

DIRECT:		LO	MO	SO	HO
SAL	Lm/Ft	460	685	925	1200
BTW	Lm/Ft	490	720	1000	1250
WWF	Lm/Ft	485	710	1000	1275
WWG / PFL	Lm/Ft	485	710	1000	1275
NGZ	Lm/Ft	550	800	1125	1500
MGZ	Lm/Ft	485	710	1000	1275
WGZ	Lm/Ft	550	800	1125	1500
LGP	Lm/Ft	485	710	1000	—
W/Ft		3.8	5.6	7.8	10.5
INDIRECT:		LO	MO	SO	HO
SYM	Lm/Ft	625	850	1125	1400
HCW	Lm/Ft	315	475	660	825
MCW	Lm/Ft	400	550	750	1000
SCW	Lm/Ft	575	875	1170	1450
SACW	Lm/Ft	500	750	1000	1200
W/Ft		3.8	5.6	7.8	10.5
DIRECT / INDIRECT:		W/Ft	11.2	15.6	21



TUNABLE WHITE



LAMINATE FINISH OPTIONS

SEE PAGE 3 FOR ALL OPTIONS



Lumen output may vary +/- 5%
Light Loss Factor (LLF) for CCTs other than 3500K:
 4000K +2%, 3000K -5%, 2700K -20%
 90 CRI -15% (3K, 3500K, 4K & 5K
 ADC -2% LLF
 Louver LLF 30% White, 50% Silver, 70% Black

LUMEN CHART AT 3500K-80 CRI
 SEE PAGE 6 FOR REGRESS

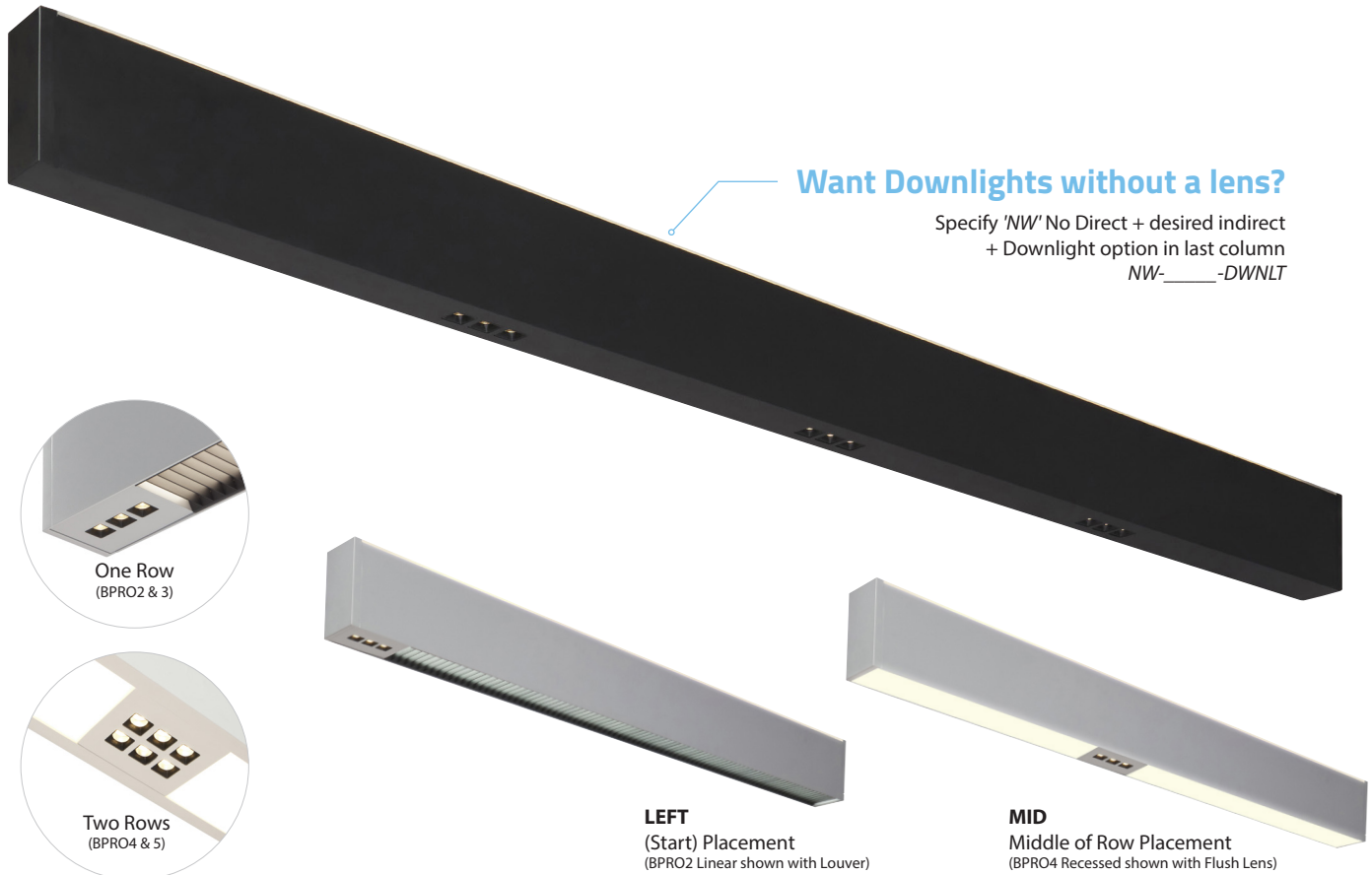
SE-RIES	LENS POS.	LED COLOR	OUT-PUT	LENGTH	COLOR / LAMINATE	LAM. CAN-OPY COLOR	LOUVER COLOR	DISTRIBUTION	UP OP-TIONS	CIRCU-ITING	MOUNTING	CEILING TYPE	DRIVERS	OPTIONS & SENSORS	
BPRO4-LIN															
BionicPro 4" Linear	FLSH Flush Lens LVR 1/2" Regress with Louver REG.5 1/2" Regress IND Indirect Only (Select NW No Down-light)	LED27 2700K (90CRI) LED3 3000K LED35 3500K LED4 4000K LED3-90 3000K (90CRI) LED35-90 3500K (90CRI) LED4-90 4000K (90CRI) LED5-90 5000K (90CRI) PRUHUES: BIOS STATIC: BLU3S BLU35S BLU4S DYNAMIC: BLU3D* BLU35D* BLU4D* * Dynamic BIOS, SkyBlue spike can be dimmed, CCT warms slightly TU TuHue 2700-6500K Tunable White TU2** TuHue 2200-5000K Tunable White AMB** AmberHue Warm Dim 2200K-5000K ** NAHO CHR ChromaHue RGBW (DMX at HO only) DOWN & UP CCT IF DIFFERENT	LO Low MO Medium SO Standard HO High R (Row Length, 1" increments. Consult factory for custom lengths) PROG Programmable Light Output (Specify desired lm/ft or w/ft) SRL Sym-metric Row Length (See page 12) NOTE: Individual fixtures are NOT intended for row mounting	2' 3' 4' 5' 6' 7' 8' R	TMW Textured Matte White (Standard) YGW Gloss White Y_ Premium Color CC_ Custom Color LUXE METAL-LICS: YBZ Bronze YCP Copper YCN Penny YGN Gold Nugget NOTE: For LUXE finishes, Stem and Canopy are White (TMW) unless specified otherwise. LAMINATE FINISHES (SPECIFY CAN-OPY COLOR IN NEXT COLUMN =>) LOK Vara Oak LEW Evreux Walnut LOG Oxidized Gold LOB Oxidized Black L_ Special Order Laminated (EXTENDED LEAD TIMES) NOTE: For Laminated finishes, Stem and Canopy are White (TMW) unless specified otherwise.	(SKIP THIS COLUMN IF LAMINATE FINISH IS NOT SELECTED) TMW Textured Matte White (Standard) YGW Gloss White Y_ Premium Color CC_ Custom Color LUXE METAL-LICS: YBZ Bronze YCP Copper YCN Penny YGN Gold Nugget NOTE: For LUXE finishes, Stem and Canopy are White (TMW) unless specified otherwise.	(SKIP THIS COLUMN IF LOUVER IS NOT SELECTED) TMW Textured Matte White (Standard) YGW Gloss White Y_ Premium Color CC_ Custom Color LUXE METAL-LICS: YBZ Bronze YCP Copper YCN Penny YGN Gold Nugget	CHOOSE DOWN -AND- UP DOWN: NW No Direct SAL Satin Lens BTW Batwing WWF Flat Wall Wash WWG Focal Glow Wall Wash PFL Perimeter Room Fill NGZ Narrow Wall Graze MGZ Medium Wall Graze WGZ Wide Wall Graze LGP Low Glare Prismatic (NA HO)	UP: NU No Indirect SYM Sym-metric (Frosted ADC, Standard) HCW Hard Ceiling Wash MCW Medium Ceiling Wash SCW Soft Ceiling Wash SACW Soft Asym-metric Ceiling Wash	TG Top Glow ADC Acrylic Dust Cover (Clear) Standard for SYM (Frosted) TGADC Top Glow with Acrylic Dust Cover UP OP-TIONS AVAIL-ABLE WITH ANY UP DISTRI-BUTION	SC Single Circuit (Down & Up will dim together) DC Dual Circuit (Needed if dimming Down separately from Up) VOLT-AGE UNV (120-277) 347 (Emergency battery requires remote driver box)	(SPECIFY CEILING TYPE IN NEXT COLUMN =>) CA48", 96" or 144" Aircraft Cable (Adjust-able) SURF Surface Mount (Direct only) RSC Rigid Stem Center SSC Swivel Center (~45° of rotation) (SPECIFY MOUNTING LOCATION IN NEXT COLUMN =>) WMC (Chan-nel) .75" Tall Continuous Channel WMC2 (Channel) 2" Tall Continuous Channel WMU (Bracket) .5" Tall Bracket WMU1 (Bracket) 1" Tall Bracket WMU2 (Bracket) 2" Tall Bracket WM Direct to Wall WBx.x Wall Bracket (2"-6" in .5" increments, 3" standard if not specified)	CEILING TYPE: X1 T-Bar X3 Hard Ceiling X6 Slot Grid MOUNT-ING LOCA-TION: WALL (For Wall or Mullion Mount) SUR Ceiling WALL	ND Non-Dimming DM01 0-10v, 1% Dimming (Standard) LDE1 Hi-lume 1% EcoSystem LED (Soft fade on, fade-to-black dimming) ECO 1% 0-10v, EldoLED (Logarithmic dimming std) ECDA 1% DALI, EldoLED (Logarithmic dimming std) nLight-Air Acuity nLight Drivers (ECDA driver ONLY) nLight-Wired Acuity nLight Drivers (ECO driver ONLY, Requires Remote Driver) SOLO 0.1% 0-10v, EldoLED (Dim-to-dark, Logarithmic dimming std) SODA 0.1% DALI, EldoLED (Dim-to-dark, Logarithmic dimming std) STEP Signify Advance Step Dimming 2WIRE ELV/For-ward/Reverse Phase Driver PRUHUES: E10V 2 Channel Color Control EDALI 2 Channel Color Control EDMX Chroma-Hue or Static White	EMHE CA T20 Emergency Battery (1250 Delivered lumens; CA Title 20 compliant) ETS-DR Iota ETS-DR Emergency Transfer Switch EMC Emergency Circuiting FTR Feather WTW Asym-metric on Perpendicular Wall (NA HO or LGP) EBCP1G /2G Single / Dual Gang (Electrical Box Cover Plate/ Mud Ring) COS Custom On-Center Spacing for Wall/Surface Brackets SENSORS: 205 WattStopper PIR Occupancy 205-ON/OFF 205-STEP: Dim to 50% 205-DM: Dim to 1% (NA with DALI) ATHENA Lutron RF (Dim-to-Off Standard) LVOC** Lutron Vive (Occ & RF) LVRF** Lutron Vive (RF Only) ** Requires Lutron driver NXSMP Hubble (occ) rES7 Daylight+(PIR Acoustic) (Occ) (nLight-Air) Part Number: rES7-PDT-180D-G2 nES7 Daylight+(PIR Acoustic) (Occ) LUX Philips DLR CORNERS: C2-60 Lit 60° C2-90 Lit 90° C2-120 Lit 120° C2-135 Lit 135° C3T Lit 90° 3-Way: T C3Y Lit 120° 3-Way: Y C4T Lit 90° 4-Way: + C4X Lit 45°-135° 4-Way: X C8I Lit Inside 2-Plane C8O Lit Outside 2-Plane 90° LOUVERS AVAILABLE (CONSULT FACTORY FOR OTHER ANGLES) LRT Linear to Recessed Transition (Straight rows only) DWNLT Downlights

BionicPro4 | Linear Downlights



PRUDENTIAL LTG.

