



# P43 | Recessed Linear 4" Slot



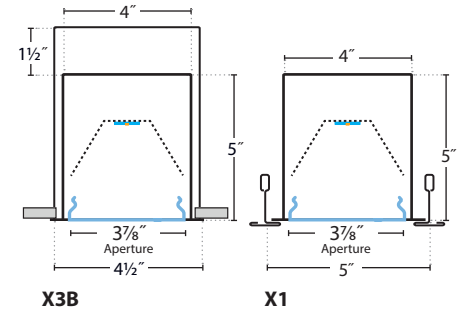
PRUDENTIAL LTG.

PRULITE.COM 213.746.0360



Type:

Job:



## Open office illumination, wall washing or grazing, P43 has it all.

Industry best combination of optics, efficacy and aesthetics. See our Bionic Series for the same great optics with an aluminum housing.

### P40 Series includes:

- P40 - Direct Linear (Wash & Graze Optics)
- P46 - Direct/Indirect Linear (Wash & Graze Optics)
- P42 - 1" Regress Recessed Linear

**Low Output:**  
P43-LED4-LO-SAL-D1  
1809 Delivered Lumens  
19 Watts  
99 lm/w  
Light Labs Test  
#L041412304R01

UP TO **99** LM/W

	LO	MO	SO	HO
<b>SAL-D1:</b>	Im/ft 450	675	900	1000
	w/ft 4.5	7	10	12
<b>AWL-D1W:</b>	Im/ft 450	675	900	1000
	w/ft 4.5	7	10	12

[CLICK HERE](#)



Lumen output may vary +/- 5%  
4000K used for lm/ft estimates above  
3500K -2% If, 3000K -4%, 2700K -6%  
-10% LLF for 90 CRI (4K, 3500K and 3K)

See LED Details PDF for more info

SE-RIES	LED COLOR	OUT-PUT	NOMINAL LENGTH	TRIM COLOR	SHIELDING	DISTRIBUTION	CIRCU-ITING	VOLT-AGE	CEILING SYSTEMS	DRIVERS	OPTIONS & CONTROLS
P43	LED27 2700K (90CRI) LED3 3000K LED35 3500K LED4 4000K LED3-90 90CRI LED35-90 90CRI LED4-90 90CRI	LO Low MO Me-dium SO Stan-dard HO High PROG Pro-gram-mable Light Out-put (Specify desired lumens or watts per fixture)	2' 3' 4' 6' R (Row Length) NOTE: Individual not intended for row mounting	TMW Textured Matte White (Standard) YGW Gloss White Y Pre-mium Color CC Custom Color	SAL* Satin Acrylic Lens OPL* Opal Frost Lens SPL-OL** Silver Parabolic Louver BLA-OL** Bladed Louver Anodized BLW-OL** Blade Louver White * D1 only † Louvers have a thin acrylic overlay masking LEDs AWL Acrylic Wall Wash Lens (D1W / D1R only) AWW Acrylic Wall Grazer Lens (D1G only)	D1 Direct (SAL, OPL, SPL-OL, BLA-OL or BLW-OL) D1W Wall Wash (AWL only) D1R Asymmet-ric to Room (AWL only) D1G Wall Grazer (AWW only)	SC Single Circuit	UNV (120-277) 347 (Emergency battery requires a Step Down transformer)	X1 T-Bar 15/16" & 9/16" Exposed X2 Dimensional T-bar Armstrong Interlude® X6 Slot Grid X3B Hard Ceiling Flange Trim (Overhead mounting brackets) X7 Hard Ceiling (Trimless mud-over concealed flange)	ND Non-Dimming DM10 0-10v, 10% Dimming (Standard) DM01 0-10v, 1% Dimming STEP Step Dimming, 100-50-Off, Osram NOTE: Lumens and watts per foot may differ for STEP drivers, consult factory LDE5 5%, Lutron (Ecosystem) LDE1 1%, Lutron (Soft Fade to Black, Ecosystem) L3DA 1%, Lutron, 3 Wire 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)	EML* Emergency Battery, Low (D1, D1W ~ 850 delivered lumens, D1G ~ 600) EMH* Emergency Battery, High (D1, D1W ~ 1175 delivered lumens, D1G ~ 900) SENSORS: 205 WattStop PIR Occupancy 205-STEP: Dim to 50% 205-DM: Dim to 10% / 1% LUX Phillips DLH 3E Enlighted 2-Wire DLH & Environmental CORNERS: C2 90° 2-Way Lit (Consult factory) C2X Special Angled (Consult factory) C8I Wall to Ceiling Inside C8O Wall to Ceiling Outside



Prudential Ltg. reserves the right to change design specifications or materials without notice. Please visit prulite.com for most current data.  
© 2014 All rights reserved - All products manufactured at: Prudential Ltg. 1774 E. 21st Street, Los Angeles, CA 90058

Recessed Linear

1

01-16-2018



# P43 | Recessed Linear

## 4" Slot



PRUDENTIAL LTG.

