



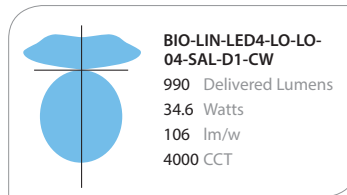
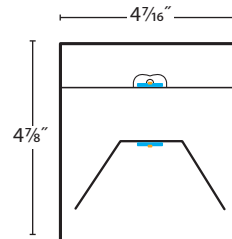
Bionic™ | Linear, Surface & Wall

4" Linear



PRUDENTIAL LTG.

PRULITE.COM 213.746.0360



Type:

Job:

UP TO **106** LM/W

		LO	MO	SO	HO
DOWN	CW with SAL-D1	Im/ft 960	1415	1825	2265
	w/ft 9	14	20	24	
SAL-D1	Im/ft 475	690	925	1090	
	w/ft 4.5	7	10	12	
ABW-D1X	Im/ft 425	665	900	1080	
	w/ft 4.5	7	10	12	
AWL-D1W/R	Im/ft 437	675	940	1072	
	w/ft 4.5	7	10	12	
AWW-D1G	Im/ft 350	500	700	800	
	w/ft 4.5	7	10	12	
UP	CW only	Im/ft 485	725	1025	1175
	w/ft 4.5	7	10	12	
SYM only	Im/ft 450	650	925	1075	
	w/ft 4.5	7	10	12	

HO - Not available for Lutron

Open office illumination, wall washing or grazing.

Industry best combination of optics, efficacy and aesthetics in a sleek extruded aluminum housing. See our P40 Series for the same great optics with a budget-friendly steel housing.

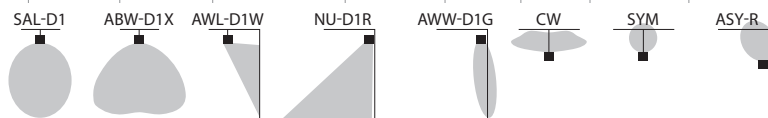
Bionic Series includes:

- Direct/Indirect: Wash, Graze, Perimeter Fill, Batwing and Ceiling Wash Optics
- Recessed Linear: Wash, Graze and Batwing Optics
- Perimeter: Graze and Perimeter Fill Optics



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	NOMINAL LENGTH	COLOR/ FINISH	SHIELD-ING	DISTRIBUTION	CIRCU-ITING	VOLT-AGE	MOUNT-ING	CEILING SYSTEMS	DRIVERS	OPTIONS & CONTROLS
BIO-LIN		-				-						
Linear	LED27 2700K (90CRI) LED3 3000K LED35 3500K LED4 4000K	LO Low MO Medium SO Standard HO High	2' 3' 4' 6' 8' R (Row length)	TMW Textured Mat White (Standard) YGW Gloss White Y Premium Color CC Custom Color	SAL Satin Lens (D1 only) ABW Acrylic Batwing (D1X only) AWL Wall Wash Lens (D1W or D1R only) AWW Wall Graze Lens (D1G only)	Choose Down -AND- Up DOWN: NW No Downlight D1 Direct (SAL only) D1X Batwing (ABW only) D1W Wall Wash (AWL only) D1R Perimeter Fill (Wall mount with AWL only) D1G Wall Grazer (AWW only, WB recommended for wall mount)	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 (Adjustable) SUR Surface Mount (D1/NU only) WB Wall Bracket (2" Standoff) WS Wall Spacer (1/2" Standoff) WM Direct to Wall (ADA Compliant) SSC Stem Mount (Specify length, NU only)	X1 T-Bar 15/16" Exposed (Standard) X3 Hard Ceiling X6 Slot Grid	ND Non-Dimming, Osram 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	EML Emergency Battery, Low (D1, D1W ~ 850 delivered lumens, D1G ~ 600) EMH Emergency Battery, High (D1, D1W ~ 1175 delivered lumens, D1G ~ 900) 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 C2X Special Angled Connector (Consult factory)



Prudential Ltg. reserves the right to change design specifications or materials without notice. Please visit prulite.com for most current data.
 © 2014 All rights reserved - All products manufactured at: Prudential Ltg. 1774 E. 21st Street, Los Angeles, CA 90058



SAL DISTRIBUTION

Low Output:

BIO-LIN-FLSH-LED4-LO-04-SAL-D1

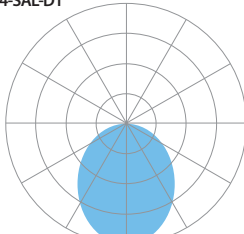
1747 Delivered Lumens

19 Watts

101 lm/w

4000 CCT

Light Labs Test
#LL041412304R01



885

Zonal Lumen Summary:
0-90 = 100%

Vertical Angle	0	25	45	65	90
0	803	803	803	803	803
5	795	795	796	796	795
15	725	730	741	749	752
25	610	620	639	660	671
35	477	489	515	544	561
45	350	363	388	420	439
55	241	250	272	298	316
65	155	161	176	194	207
75	77	80	87	96	103
85	20	20	21	23	24
90	0	0	0	0	0

UPTO **101** LMW

	LO	MO	SO	HO
lm/ft	475	690	925	1090
w/ft	4.5	7	10	12

BATWING DISTRIBUTION

Low Output:

BIO-LIN-FLSH-LED4LO-ABW-D1X

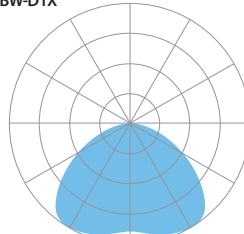
1784 Delivered Lumens

19 Watts

94 lm/w

4000 CCT

LIGHT LABS TEST
#LL041412303R01



621

Zonal Lumen Summary:
0-90 = 100%

Vertical Angle	0	25	45	65	90
0	621	621	621	621	621
5	616	621	630	638	641
15	585	615	657	683	695
25	527	586	643	665	670
35	447	525	577	592	591
45	354	432	476	464	440
55	258	319	344	299	266
65	169	210	213	170	149
75	86	99	96	75	67
85	23	21	19	17	16
90	0	0	0	0	0

UPTO **94** LMW

	LO	MO	SO	HO
lm/ft	425	665	900	1080
w/ft	4.5	7	10	12

CEILING WASH ONLY

Low Output:

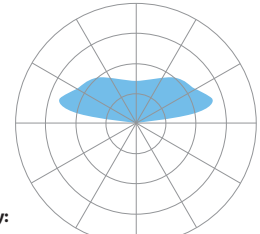
BIO-LIN-LED4-LO-CW

1945 Delivered Lumens

17 Watts

112 lm/w

4000 CCT



663

Zonal Lumen Summary:
0-90 = 100%
90-180 = 100%

Vertical Angle	0	25	45	65	90
95	94	187	138	31	16
105	671	495	169	95	37
115	632	481	250	168	117
125	603	492	320	233	176
135	569	486	365	286	233
145	496	447	381	319	281
155	437	418	382	344	324
165	402	394	379	366	358
175	383	381	380	378	376
180	380	380	380	380	380

UPTO **112** LMW

	LO	MO	SO	HO
lm/ft	485	725	1025	1175
w/ft	4.5	7	10	12





WALL WASH

Low Output:

BIO-LIN-LED4-LO-04-AWL-D1W

1750 Delivered Lumens

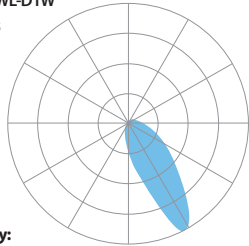
17.6 Watts

100 lm/w

4000 CCT

LIGHT LABS TEST

#L021507501R01



Zonal Lumen Summary:

0-90 = 100%

682

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

WALL GRAZER

Low Output:

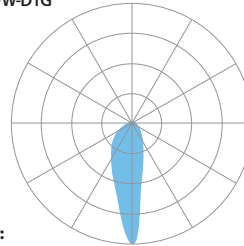
BIO-LIN-LED4-LO-04-AWW-D1G

1408 Delivered Lumens

17.3 Watts

81 lm/w

4000 CCT



Zonal Lumen Summary:

0-90 = 100%

2619

Vertical Angle	0	22.25	45	67.5	90
0	2619	2619	2619	2619	2619
5	2290	2337	2462	2578	2603
15	1486	1526	1675	2096	2463
25	1101	1134	1233	1588	2149
35	787	814	898	1145	1692
45	559	580	623	792	1141
55	381	394	432	521	673
65	255	260	272	311	346
75	157	153	151	147	146
85	54	50	47	41	32
90	0	0	0	0	0

UPTO **81** LM/W

	LO	MO	SO	HO
lm/ft	350	500	700	800
w/ft	4.5	7	10	12

NOTE: D1R - Use D1W IES Files and flip in room application software.

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. +/- 100 lumens, +/- 100k CCT 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 1.625" w x 1.25" h.