PRULITE.COM 213.746.0360



Want Downlights without a lens?

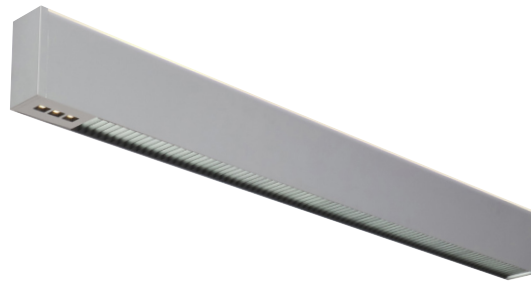
Specify 'NW' No Direct + desired indirect
+ Downlight option in last column
NW-____-DWNLT



One Row
(BPRO2 & 3)



Two Rows
(BPRO4 & 5)



LEFT
(Start) Placement
(BPRO2 Linear shown with Louver)



MID
Middle of Row Placement
(BPRO4 Recessed shown with Flush Lens)

		NRW 20°	MED 35°	WDE 55°
1 ROW	Lm	445	425	350
	W	9	9	9
2 ROWS	Lm	500	465	425
	W	8.7	8.7	8.7

NRW 20°				MED 35°				WDE 55°			
DISTANCE	FOOTCANDLES		BEAM	DISTANCE	FOOTCANDLES		BEAM	DISTANCE	FOOTCANDLES		BEAM
	1 ROW	2 ROWS			1 ROW	2 ROWS			1 ROW	2 ROWS	
3'	251	281.5	12.7"	3'	138	144	22.8"	3'	80	67	37.5"
4'	104.7	116.7	17.0"	4'	67.3	70	30.3"	4'	40	35.7	50.0"
5'	82.3	91.7	21.1"	5'	47	49.2	37.8"	5'	27	23.7	62.5"
6'	52.9	58.5	25.4"	6'	31.5	32.7	45.4"	6'	18	16.1	75.0"
7'	29.5	32.7	29.6"	7'	17.6	18.4	53.0"	7'	10	9.1	87.5"
8'	27.6	30.53	33.8"	8'	16.05	16.9	60.5"	8'	9	8.15	100.0"
9'	25.7	28.36	38.1"	9'	14.5	15.4	68"	9'	9	7.2	112.4"

SERIES	QUANTITY	LOCATION	CCT	DISTRIBUTION	COLOR	VOLT-AGE	DRIVERS
DWN-LT							
Down-light	SPECIFY DOWNLIGHT QUANTITY PER FIXTURE/ROW Maximum One (1) Downlight Every 4' 16' Row = 4 Downlights 30' Row = 7 Downlights	MID One Downlight in Middle of Fixture LT One Downlight on Left (Start) RT One Downlight on Right (End) LT-RT Two Downlights on Ends LT-MID Two Downlights on Left and Middle MID-RT Two Downlights on Middle and End MOD Downlight Location(s) per Specs	LED3-90 3000K-90CRI (Standard) LED35-90 3500K-90CRI LED4-90 4000K-90CRI NOTES: - NA 2700K, 5000K - Only 1 Output Offered	NRW Narrow 20° Beam MED Medium 35° Beam WDE Wide 55° Beam	TMW Textured Matte White (Standard) YGW Gloss White Y_ Premium Color CC Custom Color LUXE METALLICS: YBZ Bronze YCP Copper Penny YGN Gold Nugget	UNV (120-277) 347	DM01 0-10v, 1% Dimming (Standard) LDE1 Hi-lume 1% EcoSystem LED (Soft fade on, fade-to-black dimming) 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)



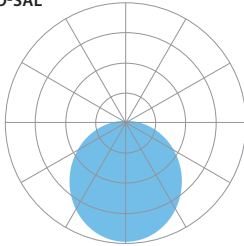
FLSH:

SATIN LENS

MEDIUM OUTPUT:

BPRO4-LIN-FLSH-LED35-MO-SAL

2740 Delivered Lumens
23 Watts
120 lm/w
3500 CCT
1.22 Spacing Criteria



986

Zonal Lumen Summary:

0-90 = 100%

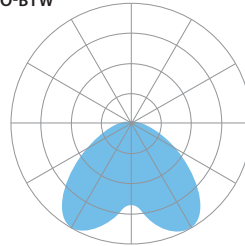
Vertical Angle	0°	25°	45°	65°	90°
0°	986	986	986	986	986
5°	980	980	977	982	982
15°	934	935	934	942	943
25°	852	852	854	865	869
35°	742	742	746	760	463
45°	613	612	617	630	639
55°	472	471	477	488	497
65°	323	323	329	339	348
75°	175	175	181	190	198
85°	37	37	42	49	56
90°	0	0	0	0	0

BATWING

MEDIUM OUTPUT:

BPRO4-LIN-FLSH-LED35-MO-BTW

2886 Delivered Lumens
23 Watts
127 lm/w
3500 CCT
1.90 Spacing Criteria



1110

Zonal Lumen Summary:

0-90 = 100%

Vertical Angle	0°	25°	45°	65°	90°
0°	721	721	721	721	721
5°	773	765	742	724	714
15°	996	961	854	724	655
25°	1110	1074	933	698	561
35°	1084	1057	925	634	463
45°	906	907	824	533	378
55°	612	640	635	411	306
65°	360	381	402	287	235
75°	183	192	204	170	154
85°	48	49	55	55	55
90°	0	0	0	0	0

UGR16

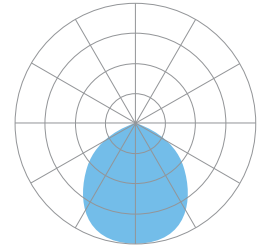
WELL Building Standard

LOW GLARE PRISMATIC

STANDARD OUTPUT:

BPRO4-LED35-SO-LGP

3622 Delivered Lumens
32 Watts
113 lm/w
3500 CCT



1887

Zonal Lumen Summary:

0-90 = 100%

Vertical Angle	0°	25°	45°	65°	90°
0°	1887	1887	1887	1887	1887
5°	1883	1876	1866	1876	1878
15°	1802	1789	1765	1758	1752
25°	1631	1610	1562	1521	1500
35°	1381	1347	1253	1122	1061
45°	1070	1005	822	680	629
55°	696	594	459	380	351
65°	351	305	232	201	186
75°	147	134	100	95	87
85°	38	39	55	23	23
90°	0	0	0	0	0

UGR16

WELL Building Standard



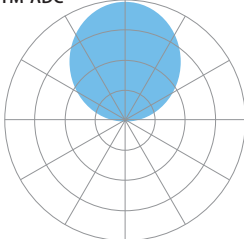
NW(NO DIRECT) — UP:

SYMMETRIC

STANDARD OUTPUT:

BPRO4-LED35-SO-NW-SYM-ADC

4570 Delivered Lumens
33 Watts
139 lm/w
3500 CCT



Zonal Lumen Summary:

90-180 = 100%

1816

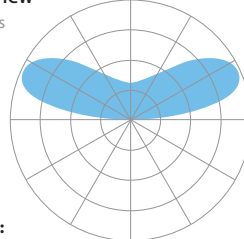
Vertical Angle	0°	22.5°	45°	67.5°	90°
90°	0	0	0	0	0
95°	73	73	72	71	73
105°	261	263	262	261	266
115°	505	503	499	500	508
125°	764	765	769	774	786
135°	1050	1052	1054	1063	1075
145°	1325	1327	1326	1338	1350
155°	1554	1555	1552	1564	1578
165°	1711	1712	1708	1720	1735
175°	1791	1792	1786	1799	1816
180°	1805	1805	1805	1805	1805

HARD CEILING WASH

STANDARD OUTPUT:

BPRO4-LED35-SO-NW-HCW

2653 Delivered Lumens
33 Watts
80 lm/w
3500 CCT



Zonal Lumen Summary:

90-180 = 100%

1040

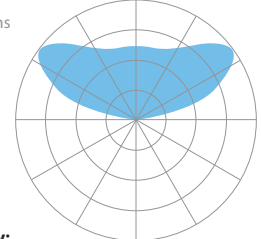
Vertical Angle	0°	22.5°	45°	67.5°	90°
90°	0	0	0	0	0
95°	74	125	163	129	25
105°	859	777	525	255	96
115°	1040	913	598	301	169
125°	932	815	556	322	229
135°	716	636	474	330	272
145°	530	489	406	331	299
155°	417	399	363	330	315
165°	356	351	339	329	324
175°	330	330	328	328	329
180°	327	327	327	327	327

MEDIUM CEILING WASH

STANDARD OUTPUT:

BIOPRO-LIN-SO-MCW

3115 Delivered Lumens
32 Watts
97 lm/w
3500 CCT



Zonal Lumen Summary:

90-180 = 100%

1138

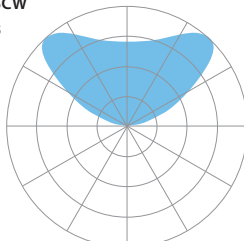
Vertical Angle	0°	22.5°	45°	67.5°	90°
90°	0	0	0	0	0
95°	41	45	57	33	1
105°	464	475	344	146	92
115°	852	787	495	539	204
125°	1060	916	573	256	296
135°	973	843	601	469	442
145°	811	739	1138	544	530
155°	709	683	619	600	598
165°	667	657	642	635	640
175°	659	657	655	653	656
180°	664	664	664	664	664

SOFT CEILING WASH

STANDARD OUTPUT:

BPRO4-LED35-SO-NW-SCW

4639 Delivered Lumens
33 Watts
143 lm/w
3500 CCT



Zonal Lumen Summary:

90-180 = 100%

1584

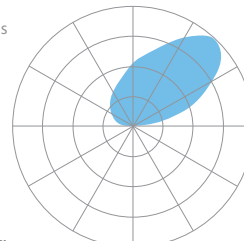
Vertical Angle	0°	22.5°	45°	67.5°	90°
90°	0	0	0	0	0
95°	102	123	161	136	48
105°	367	409	463	344	198
115°	755	804	824	539	369
125°	1270	1283	1117	701	539
135°	1584	1492	1179	823	700
145°	1484	1381	1138	921	851
155°	1279	1220	1102	1005	978
165°	1149	1130	1094	1074	1073
175°	1114	1111	1106	1114	1123
180°	1117	1117	1117	1117	1117

SOFT ASYMMETRIC CEILING WASH

STANDARD OUTPUT:

BPRO4-LIN-SO-SACW

4073 Delivered Lumens
33 Watts
125 lm/w
3500 CCT



Zonal Lumen Summary:

90-180 = 100%

2106

Vertical Angle	0°	22.5°	45°	67.5°	90°
90°	0	0	0	0	0
95°	341	366	345	222	46
105°	939	946	853	503	174
115°	1475	1458	1268	697	320
125°	1906	1856	1504	848	463
135°	2106	1962	1499	946	599
145°	1906	1745	1373	1011	724
155°	1544	1443	1245	1046	828
165°	1268	1230	1149	1042	904
175°	1069	1048	1018	985	945
180°	936	936	936	936	936



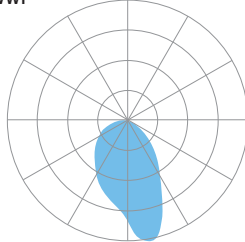
FLSH:

FLAT WALL WASH — DISTRIBUTION

Standard Output:

BPRO4-FLSH-LED35-LO-4-WWF

2056 Delivered Lumens
15 Watts
134 lm/w
3500 CCT



Zonal Lumen Summary:

0-90 = 100%

1321

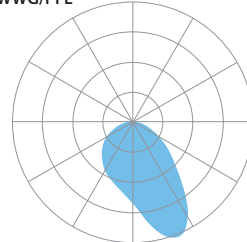
WALL SIDE	Vertical Angle	0°	25°	45°	65°	90°
	90°	0	0	0	0	0
85°	22	23	25	27	28	
75°	75	82	91	96	93	
65°	135	159	181	201	185	
55°	224	274	316	393	346	
45°	372	457	526	668	533	
35°	625	736	821	944	670	
25°	967	1070	1140	1095	763	
15°	1321	1297	1257	1058	828	
5°	1065	1027	992	930	862	
0°	863	863	863	863	863	
5°	740	757	766	804	862	
15°	646	655	661	704	828	
25°	567	583	591	622	763	
35°	456	482	497	533	670	
45°	344	369	384	419	533	
55°	496	506	531	570	690	
65°	173	167	165	164	185	
75°	109	96	89	85	93	
85°	33	30	27	26	28	
90°	0	0	0	0	0	
Vertical Angle	180°	202.5°	225°	247.5°	270°	

FOCAL GLOW WALL WASH / PERIMETER FILL

Low Output:

BPRO4-FLSH-LED35-LO-4-WWG/PFL

1989 Delivered Lumens
15 Watts
132 lm/w
3500 CCT



Zonal Lumen Summary:

0-90 = 100%

1205

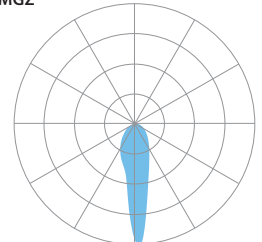
WALL SIDE	Vertical Angle	0°	25°	45°	65°	90°
	90°	0	0	0	0	0
85°	23	24	28	30	30	
75°	77	81	103	108	96	
65°	153	165	225	224	166	
55°	278	309	437	416	256	
45°	513	574	756	629	370	
35°	946	998	1014	746	487	
25°	1205	1165	1006	794	600	
15°	1022	997	910	810	693	
5°	844	836	810	779	739	
0°	747	747	747	747	747	
5°	644	658	810	779	739	
15°	518	525	543	595	693	
25°	458	461	468	497	600	
35°	408	409	411	417	475	
45°	403	403	405	416	487	
55°	291	284	262	244	256	
65°	222	210	183	160	166	
75°	137	130	104	92	96	
85°	42	42	33	29	30	
90°	0	0	0	0	0	
Vertical Angle	180°	202.5°	225°	247.5°	270°	

MEDIUM WALL GRAZER

LOW OUTPUT:

BPRO4-FLSH-LED35-LO-4-MGZ

1994 Delivered Lumens
15 Watts
133 lm/w
4000 CCT



Zonal Lumen Summary:

0-90 = 100%

2339

WALL SIDE	Vertical Angle	0°	25°	45°	65°	90°
	90°	0	0	0	0	0
85°	32	32	26	25	27	
75°	106	101	84	89	93	
65°	175	162	148	179	189	
55°	219	213	226	311	380	
45°	274	282	315	471	722	
35°	358	371	413	663	1225	
25°	460	476	554	998	1782	
15°	662	724	961	1627	2172	
5°	1838	1951	2116	2338	2335	
0°	2339	2339	2339	2339	2339	
5°	1549	1574	1771	2066	2335	
15°	615	646	810	1337	2172	
25°	442	453	515	838	1782	
35°	349	358	394	587	1225	
45°	262	268	304	426	722	
55°	203	198	217	291	380	
65°	165	148	144	172	189	
75°	110	96	81	87	93	
85°	36	31	23	24	27	
90°	0	0	0	0	0	
Vertical Angle	180°	202.5°	225°	247.5°	270°	

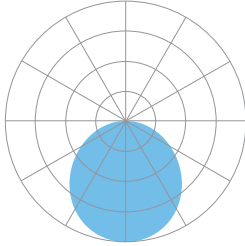


REG.5:

SATIN LENS

STANDARD OUTPUT:
BPRO4-LIN-REG.5-LED35-SO-SAL

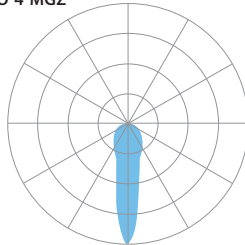
3683 Delivered Lumens
31 Watts
118 Lm/W
3500 CCT



MEDIUM WALL GRAZER

STANDARD OUTPUT:
BPRO4-LIN-REG.5-LED35-SO-4-MGZ

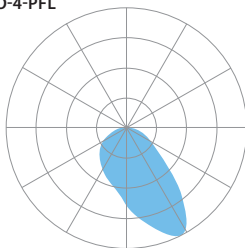
3879 Delivered Lumens
31 Watts
125 Lm/W
3500 CCT
16" FWHM



PERIMETER FILL

STANDARD OUTPUT:
BPRO4-LIN-REG.5-LED35-SO-4-PFL

3826 Delivered Lumens
31 Watts
123 Lm/W
3500 CCT



UPTO **125** LPW

REG.5:		LO	MO	SO	HO
SAL	Lm/Ft	450	670	900	1175
BTW	Lm/Ft	460	685	935	1200
WWF	Lm/Ft	475	700	975	1225
WWG/PFL	Lm/Ft	475	700	975	1225
MGZ	Lm/Ft	475	700	975	1225
	W/Ft	4	6	8	10.5

LUMEN CHART AT 3500K-80 CRI

Consult factory for Louver IES: marketing@prulite.com

LUMEN MAINTENANCE

L70 — 200,000+ Hours
L90 — 100,000+ Hours (LO, MO & SO)
L90 — 60,000+ Hours (HO)

LED SYSTEM LED modules and drivers are field replaceable.

PROG (OPTIONAL) Programmable light output. Specify desired lumens or watts per linear foot.

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. DM01 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 1.65" w x 1.25" h.

CONSTRUCTION

Housing Extruded aluminum housing and side wall >25% PC recycled, 100% recyclable.

Lens Seamless lens up to 200'. Consult factory for longer lengths. Polymer, 100% recyclable.

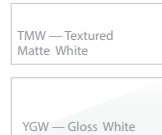
Weight 3.5 lbs/ft

MOUNTING Surface mounted to walls or ceilings, wall spacer, wall bracket to wall, suspended by cable.

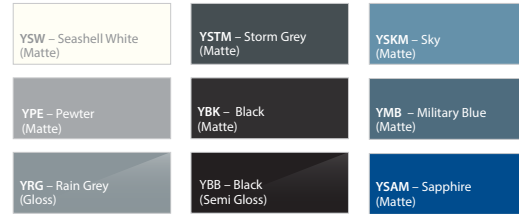
WARRANTY Single-source, 5 year limited warranty covers standard components and construction.

FINISH COLORS

STANDARD:



PREMIUM:



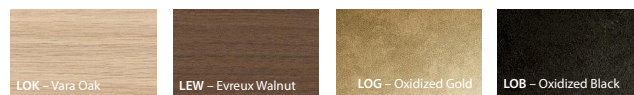
LUXE METALLICS:



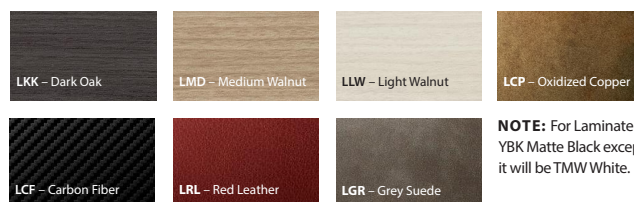
LAMINATE FINISHES:

Choose from one of our Premium Colors with no set-up fee. For paint chip samples, please email: info@prulite.com

STANDARD:



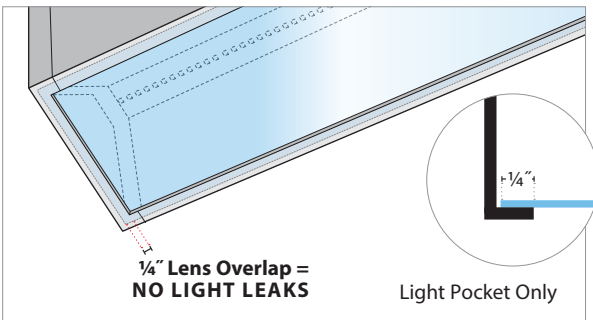
SPECIAL ORDER (EXTENDED LEAD TIMES):



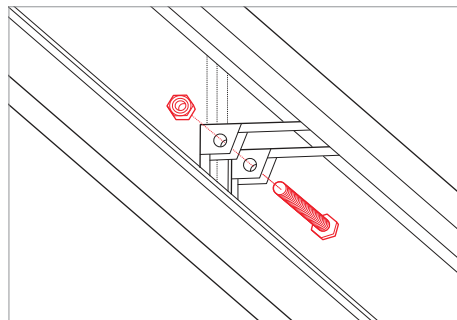
NOTE: For Laminate finishes Stem is YBK Matte Black except for LOK and LLW it will be TMW White.



CAST ALUMINUM END CAPS

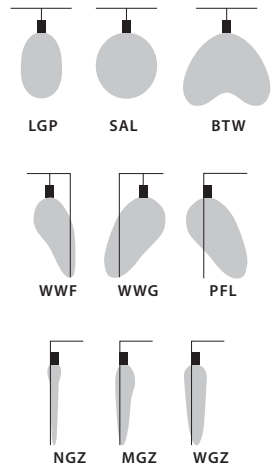


ADJOINING DETAILS

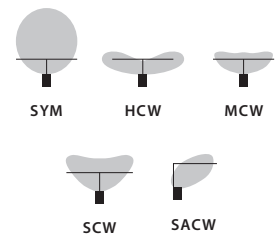


DISTRIBUTIONS

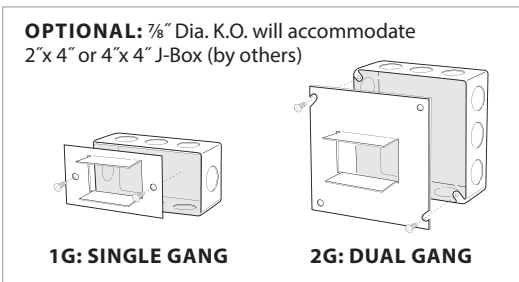
DOWN:



UP:



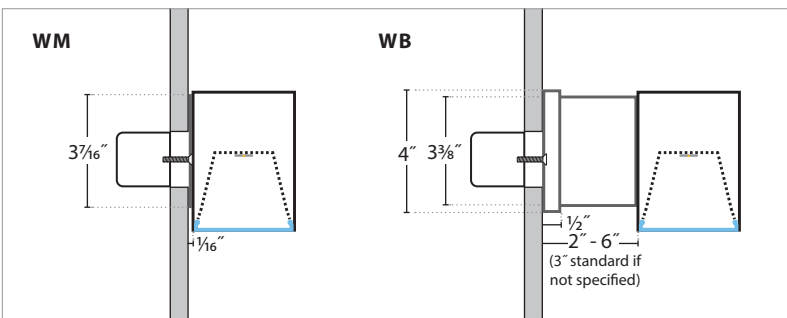
EBCP — ELECTRICAL BOX COVER PLATE



CANOPY DETAIL



WALL CROSS SECTIONS



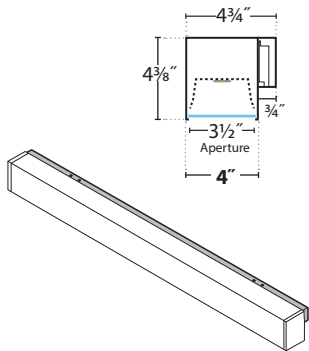
FIXTURE SIZE VARIES



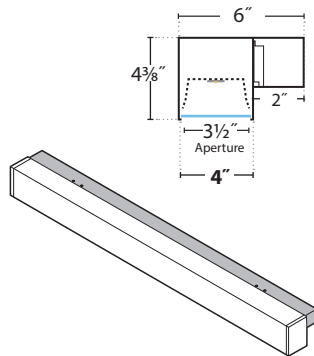
Why Channels?