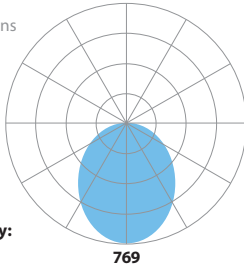
PRULITE.COM 213.746.0360

### SAL-D1 GLOW

#### Low Output:

#### P43-LED4-LO-SAL-D1

1809 Delivered Lumens  
19 Watts  
99 lm/w  
4000 CCT  
Light Labs Test #102953252LAX-004



**Zonal Lumen Summary:**  
0-90 = 100%

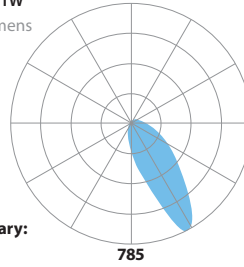
Vertical Angle	0	25	45	65	90
0	769	769	769	769	769
5	762	763	763	760	760
15	720	717	709	698	693
25	642	632	612	592	582
35	538	522	494	469	457
45	421	403	373	349	337
55	303	303	263	243	234
65	199	188	171	157	151
75	100	93	84	78	75
85	24	23	21	21	20
90	0	0	0	0	0

### WALL WASH (AND D1R)

#### Standard Output:

#### P43-LED3-SO-AWL-D1W

3681 Delivered Lumens  
39 Watts  
94 lm/w  
3000 CCT  
Light Labs Test #32273



**Zonal Lumen Summary:**  
0-90 = 100%

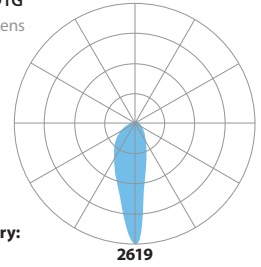
Vertical Angle	0	22.5	45	67.5	90
0	785	785	785	785	785
5	979	969	920	850	786
15	1638	1548	1307	1000	763
25	2136	2065	1742	1147	715
35	1909	1946	1894	1253	644
45	1358	1400	1541	1238	548
55	863	890	991	1000	425
65	463	491	552	597	276
75	186	199	236	258	134
85	39	40	45	50	26
90	0	0	0	0	0

### WALL GRAZER

#### High Output:

#### P43-LED4-HO-AWW-D1G

2899 Delivered Lumens  
47.4 Watts  
61 lm/w  
4000 CCT  
Light Labs Test #31700



**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

NOTE: D1R - Use D1W IES Files and flip in room application software.

### 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: 2½ 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 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. Max driver size 1½" w x 1¼" h.

### CONSTRUCTION

Housing	20-gauge USA steel, >20% PC recycled, 100% recyclable
Lens	Acrylic, 100% recyclable
Louvers	Aluminum, >25% PC recycled, 100% recyclable
X1, X2, X6 Trim	Steel
X3, X7 Trim	Extruded aluminum

### MOUNTING

Recessed into drywall or T-bar ceilings

### WARRANTY

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



Prudential Ltg. reserves the right to change design specifications or materials without notice. Please visit prulite.com for most current data.  
© 2014 All rights reserved - All products manufactured at: Prudential Ltg. 1774 E. 21st Street, Los Angeles, CA 90058



