



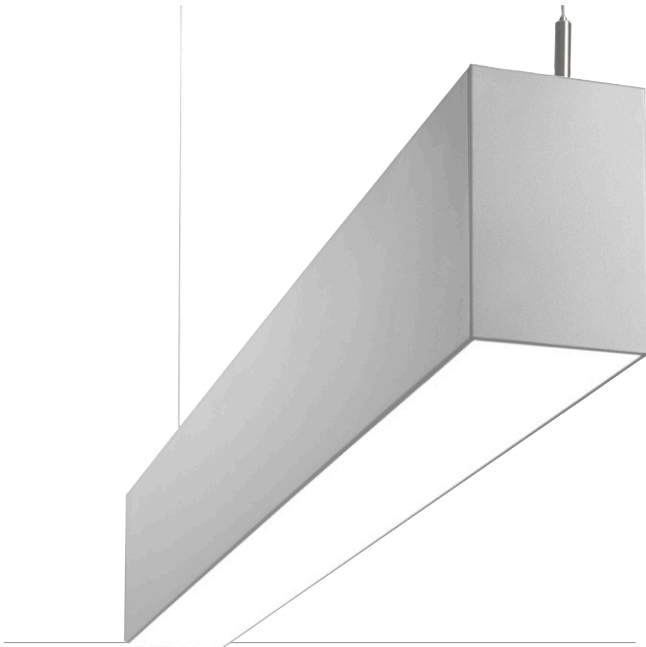
P46 | Linear, Wall

4" Linear



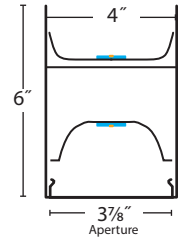
PRUDENTIAL LTG.

PRULITE.COM 213.746.0360



Type:

Job:



Direct/Indirect with fantastic optical performance.

Industry best combination of optics, efficacy and aesthetics and a budget-friendly steel housing. See our Bionic Series for the same great optics with an extruded aluminum housing.

P40 Series includes:

- P40 - Direct (Wash, Graze, Perimeter Fill and Ceiling Wash Optics)
- P46 - Direct/Indirect (Wash, Graze, Perimeter Fill, Ceiling Wash)
- P43 - Recessed Linear (Wall Wash, Graze and Perimeter Fill)
- P42 - 1" Regress Recessed Linear

P46-LED4-LO-LO-SAL-D1-SYM-SC

3903 Delivered Lumens

38.3 Watts

102 lm/w

4000 CCT



UP TO **102** LM/W

		LO	MO	SO	HO
CW with SAL-D1	lm/ft	810	1250	1740	1985
	w/ft	9	14	20	24
SYM with SAL-D1	lm/ft	900	1300	1850	2100
	w/ft	9	14	20	24

[CLICK HERE](#)

Lumen output may vary +/- 5%
4000K used for lm/ft estimates above
3500K -2% If, 3000K -4%, 2700K -6%
See LED Details PDF for more info

SE-RIES	LED COLOR	OUT-PUT	NOM. LGTH	FINISH COLOR	SHIELDING	DISTRIBUTION	CIRCU-ITING	VOLT-AGE	MOUNT-ING	CEILING SYSTEM	DRIVERS	OPTIONS & CONTROLS
P46		-										
	LED27 2700K (90CRI) LED3 3000K LED35 3500K LED4 4000K	LO Low MO Me-dium SO Stan-dard HO High NOTE: Specify separate output Down-Up if desired eg. HO-LO PROG Pro-gram-mable Light Output (Specify desired lm/ft or w/ft) NOTE: Individual fixtures are NOT intended for row mounting	2' 3' 4' 6' 8' R	TMW Text-ured Matte White (Standard) YGW Gloss White Y Pre-mium Color CC Custom Color NOTE: All canopies are painted the same color as the fixture unless specified otherwise	SAL* Satin Acrylic Lens OPL* Opal Frost Acrylic Lens SPL-OL*† Silver Parabolic Louver BLA-OL*† Bladed Louver Anodized AWL Acrylic Wall Wash Lens (D1W or D1R only) AWW Acrylic Wall Grazer Lens (D1G only)	Choose DOWN -and- UP D1 Direct (SAL, SPL-OPL or BLA-OPL) CW Ceiling Wash (NA with corners) SYM Symmet-ric Glow ASY-R/W Asym-metric-Glow ASY-R Room Side (optic direction) ASY-W Wall Side D1W Wall Wash (AWL only) D1R Perimeter Fill (Wall mount with AWL only) D1G Wall Grazer (AWW only, WB recommended for Wall Mount*) CW SYM ASY-R SAL-D1 AWL-D1W AWL-D1R AWW-D1G	SC Single Circuit DC Dual Circuit (Two feeds required)	UNV (120-277) 347 (Emergency battery requires a Step Down transformer)	CA48", 96" or 144" Aircraft Cable (Adjust-able) WB Wall Bracket (2" stand-off) WS Wall Spacer (1/2" stand-off) WM Direct to Wall (ADA compli-ant)	X1 T-Bar 15/16 (Standard) X3 Hard Ceiling X6 Slot Grid	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 LDES 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) ADC Acrylic Dust Cover IBC Insulated Braided Cord 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 Corner C2X Special Angled Connector (Consult factory)



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Linear

1

08-01-2017



P46 | Linear, Wall

4" Linear



PRUDENTIAL LTG.

