



P23 | Asymmetric Wall Wash

2" Slot



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. Wall washing and grazing with no mechanical kicker or open cavity.

BIO2 AND P23 SERIES OPTICS:

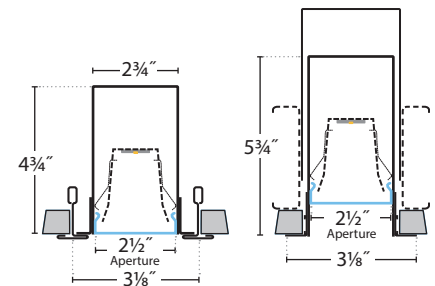
Direct/Indirect: Satin Acrylic, Batwing, Wash, Graze, Perimeter Fill, Ceiling Wash & Indirect Symmetric Glow

Recessed Linear: Satin Acrylic, Batwing, Wash and Graze

Perimeter: Satin Acrylic, Wash, Graze and Perimeter Fill

Type:

Job:



FLUSH

REG1

P23-FLSH-LED35-LO-MWW-D1W	
1698	Delivered Lumens
18.34	Watts
92.58	lm/w
4000	CCT

UP TO 93 LPW				
	LO	MO	SO	HO
lm/ft	420	600	800	885
w/ft	4.6	6.5	9.5	11

NOTE: HO (High output) - Not available for Lutron

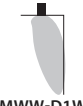
Declare.



Made in the USA

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	LENS POSITION	LED COLOR	OUT-PUT	NOM LENGTH	TRIM COLOR	SHIELD-ING	DISTRI-BUTION	CIRCU-ITING	VOLT-AGE	CEILING SYSTEM	DRIVERS	OPTIONS, SENSORS & CORNERS
P23						MWW	D1W	SC				
2" Slot Recessed Linear	FLSH Flush Lens REG1 1" Recessed Lens Not recommended for Batwing or Wall Wash optics NOTE: Specify shallow plenum under options to install without overhead mounting brackets	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 (NA with Lutron) PROG Programmable Light Output (Specify desired lm/ft or w/ft)	2' 3' 4' 6' R (Row length) NOTE: Individual not intended for row mounting	TMW Textured Matte White (Standard) YGW Gloss White Y Premium Color CC Custom Color	MWW Acrylic Wall Wash (D1W & D1R)  MWW-D1W	D1W Wall Wash (MWW only)	SC Single Circuit	UNV (120-277) 347 (Emergency battery requires a Step Down transformer)	X1 T-Bar 1 1/2" & 3/8" Exposed X2 Dimensional T-Bar Armstrong Interlude® X3B Hard Ceiling (Flange trim with overhead mounting brackets) X6 Slot Grid X7 Hard Ceiling Trimless Mud-over (Concealed Flange)	ND Non-Dimming DM01 0-10v, 1% Dimming (Standard) LDE1 Lutron Hi-lume 1% EcoSystem LED (Soft fade on, fade-to-black dimming, NA - HO) 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)	EMHE CA T20 Emergency Battery (D1W --850 delivered lumens, CA Title 20 compliant, 4' or longer [remote for <4']) CP Chicago Plenum SH Shallow Plenum PRUBIN Meticulous Binning and Labeling every LED Board within a 2-Step MacAdams Ellipse SENSORS: 205-ON/OFF WattStopper PIR Occupancy 205-STEP: Dim to 50% 205-DM: Dim to 1% LUX Phillips DLH ENL Enlighted 2-Wire DLH & Environmental CORNERS: C2 90° 2-Way Lit Corner C2X Special Angled Connector (Consult factory) C8I Wall to Ceiling Inside



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WALL WASH

Low Output:

P23-FLSH-LED35-LO-MWW-D1W

1698 Delivered Lumens

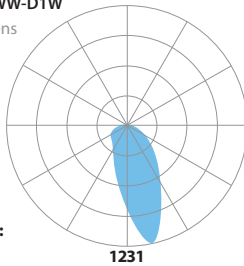
18.34 Watts

92.58 lm/w

4000 CCT

Test

#102725395LAX-001



Zonal Lumen Summary:

0-90 = 100%

Vertical Angle	0°	22.5°	45°	67.5°	90°
0°	826	826	826	826	826
5°	1059	1040	975	900	828
15°	1184	1231	1219	1034	774
25°	832	869	1026	1080	674
35°	597	617	738	1024	536
45°	436	443	503	797	386
55°	307	312	332	538	248
65°	138	183	203	301	133
75°	48	63	104	127	50
85°	7	9	22	18	4
90°	0	0	0	0	0

Luminance Chart:

Angle	0°	45°	90°
45°	7951	9175	7038
55°	6916	7464	5583
65°	4226	6189	4064
75°	2380	5166	2499
85°	1045	3216	656

UPTO 93 LM/W				
	LO	MO	SO	HO
lm/ft	420	600	800	885
w/ft	4.5	7	10	12

For Wall Grazer — See P23 Perimeter Specs

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

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 3 lbs/ft.

MOUNTING

Recessed into drywall or T-bar ceilings.

