



P23 | Cove & Perimeter

2" Perimeter

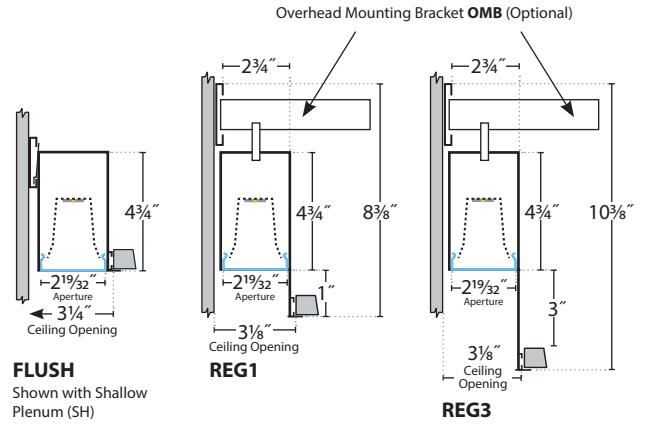


PRUDENTIAL LTG.

PRULITE.COM 213.746.0360

DISCONTINUED

Click for **BionicPro**



Open office illumination, wall washing or grazing.

Slimmer 2.5" aperture partner to our award-winning Bionic and P40 Series with the same industry-best combination of optics, efficacy and aesthetics. Batwing with 1.6 spacing criteria. Wall washing and grazing with no mechanical kicker or open cavity.

BIO2 AND P23 SERIES OPTICS:

- Direct/Indirect:** Satin Acrylic, Batwing, Wash, Graze, Perimeter Fill, Ceiling Wash & Indirect Symmetric Glow.
- Recessed Linear:** Satin Acrylic, Batwing, Wash and Graze.
- Perimeter:** Satin Acrylic, Wash, Graze and Perimeter Fill.

P23-PER-FLSH-LED35-LO-SAL-D1
1601 Delivered Lumens
16 Watts
100 Lm/W
3500 CCT

UP TO **103** LPW

FLUSH:	LO	MO	SO	HO
SAL-D1 Lm/Ft	400	600	800	900
MMG-D1G Lm/ft	400	600	800	900
MWW-D1R Lm/Ft	400	600	800	900
REGRESS 3:				
REG3-SAL Lm/Ft	350	500	700	800
REG3-D1G Lm/Ft	350	500	700	800
W/Ft	4.6	6.5	9.5	11

[CLICK HERE](#)