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SATIN ACRYLIC GLOW

Low Output:

P46-LED4-LO-LO-SAL-D1-SYM-SC

3903 Delivered Lumens

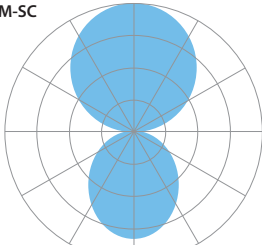
38.3 Watts

102 lm/w

4000 CCT

LIGHT LABS TEST

#L041412309



742

Zonal Lumen Summary:

0-90 = 45%

90-180 = 55%

Vertical Angle	0	25	45	65	90
0	742	742	742	742	742
5	734	735	736	735	735
15	694	696	693	688	686
25	620	621	613	604	598
35	527	522	510	497	491
45	417	415	400	385	377
55	309	304	290	277	270
65	206	202	192	184	179
75	106	104	100	96	94
85	31	30	30	29	29
90	0	0	0	0	0
95	24	23	24	25	24
105	149	132	33	35	35
115	296	288	257	260	231
125	425	428	366	366	320
135	540	544	549	511	473
145	635	636	642	645	601
155	708	714	709	711	718
165	760	760	762	759	741
175	785	788	789	788	788
180	792	792	792	792	792

SATIN ACRYLIC GLOW/CEILING WASH

Low Output:

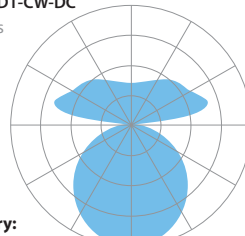
P46-LED4-LO-LO-SAL-D1-CW-DC

3240 Delivered Lumens

34.6 Watts

94 lm/w

4000 CCT



663

Zonal Lumen Summary:

0-90 = 48%

90-180 = 52%

Vertical Angle	0	25	45	65	90
0	663	663	663	663	663
5	657	658	659	658	656
15	622	622	622	619	618
25	559	558	554	550	547
35	476	474	468	461	458
45	382	379	372	366	362
55	285	282	277	271	268
65	195	192	189	185	184
75	102	102	103	102	102
85	26	29	32	34	34
90	0	0	0	0	0
95	81	163	120	27	14
105	584	431	147	82	53
115	550	419	218	146	101
125	524	428	278	203	153
135	495	423	318	249	203
145	431	389	334	277	244
155	380	363	333	299	282
165	350	343	330	318	311
175	333	331	331	329	327
180	330	330	330	330	330

WALL WASH

Low Output:

P46-LED4-LO-AWL-D1W

1750 Delivered Lumens

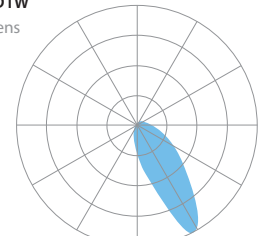
17.6 Watts

100 lm/w

4000 CCT

LIGHT LABS TEST

#L021507501R01



682

Zonal Lumen Summary:

0-90 = 100%

Vertical Angle	0	25	45	65	90
0	682	682	682	682	682
5	941	920	874	798	652
15	1247	1183	1086	947	624
25	1060	1146	1271	1044	535
35	776	801	933	1127	427
45	544	563	623	943	329
55	344	347	377	555	248
65	206	208	214	281	157
75	96	97	95	110	79
85	18	19	45	20	16
90	0	0	0	0	0

UPTO 100 LM/W

	LO	MO	SO	HO
lm/ft	437	675	940	1072
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: 2.5 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 2 3/8" w x 1 1/4" h.

CONSTRUCTION

Housing

20-gauge USA steel, >20% PC recycled, 100% recyclable

Lens

Acrylic, 100% recyclable

Louvers

Aluminum, >25% PC recycled, 100% recyclable

MOUNTING

Surface mounted to walls or ceilings or suspended by cable

WARRANTY

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



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Linear

2

08-01-2017



P46 | Linear, Wall

4" Linear

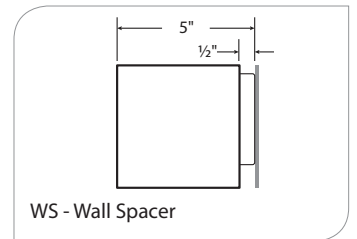
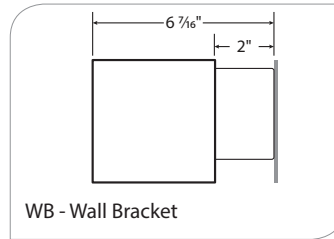
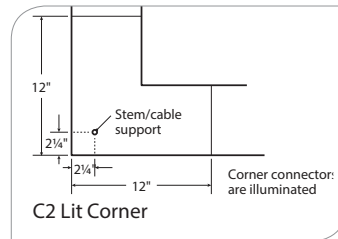