Channels provide maximum flexibility in mounting points on the ceiling/wall (drilled in the field into structure).
 2 mounting points per channel required, all channels are the length of the fixture. .75" Channel accommodates SOOW cord (8 foot, 6 conductor cord), 2" Channel accommodates liquitite Flex with sealed connectors (6' long 6' conductor cord).

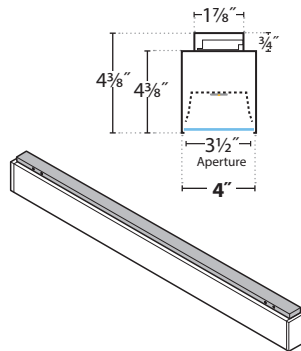
WMC — WALL



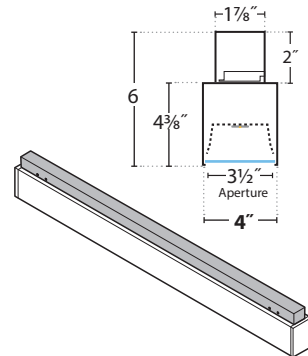
WMC2 — WALL



WMC — SURFACE



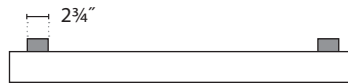
WMC2 — SURFACE



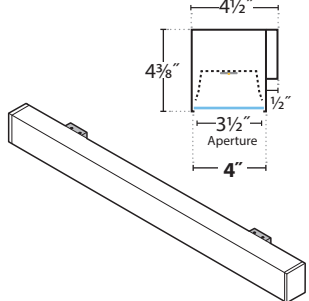
Why Brackets?

Clean look. Two options.

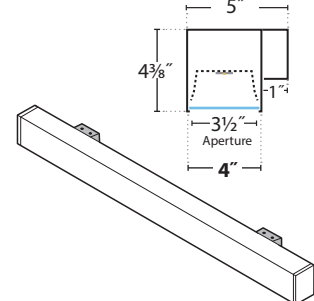
1. Installed at our standard dimensions.
2. COS (Custom on-center spacing) — Provide dimensions and our factory will install bracket cleats at provided dimensions.



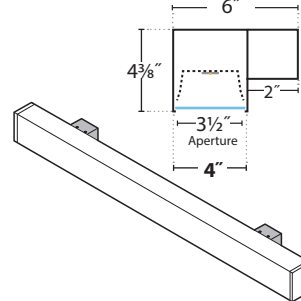
WMU — WALL



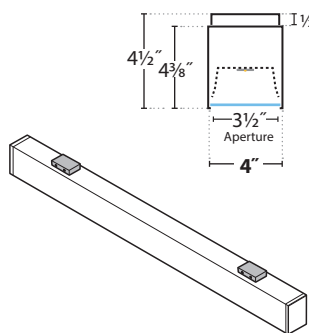
WMU1 — WALL



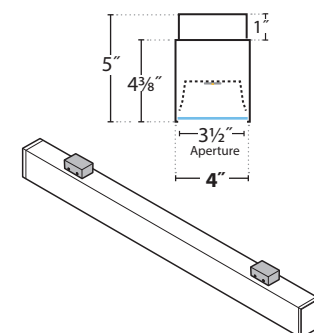
WMU2 — WALL



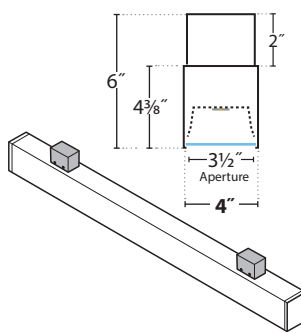
WMU — SURFACE



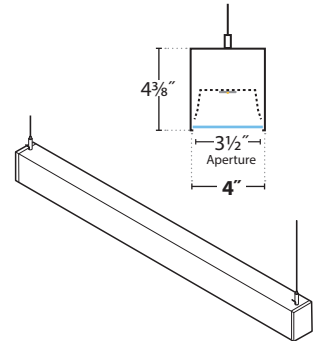
WMU1 — SURFACE



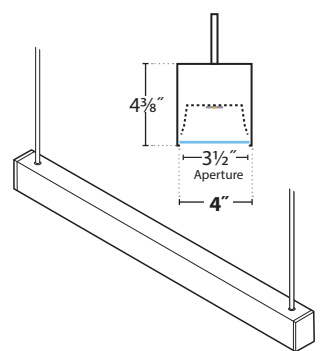
WMU2 — SURFACE



CA — CABLE MOUNT



R/SSC — STEM MOUNT

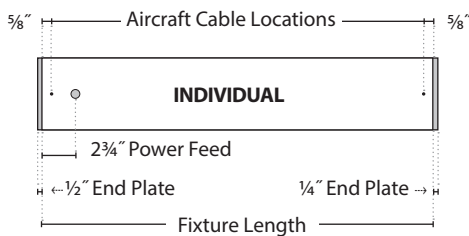
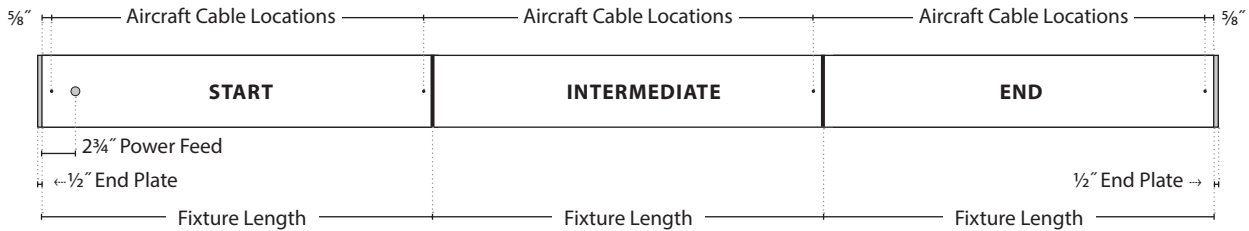




CABLE (CA) — MOUNTING

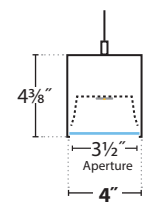
NOTE: 2' ROW FIXTURES NOT AVAILABLE

○ POWER FEED

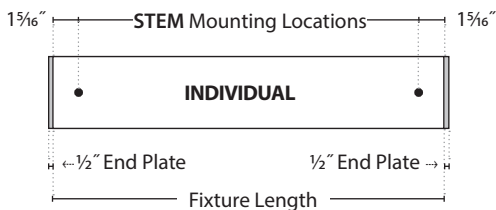
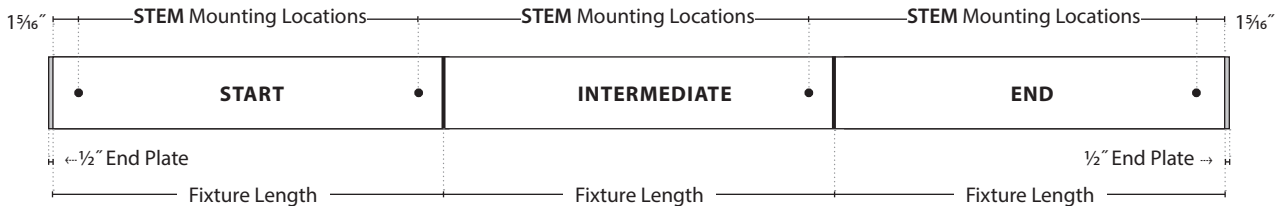


	AIRCRAFT CABLE LOCATIONS		
	All	Start / Individual	Intermediate / End
2'	24"	22 3/4"	24"
3'	36"	34 3/4"	36"
4'	48"	46 3/4"	48"
5'	60"	58 3/4"	60"
6'	72"	70 3/4"	72"
7'	84"	82 3/4"	84"
8'	96"	94 3/4"	96"

CA — CABLE

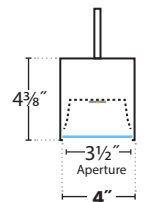


STEM (RSC/SSC) — MOUNTING



	AIRCRAFT CABLE LOCATIONS		
	All	Start / Individual	Intermediate / End
2'	24"	21 3/4"	24"
3'	36"	33 3/4"	36"
4'	48"	45 3/4"	48"
5'	60"	57 3/4"	60"
6'	72"	69 3/4"	72"
7'	84"	81 3/4"	84"
8'	96"	93 3/4"	96"

R/SSC — STEM

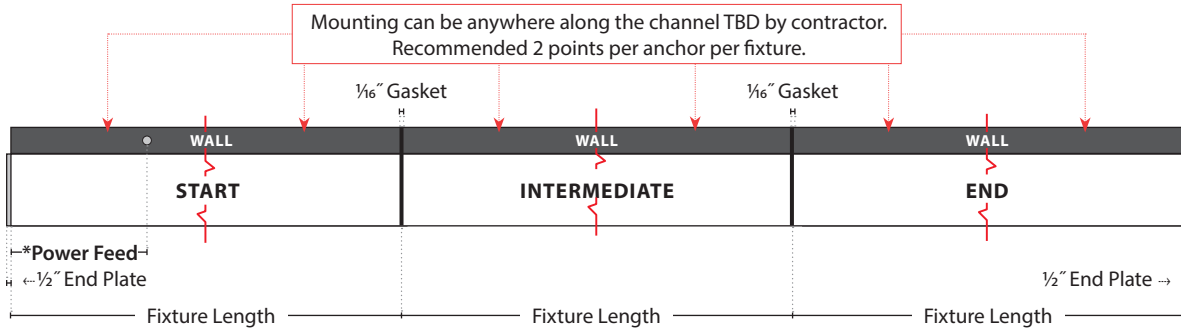




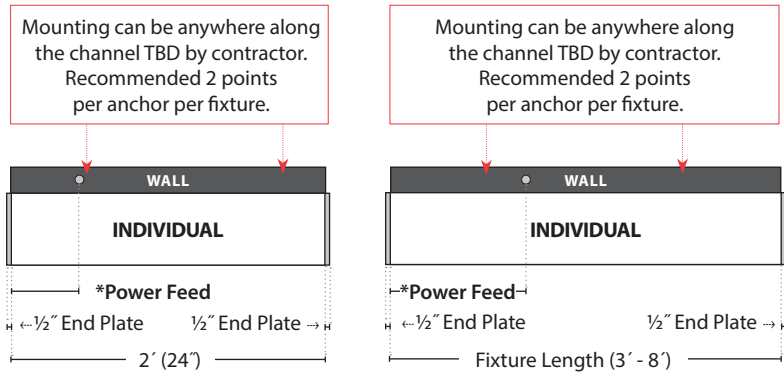
WMC/WMC2 (CHANNELS): WALL — MOUNTING

NOTE: 2' ROW FIXTURES NOT AVAILABLE

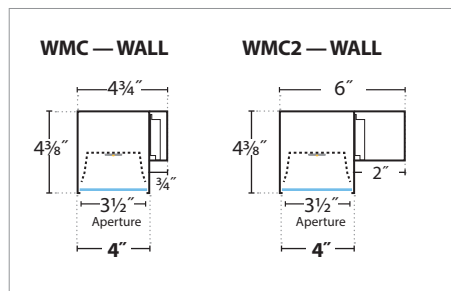
○ POWER FEED



INDIVIDUAL (2'):



	FIXTURE LENGTHS	
	*Power Feed	All
2'	4"	24"
3'	10"	36"
4'	10"	48"
5'	10"	60"
6'	36"	72"
7'	42"	84"
8'	48"	96"