Declare. **Made in the USA**

HO - NA for Lutron
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

SE-RIES	LENSPO-SITION	LED COLOR	OUT-PUT	NOMINAL LENGTH	TRIM COLOR	SHIELDING	DISTRIBU-TION	MOUNT-ING	CIRCU-ITING	VOLT-AGE	CEILING SYSTEMS	DRIVERS	OPTIONS, SENSORS & CORNERS
P23-PER									SC				
Perimeter	<p>FLSH Flush Lens</p> <p>REG1 1" Regressed Lens</p> <p>REG3 3" Regressed Lens (NA with wall wash)</p> <p>NOTE: Specify shallow plenum under options to install without overhead mounting brackets</p>	<p>LED27 2700K (90CRI)</p> <p>LED3 3000K</p> <p>LED35 3500K</p> <p>LED4 4000K</p> <p>LED3-90 90CRI</p> <p>LED35-90 90CRI</p> <p>LED4-90 90CRI</p>	<p>LO Low</p> <p>MO Medium</p> <p>SO Standard</p> <p>HO High (NA with Lutron)</p> <p>PROG Programmable Light Output (Specify desired lm/ft or w/ft)</p>	<p>2'</p> <p>3'</p> <p>4'</p> <p>6'</p> <p>8'</p> <p>R (Row length)</p> <p>NOTE: Individual not intended for row mounting</p>	<p>TMW Textured Matte White (Standard)</p> <p>YGW Gloss White</p> <p>Y Premium Color</p> <p>CC Custom Color</p>	<p>SAL Satin Acrylic Lens (D1 only)</p> <p>MWG Acrylic Wall Grazer Lens (D1G only)</p> <p>MWW Acrylic Wall Wash Lens (D1R only)</p> <p>SAL-D1 MWG-D1G</p> <p>MWW-D1R</p>	<p>D1 Direct (SAL only)</p> <p>D1G Wall Grazer (MWW only)</p> <p>D1R Perimeter Fill (MWW only, NA with REG3)</p>	<p>WTW Wall to Wall (Any row length)</p> <p>LP Light Pocket (Typically 1" increments, fixture stops before wall)</p>	<p>SC Single Circuit</p>	<p>UNV (120-277)</p> <p>347 (Emergency battery requires a Step Down transformer)</p>	<p>X1 T-Bar 1 1/16" Exposed</p> <p>X1M T-Bar 3/16" Exposed</p> <p>X2 Dimensional T-Bar Armstrong Interlude®</p> <p>X6 Slot Grid</p> <p>X3B Hard Ceiling (Flange trim with overhead mounting brackets)</p> <p>X7 Hard Ceiling (Trimless Mud-over Concealed Flange)</p>	<p>ND Non-Dimming</p> <p>DM01 0-10v, 1% Dimming (Standard)</p> <p>LDE1 Lutron Hi-lume</p> <p>1% EcoSystem LED (Soft fade on, fade-to-black dimming, NA - HO)</p> <p>ECO 1% 0-10v, EldoLED (Logarithmic dimming std)</p> <p>ECDA 1% DALI, EldoLED (Logarithmic dimming std)</p> <p>SOLO 0.1% 0-10v, EldoLED (Dim-to-dark, Logarithmic dimming std)</p> <p>SODA 0.1% DALI, EldoLED (Dim-to-dark, Logarithmic dimming std)</p>	<p>EMHE CA T20 Emergency Battery (D1, D1R-950, D1G-675 delivered lumens; CA Title 20 compliant; 4' or longer (remote for < 4'))</p> <p>CP Chicago Plenum</p> <p>SH Shallow Plenum</p> <p>PRUBIN Meticulous Binning and Labeling every LED Board within a 2-Step MacAdams Ellipse</p> <p>SENSORS:</p> <p>205-ON/OFF WattStopper PIR Occupancy</p> <p>205-STEP: Dim to 50%</p> <p>205-DM: Dim to 1%</p> <p>LUX Phillips DLH</p> <p>ENL Enlighted 2-Wire DLH & Environmental</p> <p>CORNERS:</p> <p>C2I Lit 90° 2-Way Inside</p> <p>C2O Lit 90° 2-Way Outside</p> <p>C2X Special Angled Connector (Consult factory)</p>



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PRUDENTIAL LTG.

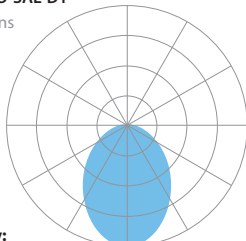
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DIRECT

LOW OUTPUT:

P23-PER-FLSH-LED35-LO-SAL-D1

1601 Delivered Lumens
16 Watts
100 Lm/W
3500 CCT



Zonal Lumen Summary:
0-90 = 100%

757

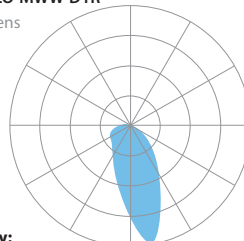
Vertical Angle	0°	22.5°	45°	67.5°	90°
0°	757	757	757	757	757
5°	755	748	750	751	747
15°	684	682	694	706	708
25°	564	568	595	625	634
35°	430	438	474	514	527
45°	308	319	353	397	410
55°	212	219	245	280	294
65°	133	138	155	177	187
75°	68	70	78	89	93
85°	18	19	20	22	22
90°	1	2	3	3	3

PERIMETER FILL

LOW OUTPUT:

P23-PER-FLSH-LED35-LO-MWW-D1R

1648 Delivered Lumens
16 Watts
103 Lm/W
3500 CCT



Zonal Lumen Summary:
0-90 = 100%

1194

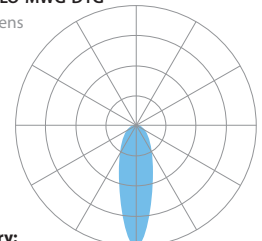
Vertical Angle	0°	22.5°	45°	67.5°	90°
0°	801	801	801	801	801
5°	1027	1009	946	873	803
15°	1149	1194	1183	1003	751
25°	807	843	995	1047	653
35°	579	598	716	993	519
45°	423	429	488	773	374
55°	298	302	322	522	241
65°	134	177	197	292	129
75°	46	61	101	123	49
85°	7	9	21	18	4
90°	0	0	0	0	0

WALL GRAZER

LOW OUTPUT:

P23-PER-FLSH-LED35-LO-MWG-D1G

1530 Delivered Lumens
16 Watts
96 Lm/W
4000 CCT



Zonal Lumen Summary:
0-90 = 100%

1405

Vertical Angle	0°	22.5°	45°	67.5°	90°
0°	1405	1405	1405	1405	1405
5°	1183	1204	1266	1359	1400
15°	634	665	784	1060	1360
25°	375	398	495	748	1268
35°	253	261	315	517	1081
45°	195	194	209	338	795
55°	143	142	140	206	485
65°	88	92	88	114	240
75°	41	45	44	50	90
85°	9	9	9	9	14
90°	2	1	1	1	1

UPTO **100** LM/W

	LO	MO	SO	HO
Lm/Ft	400	600	800	900
W/Ft	4	6	8.3	10

UPTO **103** LM/W

	LO	MO	SO	HO
Lm/Ft	400	600	800	900
W/Ft	4	6	8.3	10

UPTO **96** LM/W

	LO	MO	SO	HO
Lm/Ft	400	600	800	900
W/Ft	4	6	8.3	10

10% LLF for REG3 SAL

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

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. 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 1.625" w x 1.25" h.

CONSTRUCTION

Housing	20-gauge steel, >20% PC recycled, 100% recyclable.
Lens	Acrylic, 100% recyclable.
X1, X2, X6 Trim	Steel.
X3, X7 Trim	Extruded aluminum.
Weight	FLUSH 4 lbs/ft. 3" REGRESS 6 lbs/ft.

MOUNTING

Recessed into drywall or T-bar ceilings.

