



P43 | Asymmetric Wall Wash

4" Recessed



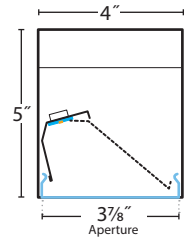
PRUDENTIAL LTG.

PRULITE.COM 213.746.0360



Type:

Job:



Superior optics for smooth gradient wall washes.

Outstanding performance at 80+ lm/w, no open cavity or unsightly mechanical kicker, P43 wall wash has a visual continuity with other P40 Series luminaires. See also Bionic Wall Wash (aluminum housing).

P40 Series includes:

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

P43-LED3-SO-AWL-D1W

3064	Delivered Lumens
39	Watts
82	lm/w
3000	CCT

UP TO **82** LM/W

	LO	MO	SO	HO
lm/ft	375	560	750	800
w/ft	5	7	10	12

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

See LED Details PDF for more info

SERIES	LED COLOR	OUTPUT	NOMINAL LENGTH	TRIM COLOR	SHIELDING	DISTRIBUTION	CIRCUITING	VOLTAGE	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 Medium SO Standard HO High PROG Programmable Light Output (Specify desired lm/ft or w/ft)	2' 3' 4' 6' 8' R (Row length) NOTE: Individual fixtures are not intended for row mounting	TMW Textured Matte White (Standard) YGW Gloss White Y Premium Color CC Custom Color	AWL Acrylic Wall Wash Lens (D1W only)	D1W Wall Wash (AWL 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® X3B Hard Ceiling Flange Trim (Overhead mounting brackets) X6 Slot Grid 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) CP Chicago Plenum PRUBIN Meticulous Binning and Labeling every LED Board within a 2-Step MacAdams Ellipse SENSORS: 205 WattStopper 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 C2X Special Angled Connector (Consult factory)



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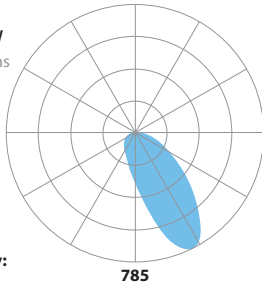


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PHOTOMETRICS

Standard Output:
P43-LED3-SO-AWL-D1W
 3064 Delivered Lumens
 39 Watts
 82 lm/w
 3000 CCT
 LIGHTING SCIENCES
 #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

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.

MOUNTING

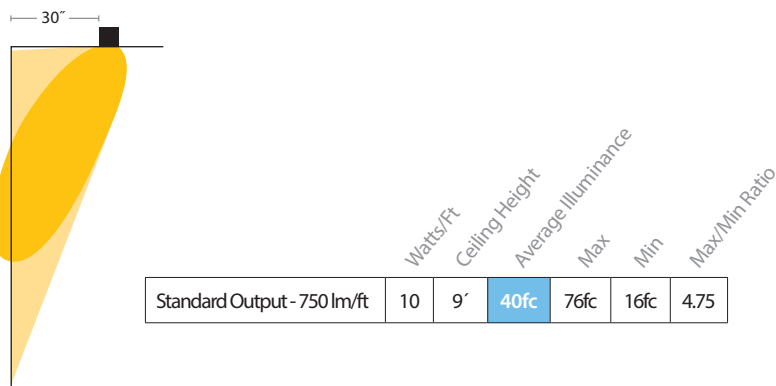
Recessed into drywall or T-bar ceiling

WARRANTY

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

Smooth Wall Washing

A 25° beam washes the wall evenly with a peak near eye level. We encourage comparisons with other fixtures and recommend 30"- 36" distance from wall surface for best results.



