



P43 | Cove & Perimeter

4" Perimeter



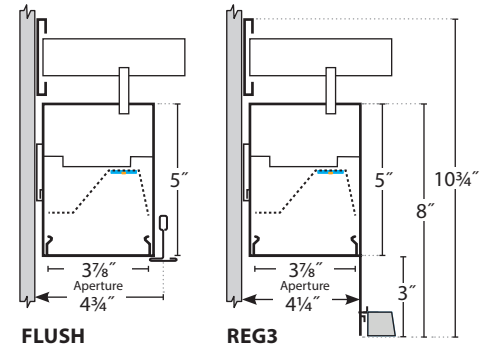
PRUDENTIAL LTG.

PRULITE.COM 213.746.0360



Type:

Job:



FLUSH

REG3

UP TO **81** LM/W



CLICK HERE

		LO	MO	SO	HO
SAL-D1	lm/ft	390	575	755	900
	w/ft	4.5	7	10	12
AWW-D1G	lm/ft	350	550	775	900
	w/ft	4.5	7	10	12
AWL-D1R	lm/ft	390	600	875	1000
	w/ft	4.5	7	10	12

High performance wall grazer.

Optics: Glow, Wall Graze or wash a corridor in light (D1R).

Series: P43 recessed linear and Wall Wash for visual continuity.

Bionic Perimeter System contains same great optics with extruded aluminum housing to accommodate more ceiling systems.

Low Output:
P43-PSTD-LED4-HO-AWW-D1G
 1408 Delivered Lumens
 17.3 Watts
 81 lm/w
 4000 CCT



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

See LED Details PDF for more info

SERIES	LENS POSITION	LED COLOR	OUTPUT	NOMINAL LENGTH	TRIM COLOR	SHIELDING	DISTRIBUTION	MOUNTING	CIRCUITING	CEILING SYSTEMS	VOLTAGE	DRIVERS	OPTIONS & CONTROLS
P43-PSTD													
Standard	FLSH Flush Lens REG3 3" Regress Lens	LED27 2700K (90CRI) LED3 3000K LED35 3500K LED4 4000K LED3-90 90CRI LED35-90 90CRI LED4-90 90CRI	LO Low MO Medium SO Standard HO High PROG Programmable Light Output (Specify desired lm/ft or w/ft)	2' 3' 4' 6' 7' 8' R (Row length) Any row length is achievable with field trimmable filler kit NOTE: Individual not intended for row mounting	TMW Textured Matte White (Standard) YGW Gloss White Y Premium Color CC Custom Color	SAL Satin Acrylic Lens (D1 only) AWW Acrylic Wall Grazer Lens (D1G only) AWL Perimeter Fill Lens (D1R only)	D1 Direct (SAL only) D1G Wall Grazer (AWW only) D1R Perimeter Fill (AWL only, NA - REG3)	WTW Wall to Wall (Any row length) LP Light Pocket (Typically 1' increments, fixture stops before wall)	SC Single Circuit	X1 T-Bar Exposed X1M 9/16" T-Bar X2 Interlude T-Bar X6 Slot Grid X3B Hard Ceiling (Overlapping flange) X7 Hard Ceiling (Trimless mud-over concealed flange)	UNV (120-277) 347 (Emergency battery requires a Step Down transformer)	ND Non-Dimming LDE1 1%, Lutron (Soft Fade to Black, Ecosystem) DM10 0-10v, 10% Dimming (Standard) L3DA 1%, Lutron, 3 Wire 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)	EML Emergency Battery, Low (D1/D1R ~ 850 delivered lumens, D1G ~ 600) EMH Emergency Battery, High (D1/D1R ~ 1175 delivered lumens, D1G ~ 900) SENSORS: 205 Watt-Stopper PIR Occupancy 205-STEP: Dim to 50% 205-DM: Dim to 1% LUX Phillips DLH 3E Enlighted 2-Wire DLH & Environmental CORNERS: C2I Lit 90° 2-Way Inside C2O Lit 90° 2-Way Outside C2X Special Angled Connector (Consult factory)



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4" Perimeter



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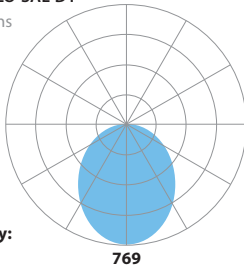
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SAL-D1 GLOW

Low Output:

P43-PSTD-FLSH-LED4-LO-SAL-D1

1566 Delivered Lumens
19 Watts
82 lm/w
4000 CCT
Light Labs Test
L021507503R01



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

UPTO **88** LM/W

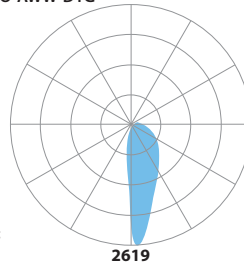
	LO	MO	SO	HO
lm/ft	390	575	755	900
w/ft	4.5	7	10	12

WALL GRAZER

Low Output:

P43-PSTD-FLSH-LED4-HO-AWW-D1G

1408 Delivered Lumens
17.3 Watts
81 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

UPTO **81** LM/W

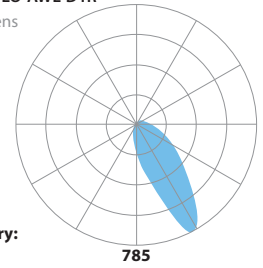
	LO	MO	SO	HO
lm/ft	350	550	775	900
w/ft	4.5	7	10	12

PERIMETER FILL

Low Output:

P43-PSTD-FLSH-LED4-LO-AWL-D1R

1560 Delivered Lumens
17.4 Watts
90 lm/w
4000 CCT
Light Labs Test
L021507501R01



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

UPTO **88** LM/W

	LO	MO	SO	HO
lm/ft	390	600	875	1000
w/ft	4.5	7	10	12

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 1¼" w x 1" h.

CONSTRUCTION

- Housing: 20-gauge USA steel, >20% PC recycled, 100% recyclable.
- Lens: Acrylic, 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.





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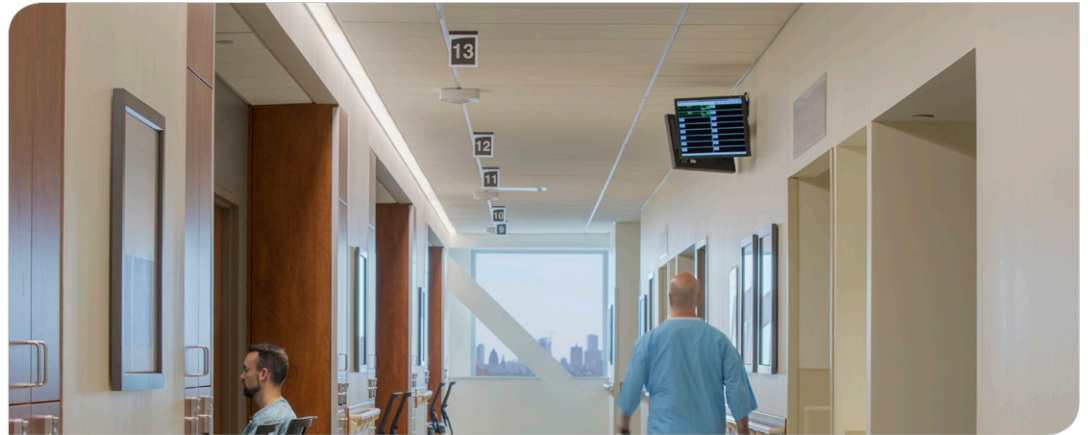
4" Perimeter



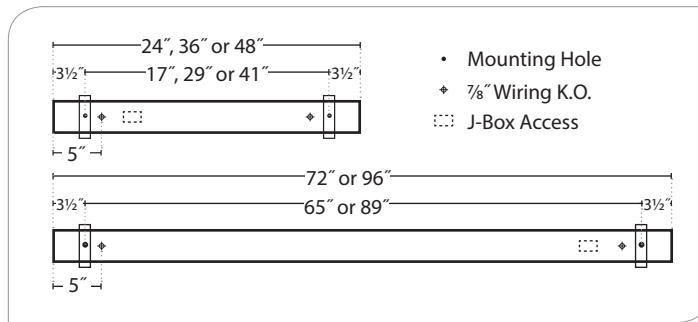
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NEW YSW – Seashell White (Matte)	NEW YCH – Champagne (Metallic)
YSL – Silver (Metallic)	YPE – Pewter (Matte)
YRG – Rain Grey (Gloss)	YSTM – Storm Grey (Matte)
NEW YBK – Black (Matte)	YBB – Black (Semi Gloss)
YSKM – Sky (Matte)	NEW YMB – Military Blue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