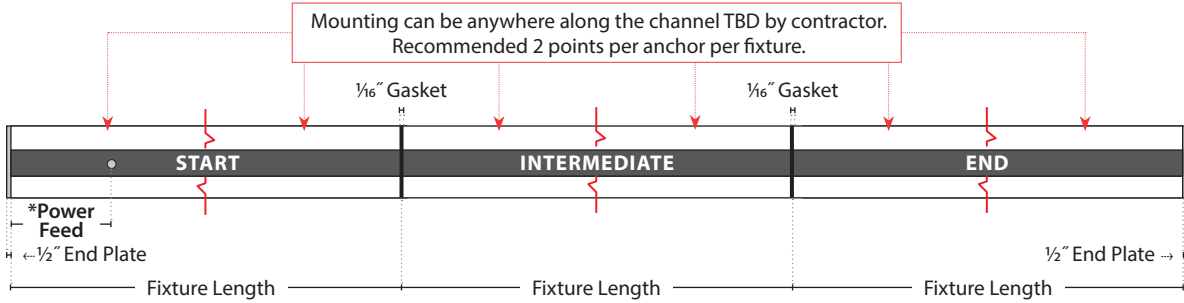




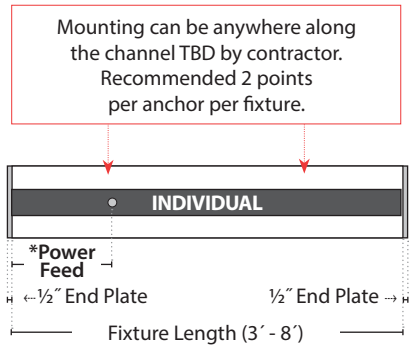
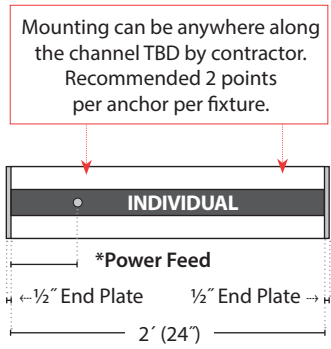
WMC/WMC2 (CHANNELS): SURFACE — MOUNTING

NOTE: 2' ROW FIXTURES NOT AVAILABLE

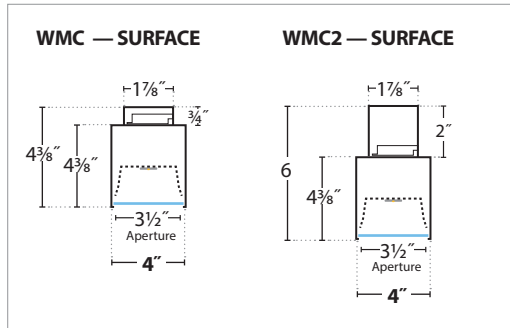
○ POWER FEED



INDIVIDUAL (2')



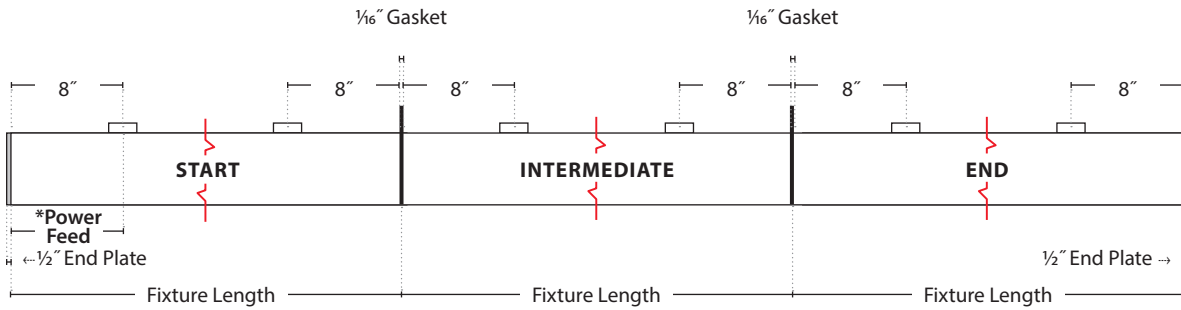
	FIXTURE LENGTHS	
	*Power Feed	All
2'	4"	24"
3'	6"	36"
4'	6"	48"
5'	6"	60"
6'	36"	72"
7'	42"	84"
8'	48"	96"



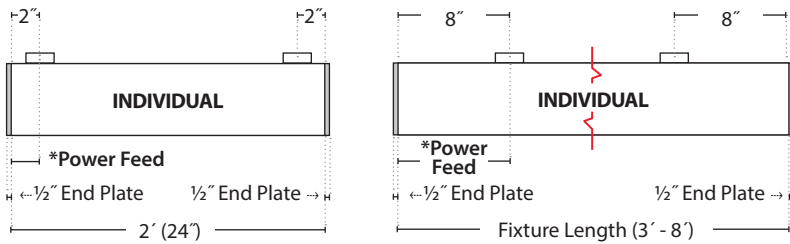


WMU/WMU1/WMU2 (BRACKETS): WALL — MOUNTING

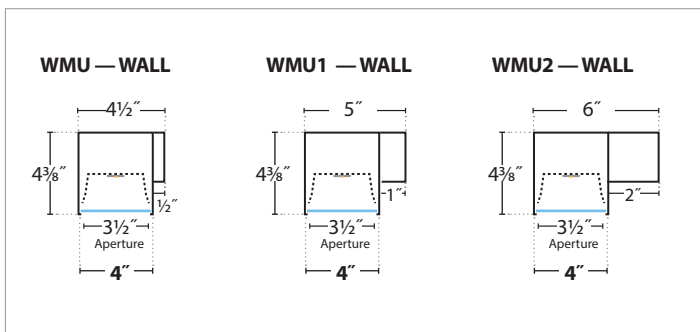
NOTE: 2' ROW FIXTURES NOT AVAILABLE



INDIVIDUAL (2'):



	FIXTURE LENGTHS		MOUNTING LOCATIONS		COS (Custom On-Center Spacing)
	*Power Feed	All	Start / Intermediate / End	Individual	
2'	2"	24"	—	20"	Customer to provide on-center mounting dimensions, PRU will pre-drill and mount Brackets
3'	8"	36"	20"	20"	
4'	8"	48"	32"	32"	
5'	8"	60"	44"	44"	
6'	8"	72"	56"	56"	
7'	8"	84"	68"	68"	
8'	8"	96"	80"	80"	

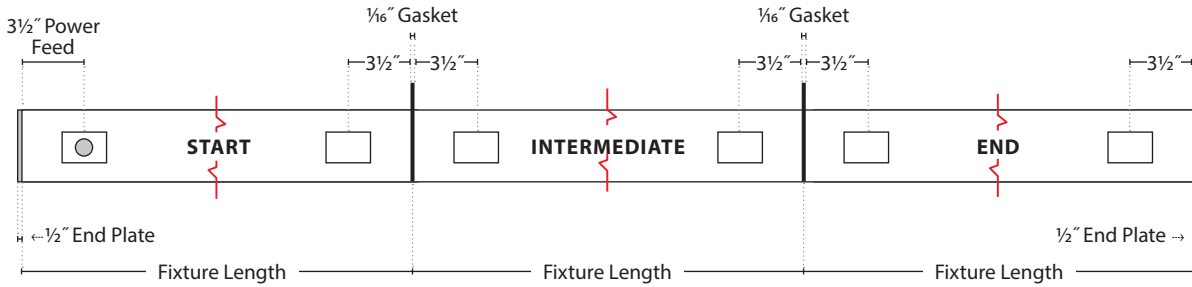




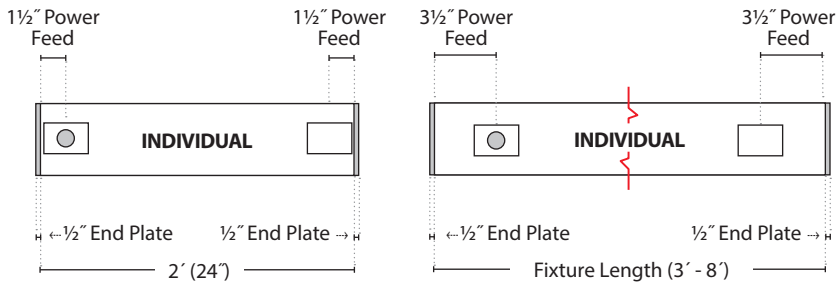
WMU/WMU1/WMU2 (BRACKETS): SURFACE — MOUNTING

NOTE: 2' ROW FIXTURES NOT AVAILABLE

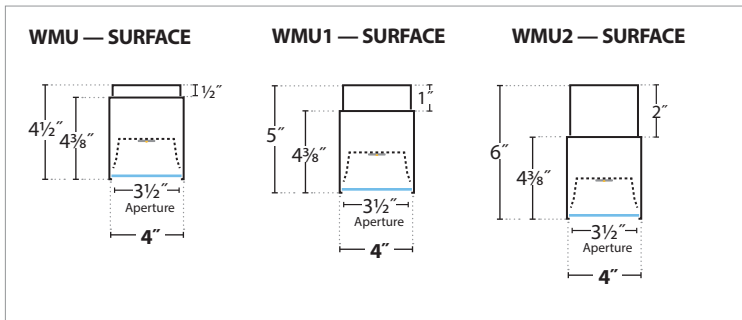
○ POWER FEED



INDIVIDUAL (2'):



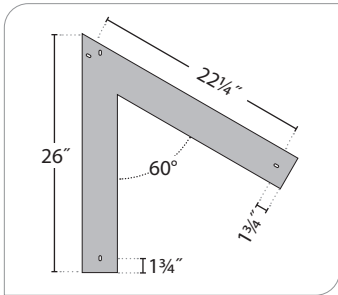
	FIXTURE LENGTHS	MOUNTING LOCATIONS		
	All	Start / Intermediate / End	Individual	COS (Custom On-Center Spacing)
2'	24"	—	21"	Customer to provide on-center mounting dimensions, PRU will pre-drill and mount Brackets
3'	36"	29"	29"	
4'	48"	41"	41"	
5'	60"	53"	53"	
6'	72"	65"	65"	
7'	84"	77"	77"	
8'	96"	89"	89"	



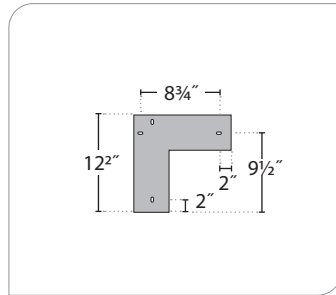


CORNERS

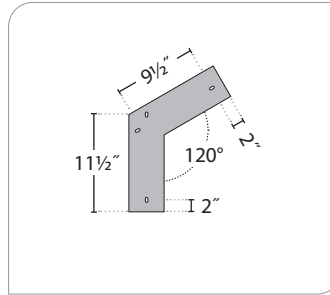
C2-60:



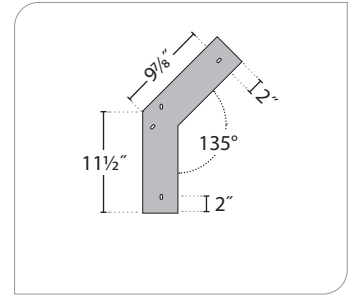
C2-90:



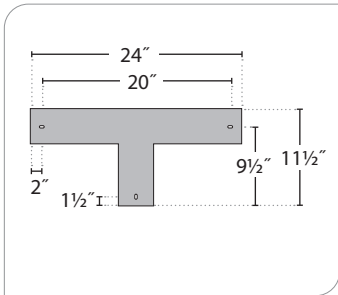
C2-120:



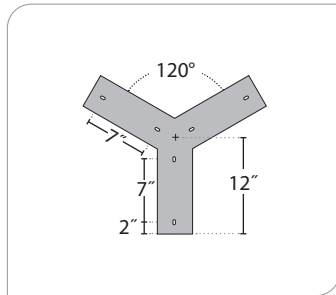
C2-135:



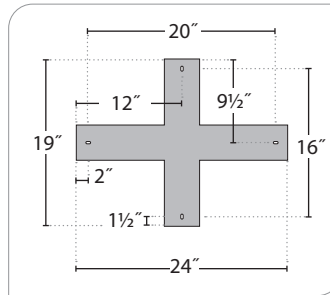
C3T:



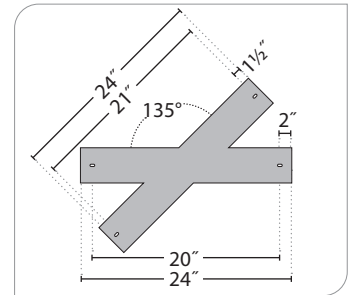
C3Y:



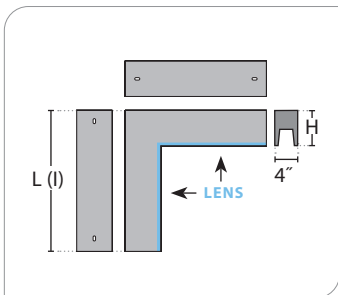
C4T:



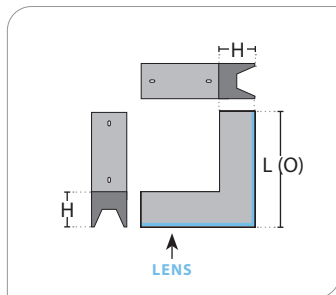
C4X:



C8I:



C8O:



BODY TYPE	DIM "H"	DIM "L" (I)	DIM "L" (O)
Direct Flush	4 3/8"	16 3/8"	12"
Direct Regress	4 7/8"	16 3/8"	12 1/2"
Direct/Indirect Flush	5"	17"	12"
Direct/Indirect Regress	5 1/2"	17"	12 1/2"

SENSOR PLATE



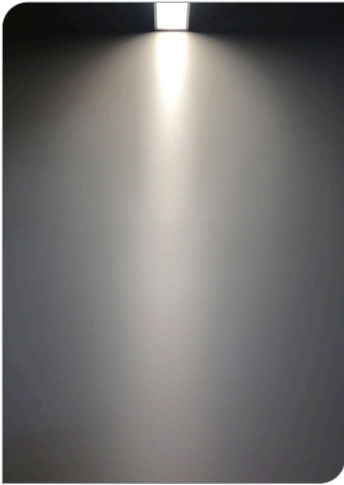
LOUVER DETAIL



90° louver corners available, consult factory for other corners

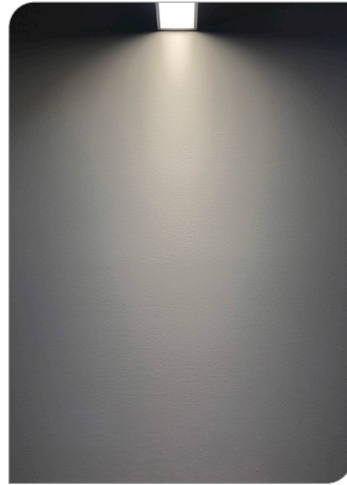


FTR END OF ROW FEATHERING



Wall to wall (WTW) fixtures can project strong lighting distributions on perpendicular wall which some find undesirable.

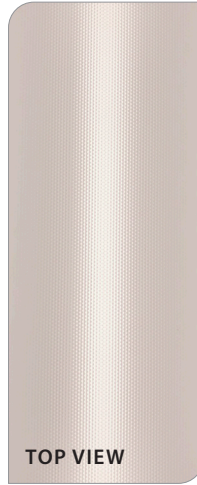
Medium Wall Graze (MGZ) shown above.



Feather (FTR) softens distributions on perpendicular walls.

Medium Wall Graze (MGZ) shown above with FTR.

LGP LOW GLARE PRISMATIC LENS



TOP VIEW



SIDE VIEW

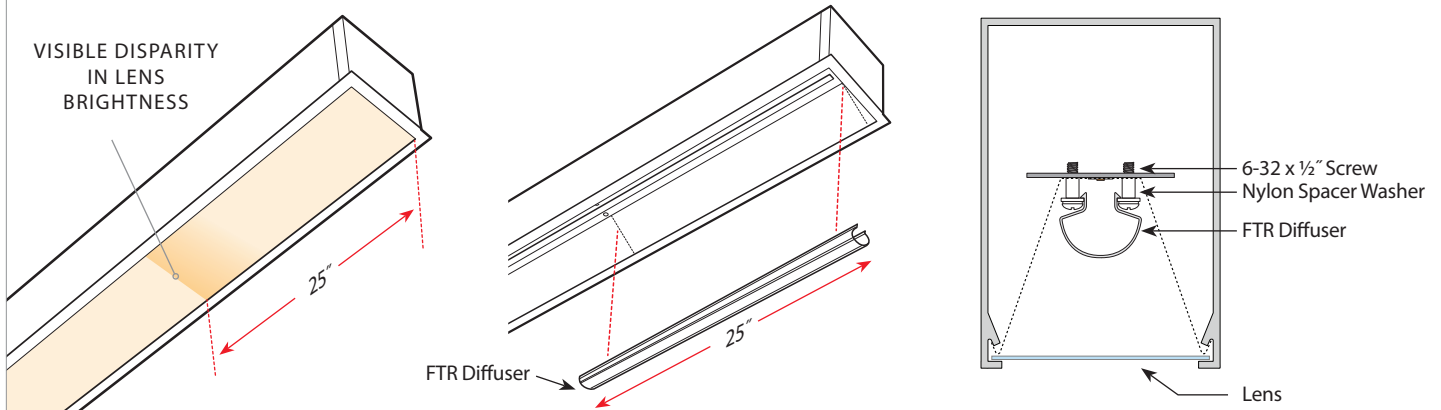
Low Glare Prismatic lens has a dynamic 'prismatic stripe' that 'follows the viewer' and offers a sense of depth. The narrow distribution has low glare (UGR) and meets WELL UGR of 16 or lower. It utilizes the FTR Diffuser (see below).

NOTE: Our Batwing lens also meets WELL UGR of 16 or less (BioPro 3-4-5)



WELL OPTION 1 B,
FIXTURE UGR 16 OR LESS

FTR (FEATHERING DIFFUSER) DETAIL

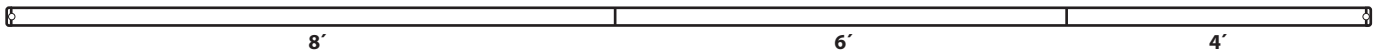


NOTE: Using FTR creates a visible disparity in lens brightness when viewed from directly below. FTR is NOT available dual-sided on two corners 5' or less.

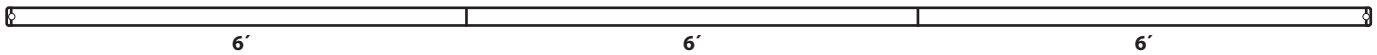


ROW BUILDER

18' STANDARD ROW LENGTH:



18' SYMMETRIC ROW LENGTH (SRL):



STANDARD

ROW LENGTH		
9'	5+4	5FT STR + 4FT END
10'	6+4	6FT STR + 4FT END
11'	7+4	7FT STR + 4FT END
12'	8+4	8FT STR + 4FT END
13'	8+5	8FT STR + 5FT END
14'	8+6	8FT STR + 6FT END
15'	8+7	8FT STR + 7FT END
16'	8+8	8FT STR + 8FT END
17'	8+5+4	8FT STR + 5FT INT + 4FT END
18'	8+6+4	8FT STR + 6FT INT + 4FT END
19'	8+7+4	8FT STR + 7FT INT + 4FT END
20'	8+8+4	8FT STR + 8FT INT + 4FT END
21'	8+8+5	8FT STR + 8FT INT + 5FT END
22'	8+8+6	8FT STR + 8FT INT + 6FT END
23'	8+8+7	8FT STR + 8FT INT + 7FT END
24'	8+8+8	8FT STR + 8FT INT + 8FT END
25'	8+8+5+4	8FT STR + 8FT INT + 5FT INT + 4FT END
26'	8+8+6+4	8FT STR + 8FT INT + 6FT INT + 4FT END
27'	8+8+7+4	8FT STR + 8FT INT + 7FT INT + 4FT END
28'	8+8+8+4	8FT STR + (2) 8FT INT + 4FT END
29'	8+8+8+5	8FT STR + (2) 8FT INT + 5FT END
30'	8+8+8+6	8FT STR + (2) 8FT INT + 6FT END
31'	8+8+8+7	8FT STR + (2) 8FT INT + 7FT END
32'	8+8+8+8	8FT STR + (2) 8FT INT + 8FT END
33'	8+8+8+5+4	8FT STR + (2) 8FT INT + 5FT INT + 4FT END
34'	8+8+8+6+4	8FT STR + (2) 8FT INT + 6FT INT + 4FT END
35'	8+8+8+7+4	8FT STR + (2) 8FT INT + 7FT INT + 4FT END
36'	8+8+8+8+4	8FT STR + (3) 8FT INT + 4FT END
37'	8+8+8+8+5	8FT STR + (3) 8FT INT + 5FT END
38'	8+8+8+8+6	8FT STR + (3) 8FT INT + 6FT END
39'	8+8+8+8+7	8FT STR + (3) 8FT INT + 7FT END
40'	8+8+8+8+8	8FT STR + (3) 8FT INT + 8FT END
41'	8+8+8+8+5+4	8FT STR + (3) 8FT INT + 5FT INT + 4FT END
42'	8+8+8+8+6+4	8FT STR + (3) 8FT INT + 6FT INT + 4FT END
43'	8+8+8+8+7+4	8FT STR + (3) 8FT INT + 7FT INT + 4FT END
44'	8+8+8+8+8+4	8FT STR + (4) 8FT INT + 4FT END
45'	8+8+8+8+8+5	8FT STR + (4) 8FT INT + 5FT END
46'	8+8+8+8+8+6	8FT STR + (4) 8FT INT + 6FT END
47'	8+8+8+8+8+7	8FT STR + (4) 8FT INT + 7FT END
48'	8+8+8+8+8+8	8FT STR + (4) 8FT INT + 8FT END
49'	8+8+8+8+8+5+4	8FT STR + (4) 8FT INT + 5FT INT + 4FT END
50'	8+8+8+8+8+6+4	8FT STR + (4) 8FT INT + 6FT INT + 4FT END