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



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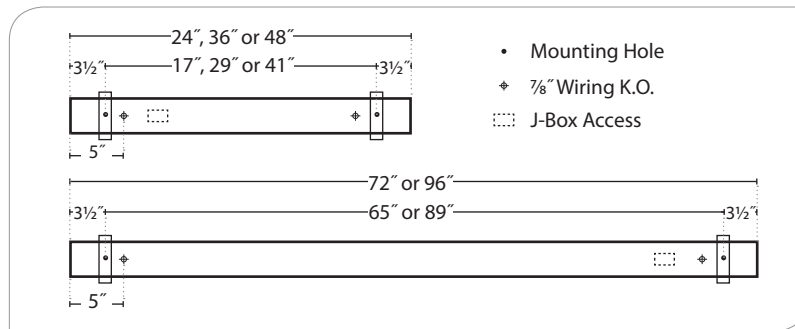
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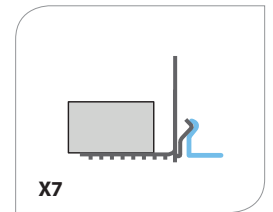
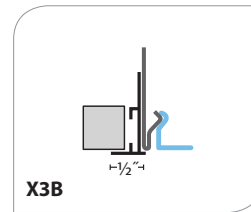
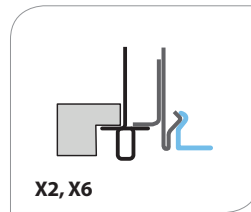
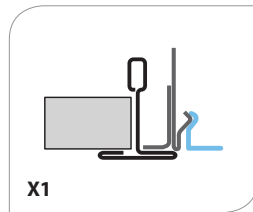


P43 Wall Wash visual continuity with P43 open office SAL lens

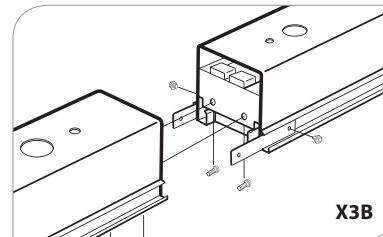
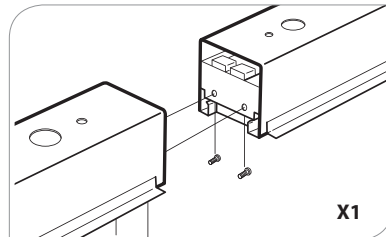
MOUNTING LOCATIONS



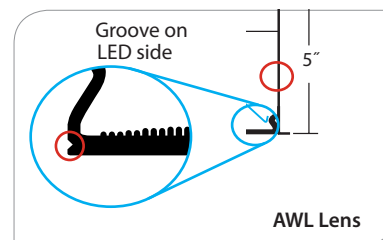
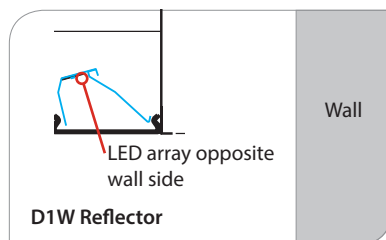
CEILING SYSTEMS



ADJOINING DETAILS



WALL WASH/GRAZE REFLECTOR & LENS ORIENTATION



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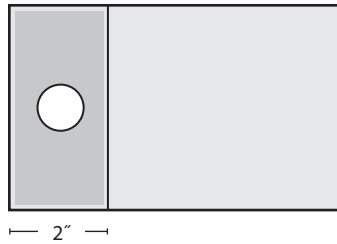
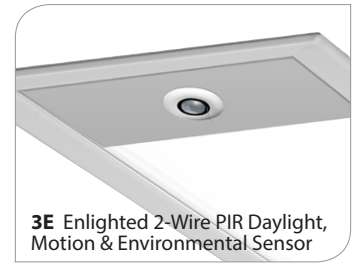


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NEW YSW – Seashell White (Matte)	NEW YCH – Champagne (Metallic)
YSL – Silver (Metallic)	YPE – Pewter (Matte)
YRG – Rain Grey (Gloss)	YSTM – Storm Grey (Matte)
NEW YBK – Black (Matte)	YBB – Black (Semi Gloss)
YSKM – Sky (Matte)	NEW YMB – Military Blue (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)

CONTROL SENSORS



NOTE: Sensor plate will match fixture color finish

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

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

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



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