WARRANTY

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



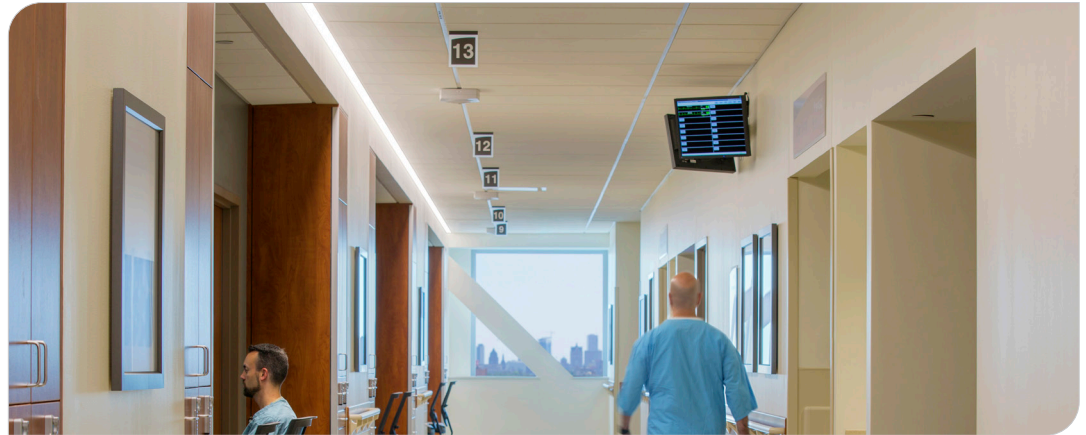
P23 | Cove & Perimeter 2" Perimeter



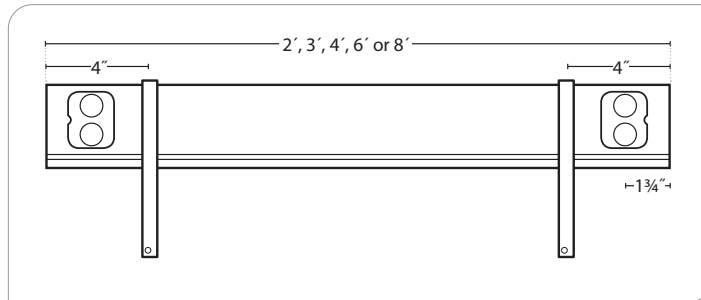
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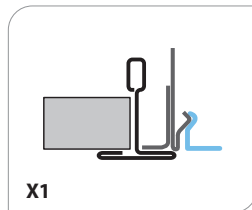
YSW – Seashell White (Matte)	YCH – Champagne (Metallic)
YSL – Silver (Metallic)	YPE – Pewter (Matte)
YRG – Rain Grey (Gloss)	YSTM – Storm Grey (Matte)
YBK – Black (Matte)	YBB – Black (Semi Gloss)
YSKM – Sky (Matte)	YMB – Military Blue (Matte)
YIB – Interstate Blue (Matte)	YSAM – Sapphire (Matte)
YFGM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



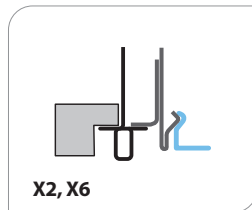
MOUNTING LOCATIONS



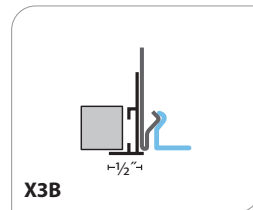
CEILING SYSTEMS



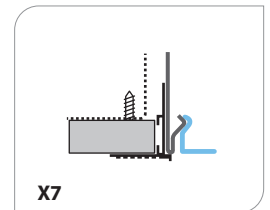
X1



X2, X6

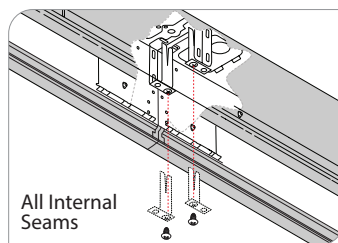


X3B
1 1/2"