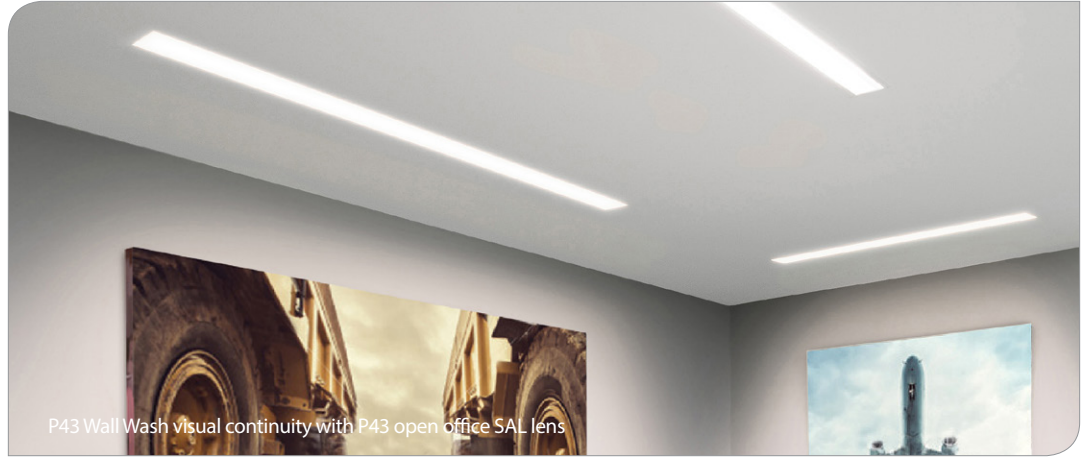
# P43 | Recessed Linear 4" Slot



PRUDENTIAL LTG.

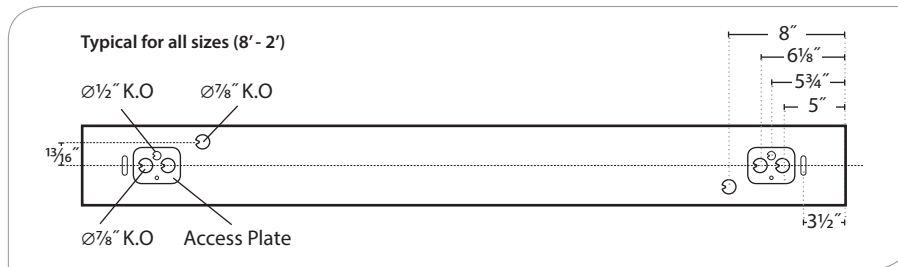
PRULITE.COM 213.746.0360

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

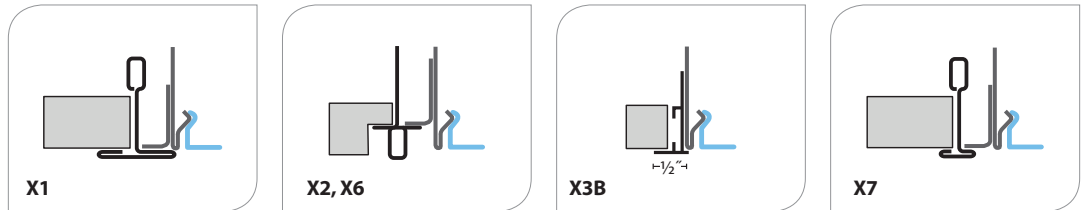


P43 Wall Wash visual continuity with P43 open office SAL lens

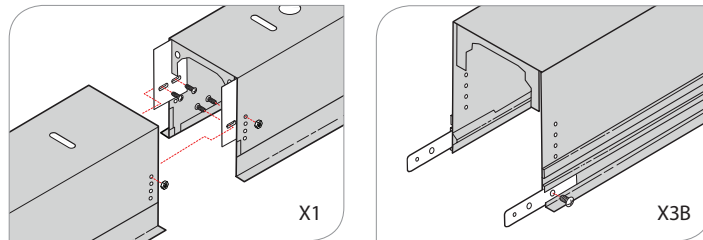
## MOUNTING LOCATIONS



## CEILING SYSTEMS

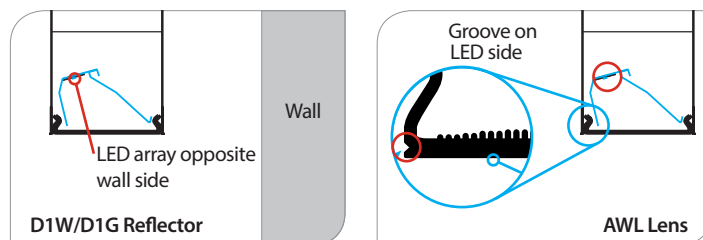


## ADJOINING DETAILS



**FRAMING DIMENSIONS X3B & X7**  
Add 1/2" in fixture width, Add 3/8" in fixture length or overall row length.

## WALL WASH/GRAZE REFLECTOR & LENS ORIENTATION



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

For paint chip samples, please e-mail: [info@prulite.com](mailto:info@prulite.com)



Prudential Ltg. reserves the right to change design specifications or materials without notice. Please visit [prulite.com](http://prulite.com) for most current data. © 2014 All rights reserved – All products manufactured at: Prudential Ltg. 1774 E. 21st Street, Los Angeles, CA 90058



# P43 | Recessed Linear 4" Slot



PRUDENTIAL LTG.