WARRANTY

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



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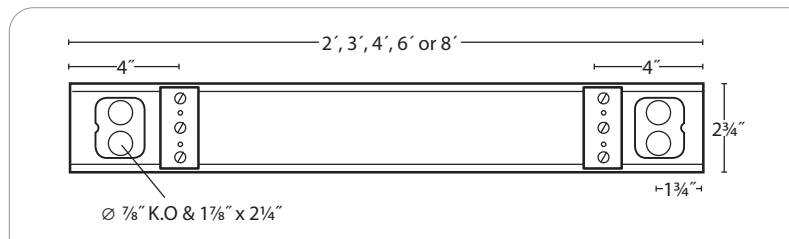
YSW – Seashell White (Matte)	YCH – Champagne (Metallic)
YSL – Silver (Metallic)	YPE – Pewter (Matte)
YRG – Rain Grey (Gloss)	YSTM – Storm Grey (Matte)
YBK – Black (Matte)	YBB – Black (Semi Gloss)
YSKM – Sky (Matte)	YMB – Military Blue (Matte)
YIB – Interstate Blue (Matte)	YSAM – Sapphire (Matte)
YFGM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

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

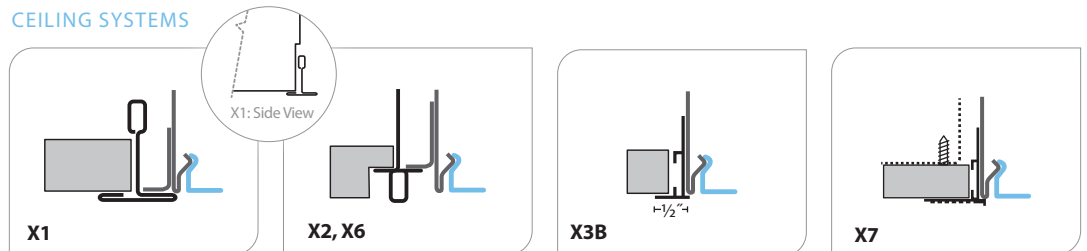
For paint chip samples, please email: info@prulite.com



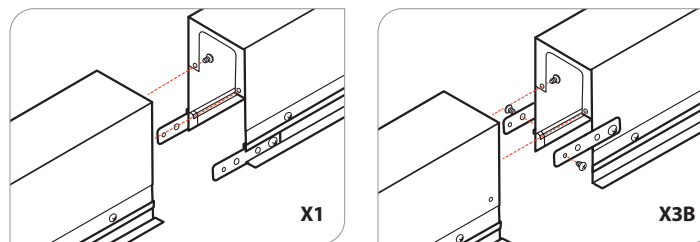
MOUNTING LOCATIONS



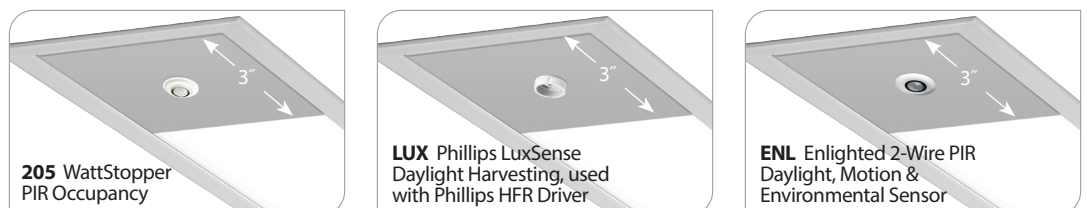
CEILING SYSTEMS



ADJOINING DETAILS



INTEGRATED SENSORS



NOTE: Sensor plate will match fixture trim color

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



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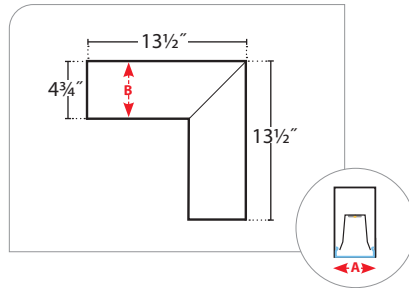
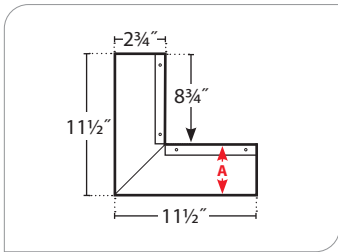
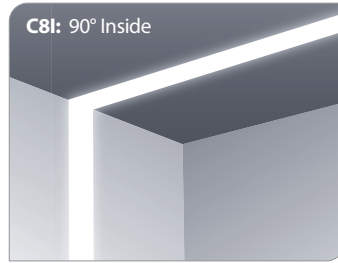
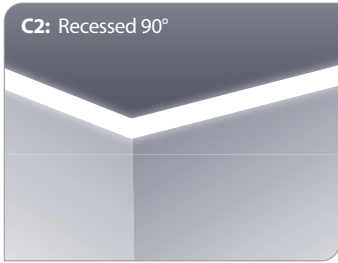
2" Slot



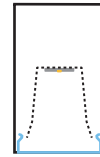
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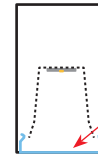
PATTERNS / CORNERS



CROSS SECTIONS



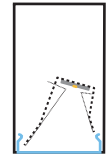
SAL Satin Lens



MBW Batwing

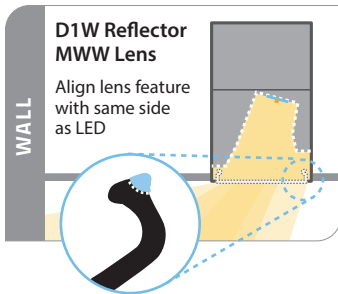


MWG Wall Grazer



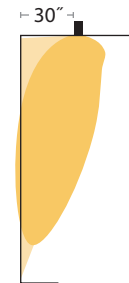
MWW Wall Wash

WALL WASH ORIENTATION



Wall Washing.

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



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

Footcandles on Wall

	9'	28	29	28	26
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