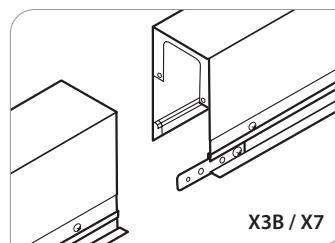


X7

ADJOINING DETAILS

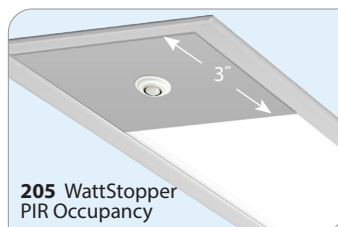


All Internal Seams

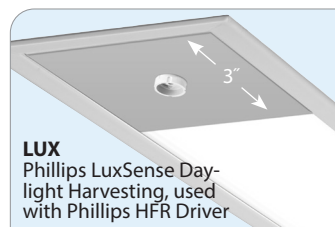


X3B / X7

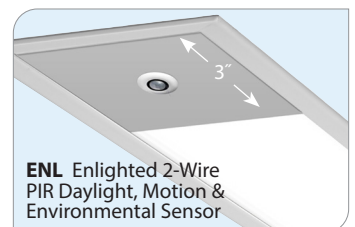
INTEGRATED SENSORS



205 WattStopper PIR Occupancy



LUX Phillips LuxSense Daylight Harvesting, used with Phillips HFR Driver



ENL Enlighted 2-Wire PIR Daylight, Motion & Environmental Sensor

NOTE: Sensor plate will match fixture trim color

Consult factory for other sensors, please email: info@prulite.com



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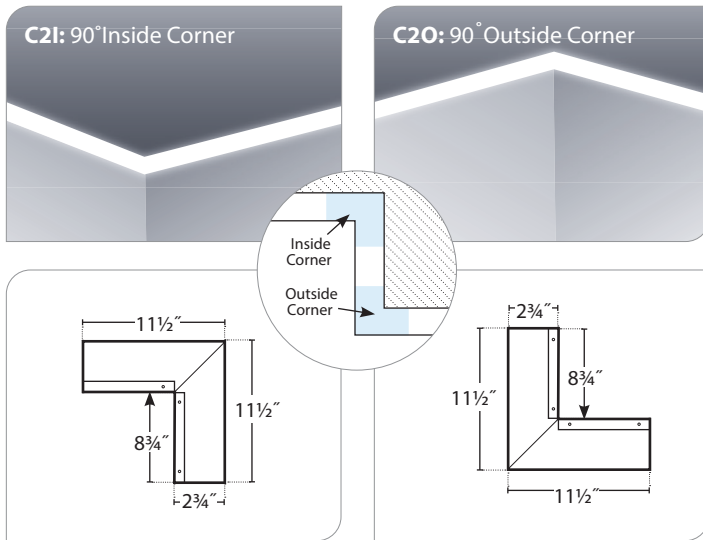
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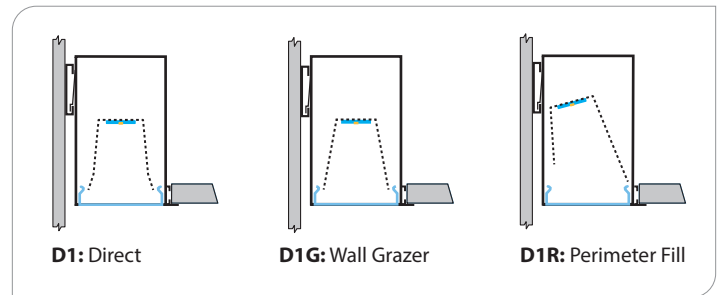
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CORNERS



DISTRIBUTION CROSS SECTIONS

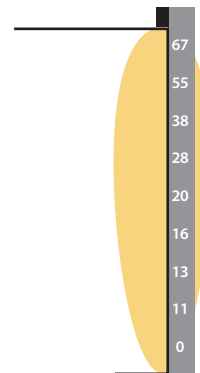


Smooth Wall Grazing.

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
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Perimeter Fill.

Fill a Corridor with Light — from the Perimeter.

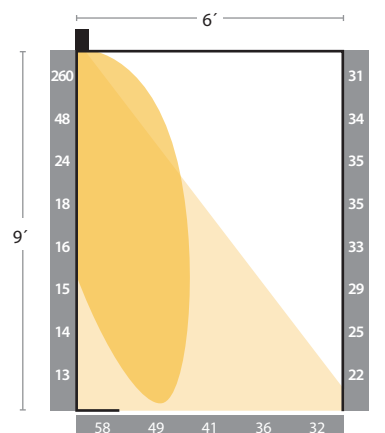
It's a perimeter optic that washes corridors in light, offering outstanding light distribution, far more energy efficient than typical soft glow solutions and significantly reduces installation cost. Ideal for corridors where budget and energy efficiency conflict with strict IES requirements for high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

Suspended, surface mounted or recessed, perimeter lighting system.

4" Aperture P43 & Bionic are ideal for 8' wide corridors.

Watts/Sq. Ft. Ceiling Height Average Illuminance Max/Min Ratio

High Output - 885 lm/ft	2	9'	43fc	1.9:1
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Footcandles along the floor Reflectances 80: 50: 20

PERIMETER FILL ORIENTATION