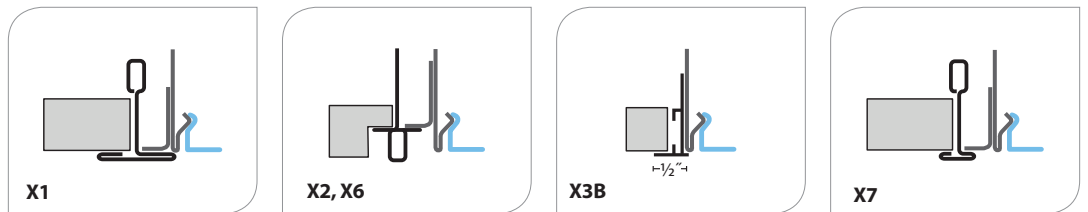
MOUNTING LOCATIONS



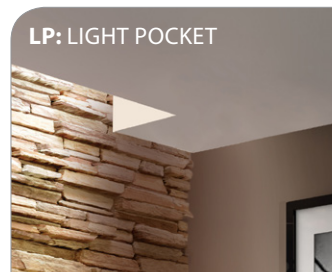
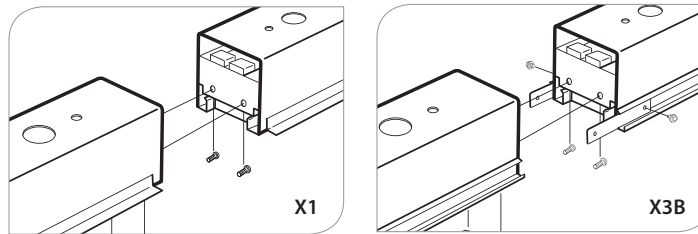
Choose from one of our Premium Colors with no set-up fee.

For paint chip samples, please e-mail: info@prulite.com

CEILING SYSTEMS



ADJOINING DETAILS



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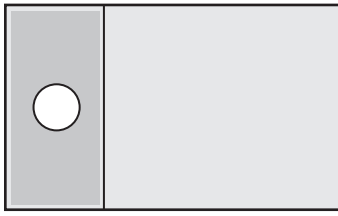
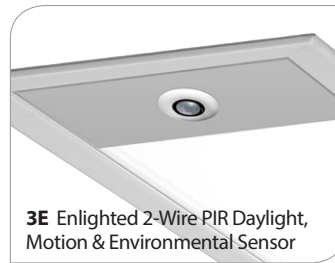
4" Perimeter



PRUDENTIAL L T G .

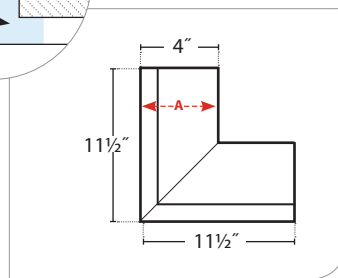
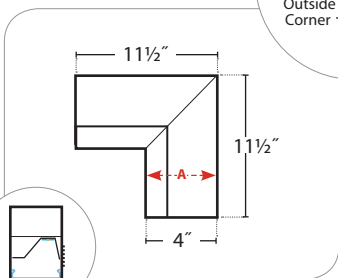
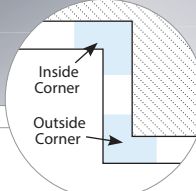
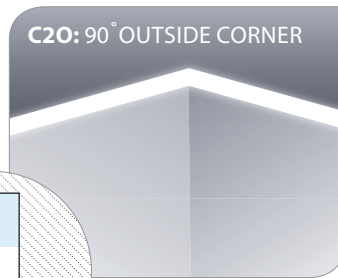
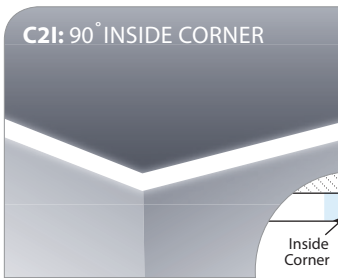
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CONTROL SENSORS

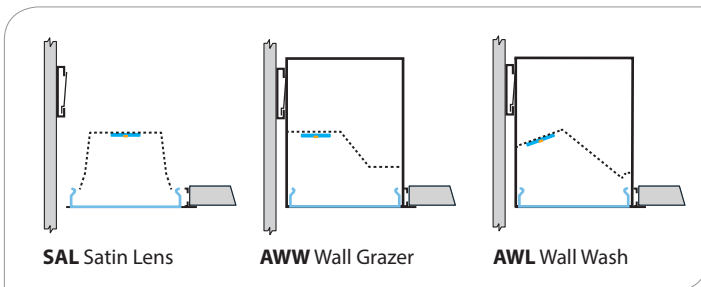


NOTE: Sensor plate will match fixture color finish
Consult factory for other sensors, please email:
info@prulite.com