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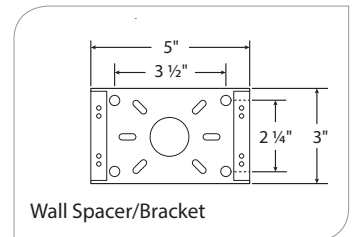
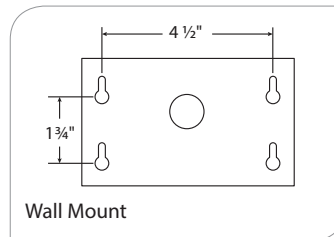
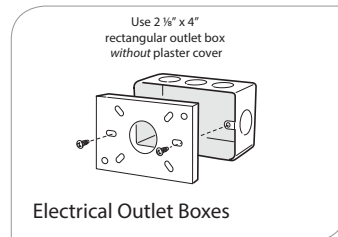
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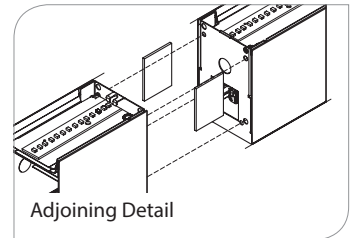
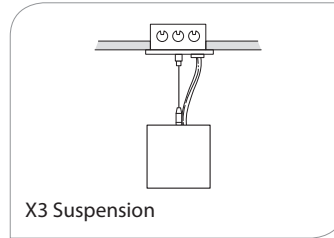
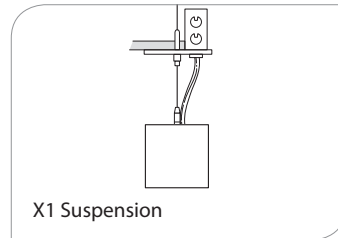
CORNER & WALL BRACKETS



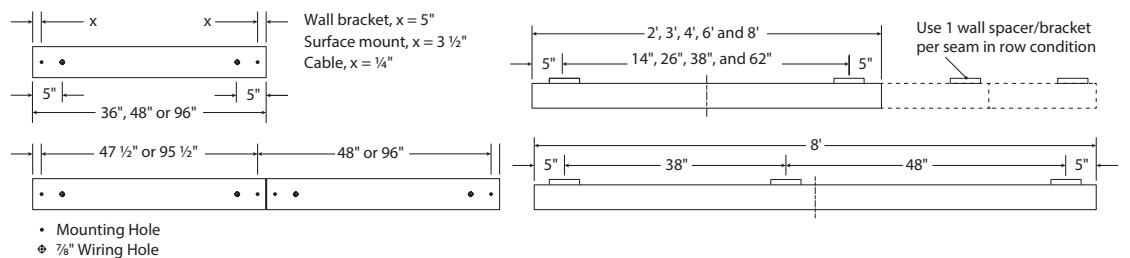
WALL MOUNTING



SUSPENSION & ADJOINING DETAILS



MOUNTING LOCATIONS



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P46 | Linear, Wall 4" Linear



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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)	NEW 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)

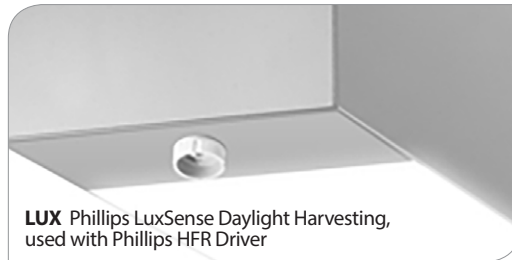
Choose from one of our Premium Colors with no set-up fee.

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

SENSORS



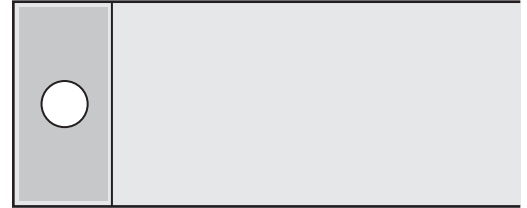
205 WattStopper PIR Occupancy



LUX Phillips LuxSense Daylight Harvesting, used with Phillips HFR Driver



3E Enlighted 2-Wire PIR Daylight, Motion & Environmental Sensor



2"

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

LOUVERS



(SPL Louver Shown)

SPL ¾" Tall Louvers, 2¼" Spacing
BLA ½" Tall Louvers, 1" Spacing



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