CONSTRUCTION

Housing

Extruded aluminum >25% PC recycled, 100% recyclable

Lens

Acrylic, 100% recyclable

MOUNTING

Surface mounted to walls or ceilings, suspended by cable or stem

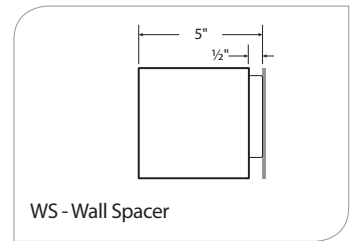
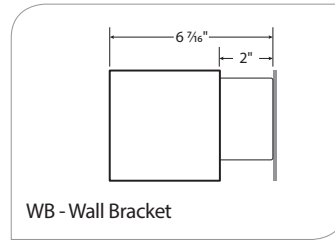
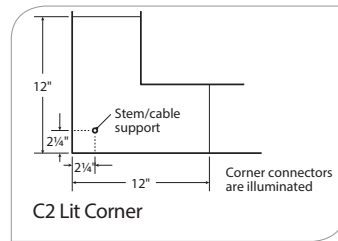
WARRANTY

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

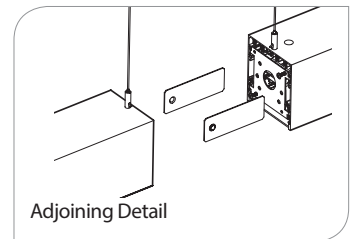
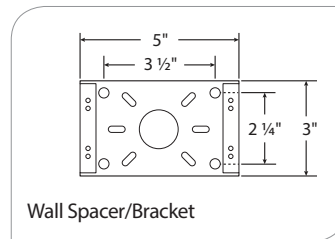
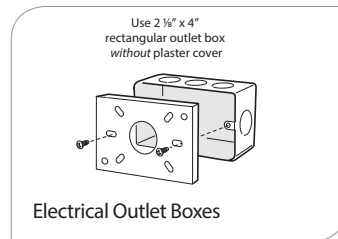




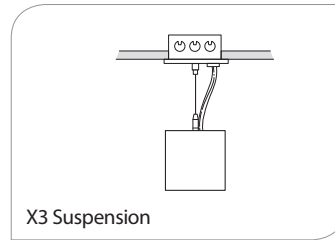
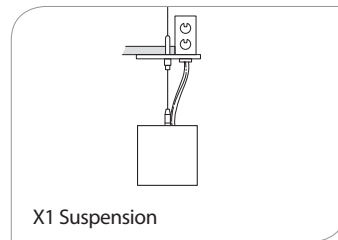
CORNERS & WALL MOUNTING



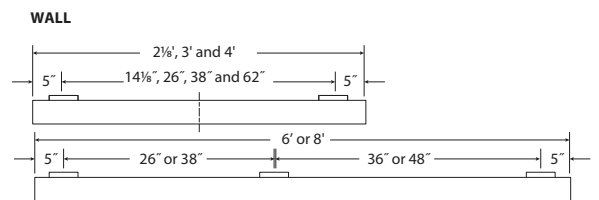
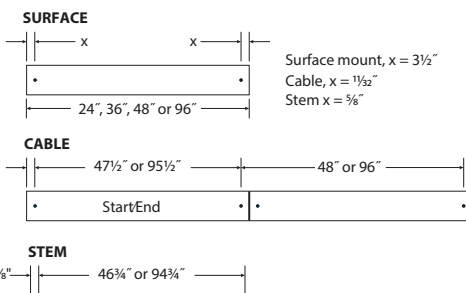
WALL MOUNTING



CABLE MOUNTING



MOUNTING LOCATIONS



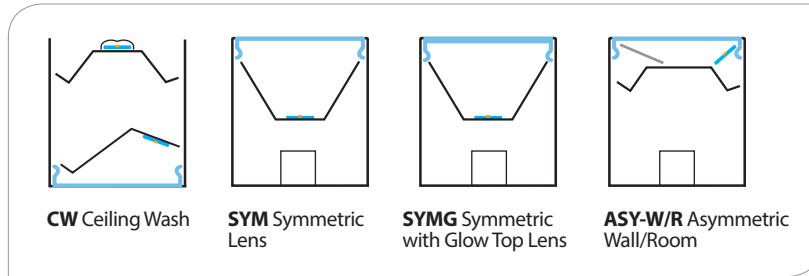


NEW YSW – Seashell White (Matte)	NEW YCH – Champagne (Metallic)
YSL – Silver (Metallic)	YPE – Pewter (Matte)
YRG – Rain Grey (Gloss)	YSTM – Storm Grey (Matte)
NEW YBK – Black (Matte)	NEW YBB – Black (Semi Gloss)
YSKM – Sky (Matte)	NEW YMB – Military Blue (Matte)
NEW YIB – Interstate Blue (Matte)	YSAM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

CROSS SECTIONS



CONTROL SENSORS



205 WattStopper PIR Occupancy



LUX Phillips LuxSense Daylight Harvesting, used with Phillips HFR Driver



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

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