark)	
								SODA 0.1% DALI, EldoLED (Dim to Dark)	



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PHOTOMETRICS

Standard Output:

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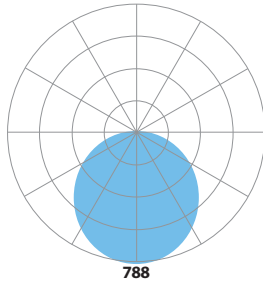
2266 Delivered Lumens

31.64 Watts

71.62 lm/w

3500 CCT

Test #102263256LAX-003



Zonal Lumen Summary:

0-90 = 100%

Vertical Angle	0°	22.5°	45°	67.5°	90°
0°	788	788	788	788	788
5°	785	784	785	784	785
10°	774	774	774	773	774
15°	757	756	755	756	756
20°	733	731	732	731	731
25°	703	701	701	701	701
30°	666	664	663	665	664
35°	626	621	621	622	622
40°	578	575	575	575	574
45°	529	523	525	524	523
50°	473	469	467	468	466
55°	414	408	408	409	410
60°	354	348	348	347	347
65°	291	286	284	284	285
70°	229	223	222	221	222
75°	166	162	161	160	158
80°	107	102	102	99	100
85°	52	48	47	46	46
90°	5	2	1	2	2

Luminance Chart:

Angle	0°	45°	90°
45°	1578	1565	1560
55°	1522	1501	1508
65°	1450	1419	1424
75°	1355	1308	1290
85°	1267	1144	1101

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

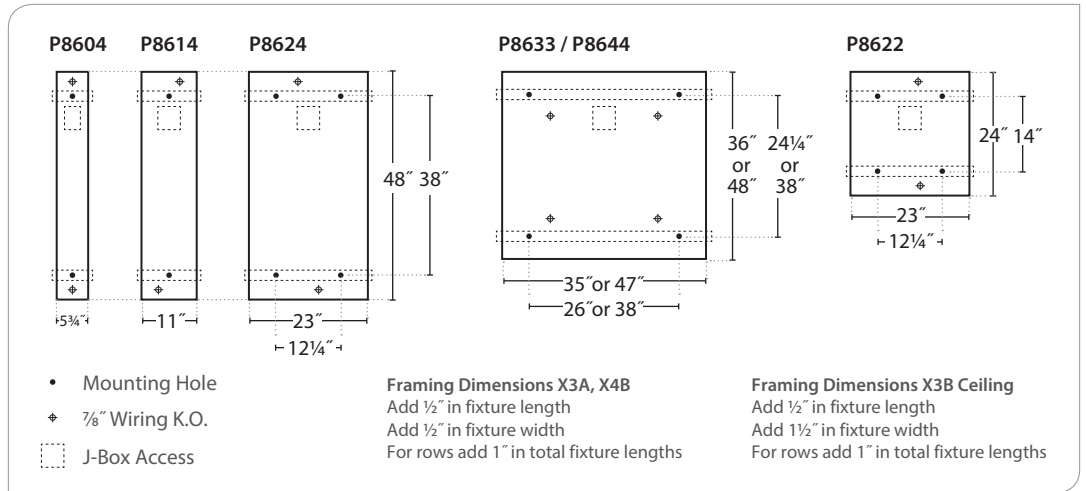
MOUNTING Recessed mounted into T-bar or hard ceiling applications

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

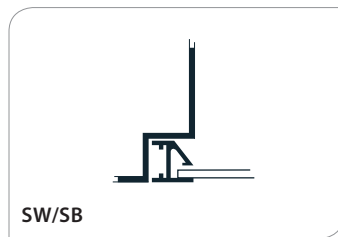




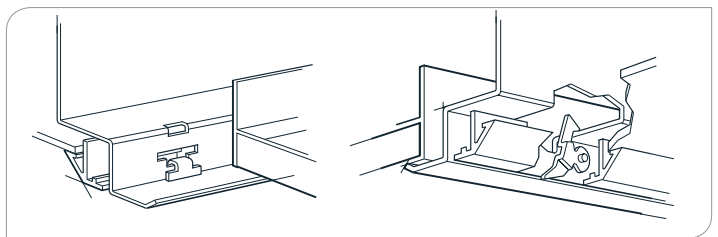
MOUNTING LOCATIONS



FRAME STYLES



DOORFRAME LATCHING



CEILING SYSTEMS