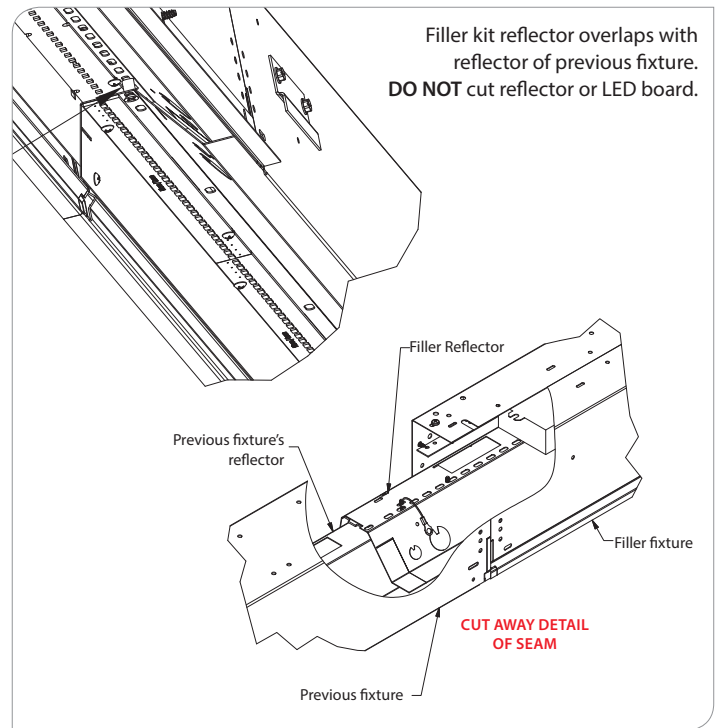
CORNERS



DISTRIBUTION CROSS SECTIONS



FIELD TRIMMABLE FILLER KIT





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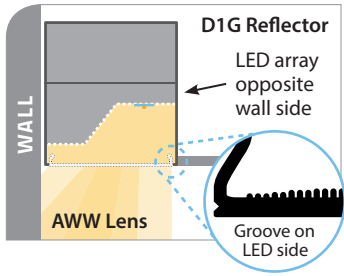
4" Perimeter



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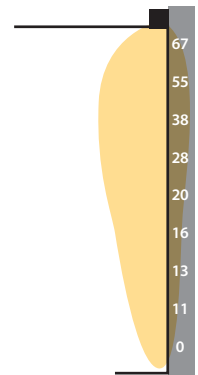
WALL GRAZER ORIENTATION



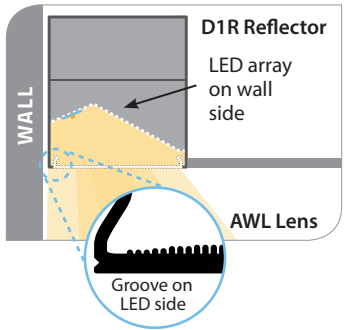
Smooth Wall Grazing.

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



PERIMETER FILL ORIENTATION



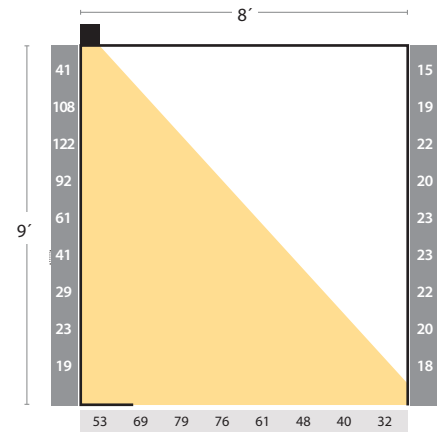
Perimeter Fill.

Fill a Corridor with Light — from the Perimeter.

It's a perimeter optic that washes corridors in light, offering outstanding light distribution, far more energy efficient than typical soft glow solutions and significantly reduces installation cost. Ideal for corridors where budget and energy efficiency conflict with strict IES requirements for high footcandles.

Suspended, surface mounted or recessed, perimeter lighting system.

	Watts/Sq. Ft.	Ceiling Height	Average Illuminance	Max/Min	Max/Min Ratio
Standard Output - 875 lm/ft	1.25	9'	57fc	79/32	2.5:1



Footcandles along the floor Reflectances 80:50:20