SYMMETRICAL

ROW LENGTH		
9'	3+3+3	3FT STR + 3FT INT + 3FT END
10'	5+5	5FT STR + 5FT END
11'	4+3+4	4FT STR + 3FT INT + 4FT END
12'	6+6	6FT STR + 6FT END
13'	4+5+4	4FT STR + 5FT INT + 4FT END
14'	7+7	7FT STR + 7FT END
15'	5+5+5	5FT STR + 5FT INT + 5FT END
16'	8+8	8FT STR + 8FT END
17'	6+5+6	6FT STR + 5FT INT + 6FT END
18'	6+6+6	6FT STR + 6FT INT + 6FT END
19'	6+7+6	6FT STR + 7FT INT + 6FT END
20'	8+4+8	8FT STR + 4FT INT + 8FT END
21'	8+5+8	8FT STR + 5FT INT + 8FT END
22'	8+6+8	8FT STR + 6FT INT + 8FT END
23'	8+7+8	8FT STR + 7FT INT + 8FT END
24'	8+8+8	8FT STR + 8FT INT + 8FT END
25'	6+4+5+4+6	6FT STR + 4FT INT + 5FT INT + 4FT INT + 6FT END
26'	8+5+5+8	8FT STR + (2) 5FT INT + 8FT END
27'	6+5+5+5+6	6FT STR + (3) 5FT INT + 6FT END
28'	8+6+6+8	8FT STR + (2) 6FT INT + 8FT END
29'	8+4+5+4+8	8FT STR + 4FT INT + 5FT INT + 4FT INT + 8FT END
30'	8+7+7+8	8FT STR + (2) 7FT INT + 8FT END
31'	8+5+5+5+8	8FT STR + (3) 5FT INT + 8FT END
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33'	8+6+5+6+8	8FT STR + 6FT INT + 5FT INT + 6FT INT + 8FT END
34'	8+6+6+6+8	8FT STR + 6FT INT + 6FT INT + 6FT INT + 8FT END
35'	8+6+7+6+8	8FT STR + 6FT INT + 7FT INT + 6FT INT + 8FT END
36'	8+8+4+8+8	8FT STR + 8FT INT + 4FT INT + 8FT INT + 8FT END
37'	8+8+5+8+8	8FT STR + 8FT INT + 5FT INT + 8FT INT + 8FT END
38'	8+8+6+8+8	8FT STR + 8FT INT + 6FT INT + 8FT INT + 8FT END
39'	8+8+7+8+8	8FT STR + 8FT INT + 7FT INT + 8FT INT + 8FT END
40'	8+8+8+8+8	8FT STR + (3) 8FT INT + 8FT END
41'	8+6+4+5+4+6+8	8FT STR + 6FT INT + 4FT INT + 5FT INT + 4FT INT + 6FT INT + 8FT END
42'	8+8+5+5+8+8	8FT STR + 8FT INT + (2) 5FT INT + 8FT INT + 8FT END
43'	8+6+5+5+5+6+8	8FT STR + 6FT INT + (3) 5FT INT + 6FT INT + 8FT END
44'	8+8+6+6+8+8	8FT STR + 8FT INT + (2) 6FT INT + 8FT INT + 8FT END
45'	8+8+4+5+4+8+8	8FT STR + 8FT INT + 4FT INT + 5FT INT + 4FT INT + 8FT INT + 8FT END
46'	8+8+7+7+8+8	8FT STR + 8FT INT + (2) 7FT INT + 8FT INT + 8FT END
47'	8+8+5+5+5+8+8	8FT STR + 8FT INT + (3) 5FT INT + 8FT INT + 8FT END
48'	8+8+8+8+8+8	8FT STR + (4) 8FT INT + 8FT END
49'	8+8+6+5+6+8+8	8FT STR + 8FT INT + 6FT INT + 5FT INT + 6FT INT + 8FT INT + 8FT END
50'	8+8+6+6+6+8+8	8FT STR + 8FT INT + (3) 6FT INT + 8FT INT + 8FT END

BionicPro4 Batwing Vs. Top 4" Competitor (Satin Lens)

SINGLE OFFICE

BionicPro4

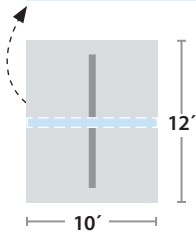


Top Competitor



28 32 35 34 30 | 30 33 34 32 28

22 28 36 44 52 | 52 44 36 28 22



	BionicPro4	Competitor
LPW	127	113
SPACING CRITERIA	1.9	1.2
MAX/MIN	1.6	2.6
W/SQ. FT.	.38	.4
FC AVERAGE	27	29

9' ceiling .85 l/f BionicPro4—5.7w/ft Competitor—6w/ft Footcandles at 30" working plane

OPEN OFFICE

BionicPro4

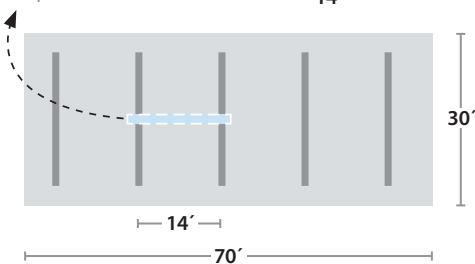


Top Competitor



41 45 48 48 46 42 39 38 39 42 45 48 48 44 41

75 67 58 48 39 33 29 28 29 33 39 48 58 67 75



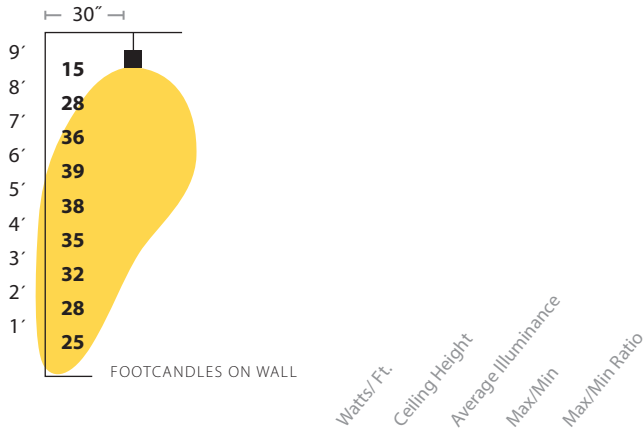
	BionicPro4	Competitor
LPW	127	117
SPACING CRITERIA	1.9	1.2
MAX/MIN	2.0	4.5
MAX/MIN BETWEEN ROWS	1.2	2.7
W/SQ. FT.	.36	.38
FC AVERAGE	36	37

9' ceiling .85 l/f BionicPro4—5.7w/ft Competitor—6w/ft Footcandles at 30" working plane



Smooth, Flat Wall Washing (WWF)

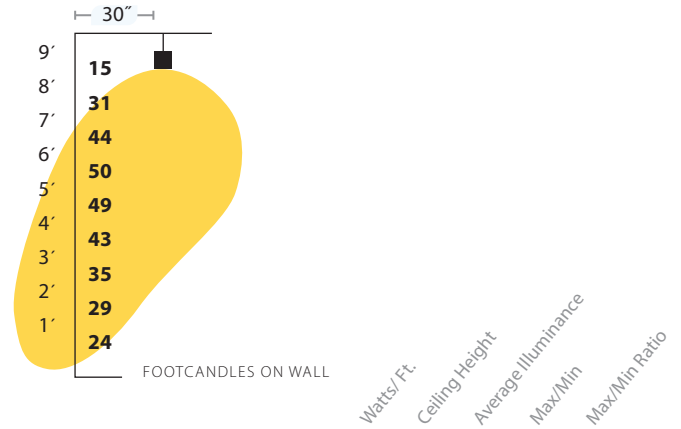
Our patent-pending TruBeam™ optics redirect light in an ideal flat wall wash for smooth, even illumination.



Medium Output 700 lumens/ft	6	9'	31 fc	39/15	2.6
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Focal Glow Wall Washing (WWG)

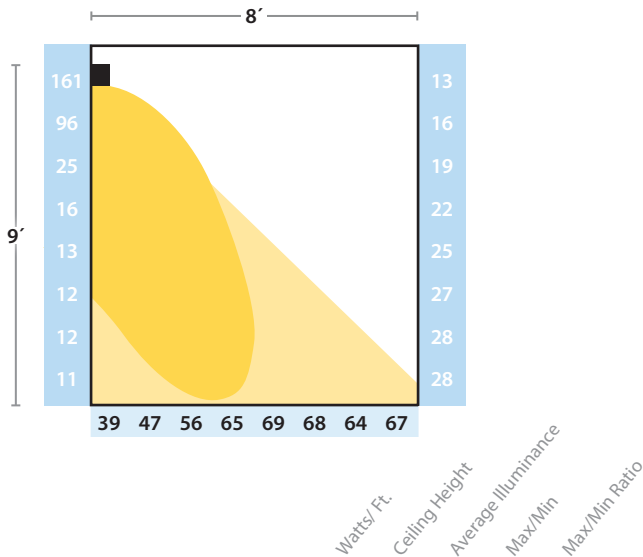
Pique interest by giving works of art 'pop' — more light at eye level



Medium Output 700 lumens/ft	6	9'	36 fc	50/15	3.3
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Perimeter Fill (PFL)

Wash a corridor in light from one side of the perimeter. Our Perimeter Fill is ideal for hospital corridors where a 50 fc average is needed.

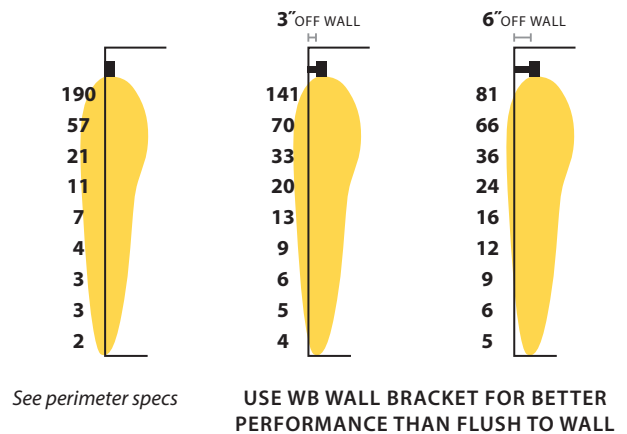


High Output 1225 lumens/ft	1	10'	64 fc	70/57	1.2
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Medium Wall Graze (MGZ)

Wall grazing performance often better just off a wall.

DIRECT TO WALL (WM) WALL BRACKET (WB)

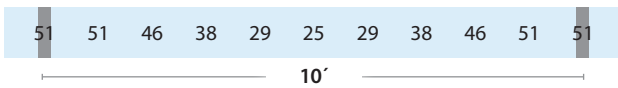
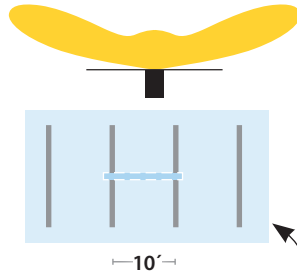




Hard Ceiling Wash (HCW)

OPEN OFFICE/CLASSROOM

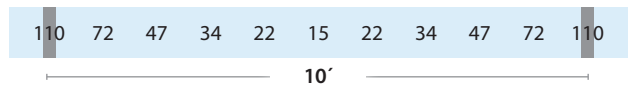
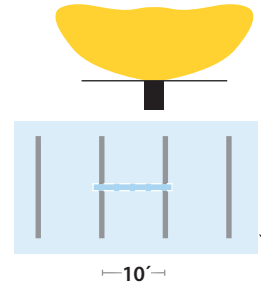
Hung 18" below ceiling



Medium Ceiling Wash (MCW)

SINGLE OFFICE OR OTHER SMALL CEILING

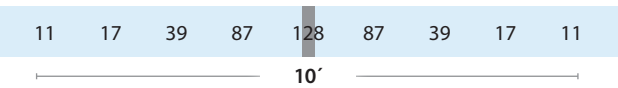
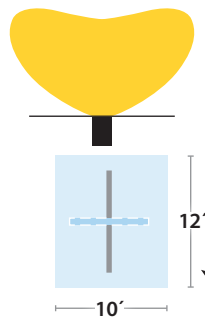
Hung 18" below ceiling



Soft Ceiling Wash (SCW)

SINGLE OFFICE OR OTHER SMALL CEILING

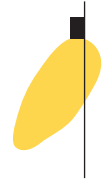
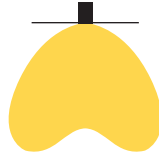
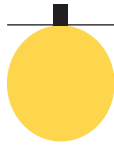
Hung 18" below ceiling





BionicPro to Bionic/P23-43 Optics Crossing Matrix

DOWNLIGHT:



	Satin	Batwing	Flat Wall Wash	Focal Glow Wall Wash	Perimeter Fill
BionicPro	SAL	BTW	WWF	WWG	PFL
Bio2 / P23 = BionicPro3	SAL	MBW	MWW/D1W	—	MWW/D1R
Bionic4 / P43 = BionicPro4	SAL	ABW/D1X	—	AWL/D1W	AWL/D1R

WWG = PFL
Lens aimed away from wall

UPLIGHT:



	Symmetric	Hard Ceiling Wash	Medium Ceiling Wash	Soft Ceiling Wash	Asymmetric Ceiling Wash
BionicPro	SYM	HCW NA BionicPro2	MCW	SCW	SACW
Bio2 / P23 = BionicPro3	SYM	CW	CW	—	ACW
Bionic4 / P43 = BionicPro4	SYM	CW	CW	—	—



WIRING DIAGRAMS
SPEC



PRUDENTIAL LTG.

