



P46 | Linear & Wall



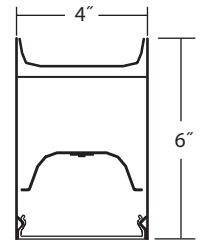
PRUDENTIAL LTG.

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
84 CRI
4000 CCT



UP TO **102** LM/W

		LOW	MEDIUM	STANDARD	HIGH
CW with SAL-D1	lm/ft w/ft	810 9	1250 14	1740 20	1985 24
SYM with SAL-D1	lm/ft w/ft	900 9	1300 14	1850 20	2100 24

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

SE-RIES	LED COLOR	OUT-PUT	NOM. LGTH	TRIM COLOR	SHIELDING	DISTRI-BUTION	CIRCU-ITING	VOLT-AGE	MOUNTING	CEILING SYSTEMS	CONTROLS	OPTIONS
P46	LED27 2700K LED3 3000K LED35 3500K LED4 4000K	LO Low MO Medium SO Standard HO High	2' 3' 4' 6' 8' R (Row length in 1" increments)	TMW Textured Matte White (Standard) YGW Gloss White YPE Pewter Y Premium Color CC Custom Color	SAL Satin Acrylic (D1 Only) AWL Acrylic Wall Wash Lens (D1W Only) AWW Acrylic Wall Grazer Lens (D1G Only) SPL-OL* Silver Parabolic Louver BLA-OL* Bladed Louver, Anodized *Louvers have a thin acrylic overly masking LEDs	Choose Down -and- Up DOWN: D1 Direct D1W Wall Wash D1R Perimeter Fill D1G Wall Grazer UP: CW Ceiling Wash SYM Symmetric Glow ASY-R/W Asymmetric Glow	SC Single Circuit DC Dual Circuit	UNV (120-277)	CA48", 96" or 144" Aircraft Cable (Adjustable) WB Wall Bracket (2" standoff) WS Wall Spacer (1/2" standoff) WM Direct to Wall (ADA compliant)	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 DML 1% Lutron Dimming DMD 0.1% DALI Dimming DMG 1% DALI Dimming	EML Emergency Battery, Low (D1, D1W ~ 850 delivered lumens, D1G ~ 600) EMH Emergency Battery, High (D1, D1W ~ 1175 delivered lumens, D1G ~ 900) C2 90° 2-Way Lit Corner CX Special Connector (Consult factory) QC Quick Connect DLH Right Light™ ADC Acrylic Dust Cover IBC Insulated Braided Cable QC Quick Connect Assemblies PRUBIN Meticulous binning and labeling every LED board within a 2-step MacAdams ellipse



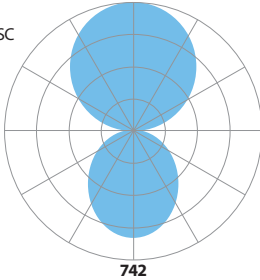
Prudential Ltg. reserves the right to change design specifications or materials without notice. Please visit www.prulite.com for most current data.
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SATIN ACRYLIC GLOW

Low Output:

P46-LED4-LO-LO-SAL-D1-SYM-SC
3903 Delivered Lumens
38.3 Watts
102 lm/w
84 CRI
4000 CCT
Light Labs Test #L041412309



Zonal Lumen Summary:

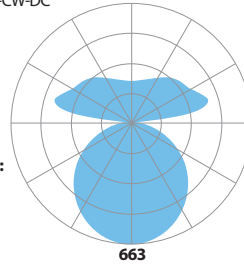
0-90 = 45%
90-180 = 55%

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
85 CRI
4000 CCT



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

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 MacAdam 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 MacAdam 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 2.375" w x 1.25" 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





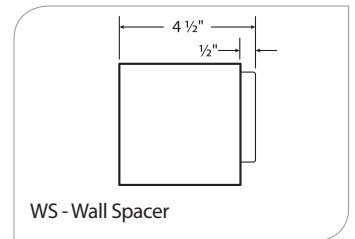
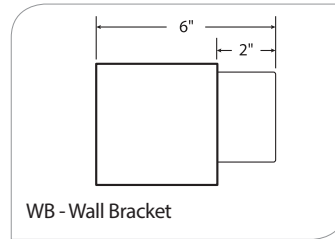
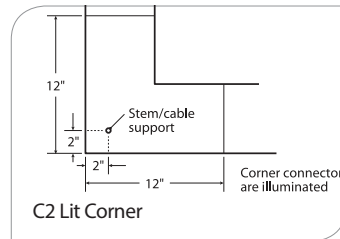
Choose from one of our 14 Premium Colors with no set-up fee.

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

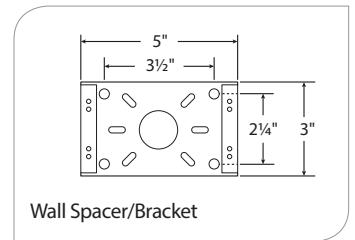
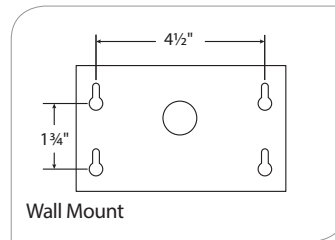
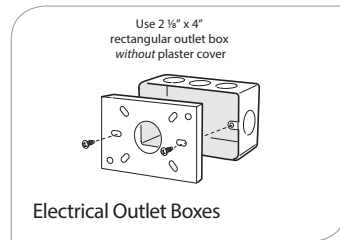


Client: Hicks Orthodontics, Architect: BARBERMcMURRY architects

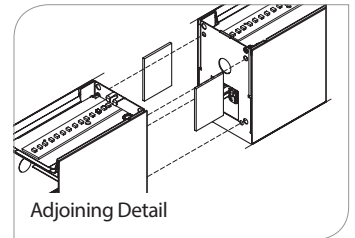
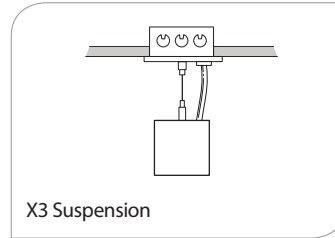
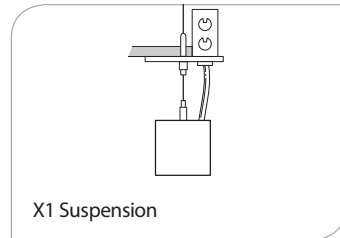
CORNER & WALL BRACKETS



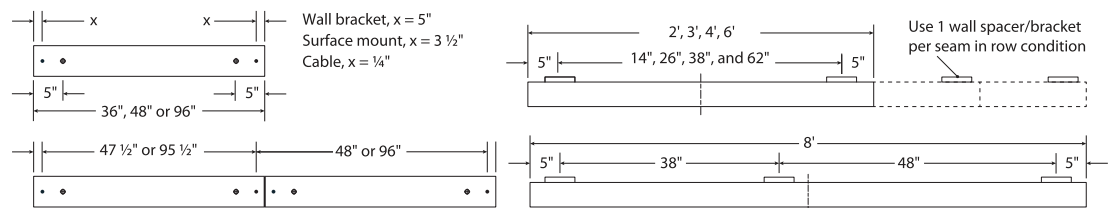
WALL MOUNTING



SUSPENSION & ADJOINING DETAILS



MOUNTING LOCATIONS



- Mounting Hole
- ⊕ 7/8" Wiring K.O.