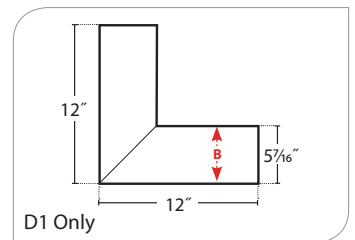
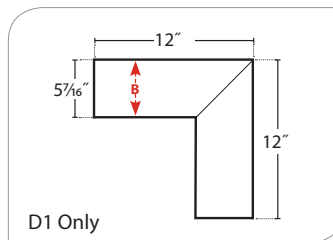
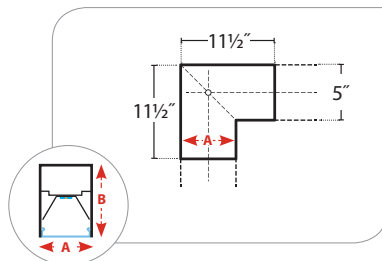
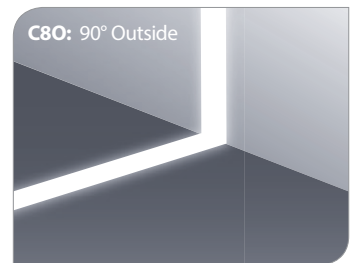
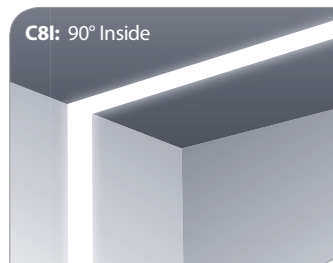
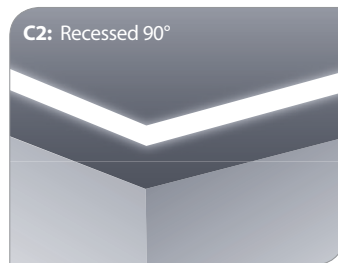
PRULITE.COM 213.746.0360

## CONTROL SENSORS



**NOTE:** Sensor plate will match fixture color finish  
Consult factory for other sensors, please email:  
[info@prulite.com](mailto:info@prulite.com)

## PATTERNS / CORNERS



## LOUVERS



Prudential Ltg. reserves the right to change design specifications or materials without notice. Please visit [prulite.com](http://prulite.com) for most current data.  
© 2014 All rights reserved - All products manufactured at: Prudential Ltg. 1774 E. 21st Street, Los Angeles, CA 90058



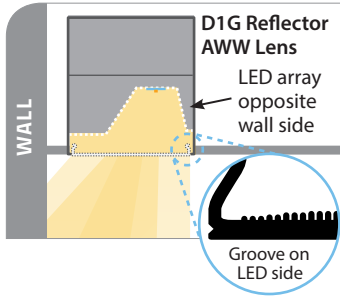
# P43 | Recessed Linear 4" Slot



PRUDENTIAL LTG.

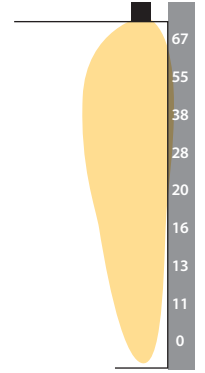
PRULITE.COM 213.746.0360

## WALL GRAZER ORIENTATION



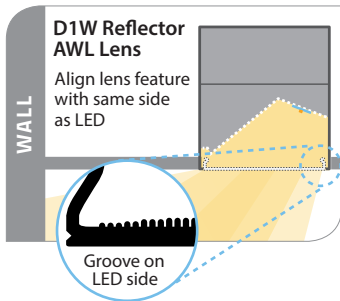
## Smooth Wall Grazing.

A tight, focused beam grazes wall textures evenly, accenting and highlighting details to elevate the visual drama.



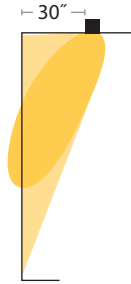
	Watts/Ft	Ceiling Height	Average Illuminance	Max	Min	Max/Min Ratio
Standard Output - 750 lm/ft	10	9'	40fc	76fc	16fc	4.75

## WALL WASH ORIENTATION



## Wall Washing.

Our PruOptics™ reflector/refractor design delivers a high performance wall wash. No mechanical kickers needed.



### Footcandles on Wall

9'	26	28	29	28	26
8'	55	60	62	60	55
7'	67	73	76	73	67
6'	62	68	72	68	62
5'	51	56	59	56	51
4'	39	43	44	43	39
3'	29	31	32	32	29
2'	22	23	24	23	22
1'	16	17	17	17	16

	Watts/Ft	Ceiling Height	Average Illuminance	Max/Min	Max/Min Ratio
Standard Output - 750 lm/ft	10	9'	40fc	76/16	4.75