PRULITE.COM 213.746.0360

Lumen Outputs:

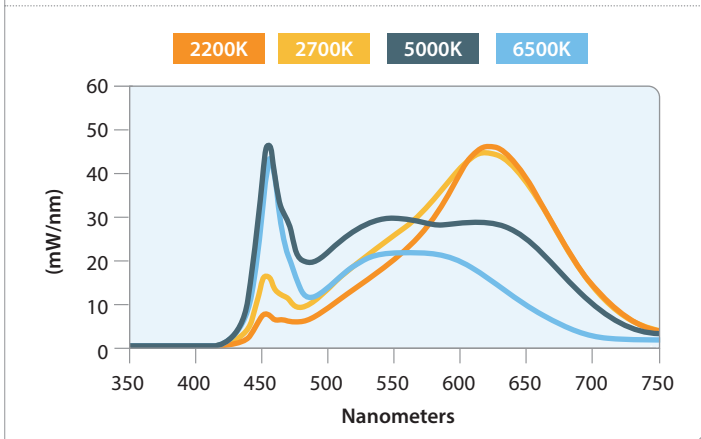
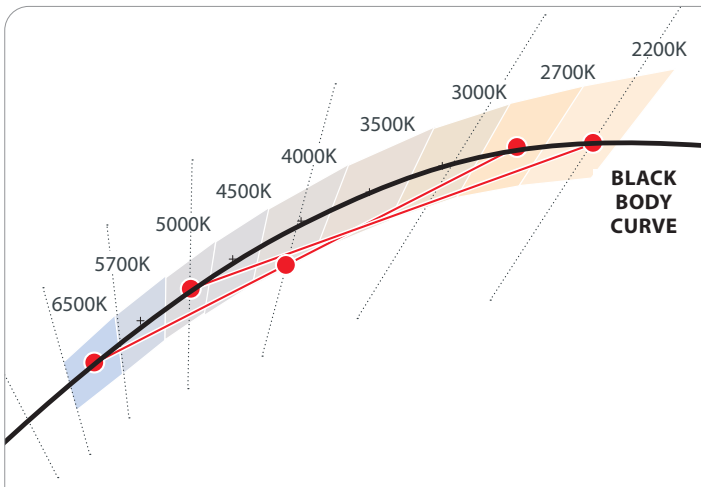
		BLUHUE, TUHUE, TUHUE2, AMBERHUE			
DIRECT:		LO	MO	SO	HO*
SAL	Lm/Ft	205	385	550	715
BTW / WWG / PFL	Lm/Ft	215	395	565	730
LGP / WWF / MGZ	Lm/Ft	225	405	580	750
	W/Ft	3.8	5.6	7.8	10.5
INDIRECT:		LO	MO	SO	HO*
SYM	Lm/Ft	360	480	630	800
HCW	Lm/Ft	150	300	450	575
SCW	Lm/Ft	350	525	700	870
SACW	Lm/Ft	300	450	600	720
	W/Ft	3.8	5.6	7.8	10.5

** TU2 + AMB NOT AVAILABLE HO / CHROMAHUE ONLY AVAILABLE ON HO



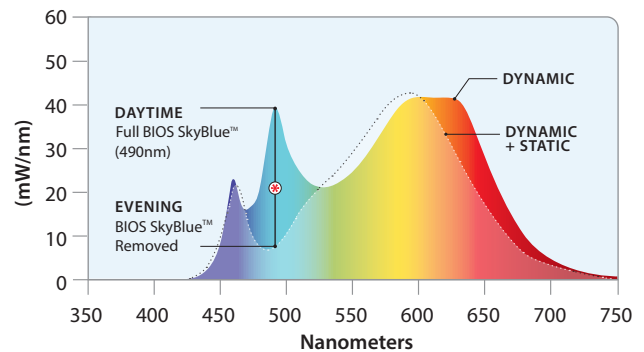
Prudential Lighting's **TuHue** Tunable White provides warm to cool white light simulating sunlight. Controlling the light source color temperature offers differing design aesthetics with potential benefits via circadian rhythm support. Blue light for alertness while warm light conveys tranquility.

- 2700K-6500K or 2200K-5000K.
- Adjust the color temperate and brightness separately.
- Simulates warm to cool to warm transition of sunlight.



BluHue BIOS SkyBlue™ circadian LED lighting brings the benefits of blue skies inside. Newly discovered blue-sky receptors in our eyes drive improved daytime alertness, mood, brain function, and strengthens circadian rhythms leading to overall better health and well-being.

- Circadian rhythms play an integral role in physical and mental health.
- BluHue BIOS SkyBlue pinpoints peak 490nm sensitivity to provide the most benefit from an electric light source.
- At night, simply dim the lights to remove SkyBlue™ wavelengths (specify "Blu_D" to dim Cyan SkyBlue spike separately [night mode]).



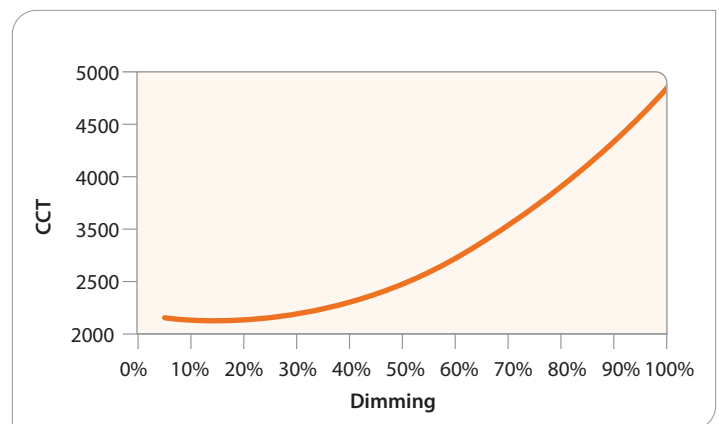
DYNAMIC Ⓞ
SkyBlue™ Dims
100%-0%
Ⓞ Dynamic dimming results
in subtle CCT shift warmer

DYNAMIC + STATIC
Light Dims
100%-0%



AmberHue is Prudential Lighting's Warm Dim offering. It transitions bright white light to warm amber light as brightness is dimmed, reflecting sunlight's transitioning from intense blue midday light to a dimmed golden hue near sunset, also reminiscent of soft glowing candlelight.

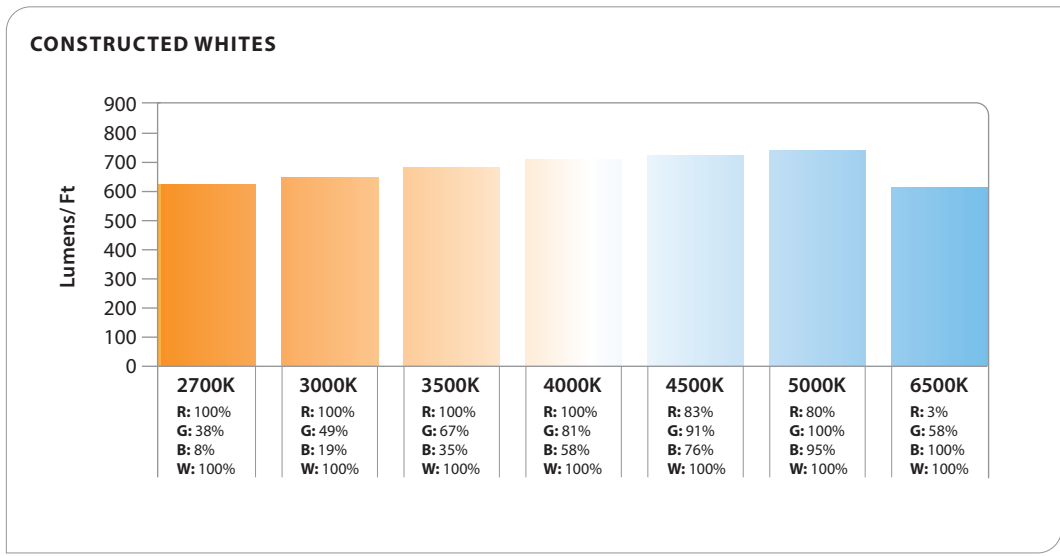
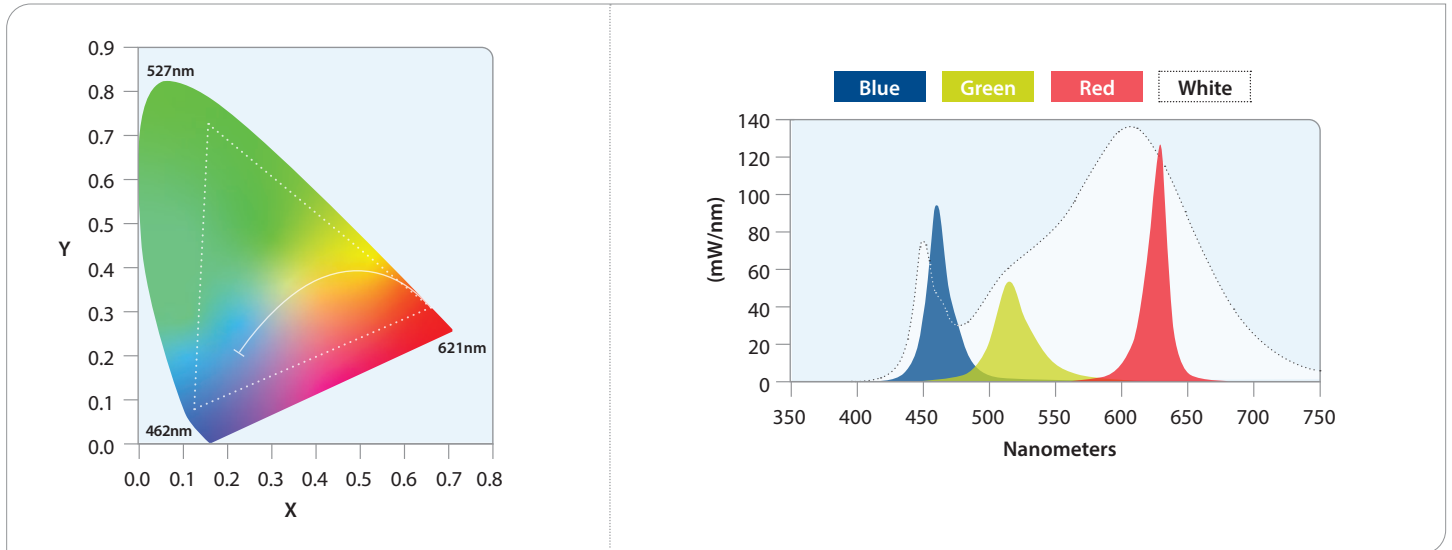
- Warm Dim 2200K-5000K.
- Color temperature warms as the luminaire is dimmed.
- Calm, relaxing mood communicated – hospitality, residential feel.





ChromaHue offers a vibrant full gamut of colors for seemingly endless architectural interior applications. Rich color-changing light offers tremendous design flexibility while white light can be achieved with the White chip, or mixing of Red, Green and Blue light. No longer just for the entertainment industry, ChromaHue can be intermixed on BionicPro luminaires for mood-creating indirect illumination combined with static white direct light.

- RGBW LED array (Red, Green, Blue, White) with full spectrum color and white light on the black body curve.
- Four-channel control, DMX drivers.
- Any color point within the triangle can be reached by setting the proper output levels for each individual red, green, blue and white channels.
- Standard DMX is one zone with one XLR drop at start, one XLR return at the end.





LM79 & TM30 DATA:

	MEASURED CCT	MEASURED LUMENS	CRI	R9	DuV	SPD	TM30 — COLOR VECTOR	TM30 — COLOR DISTORTION
LED27	2680	80%	93	58	0.001		 89 Rf	 97 Rg
LED3	3042	95%	82	6	0.001		 81 Rf	 92 Rg
LED3-90	3016	85%	93	61	0.000		 88 Rf	 96 Rg
LED35	3482	100%	82	3	0.002		 81 Rf	 92 Rg
LED35-90	3417	85%	93	67	0.000		 88 Rf	 96 Rg
LED4	3952	102%	82	4	0.003		 81 Rf	 92 Rg
LED4-90	3882	85%	92	67	0.003		 87 Rf	 96 Rg
LED5-90	4889	85%	94	84	0.002		 86 Rf	 95 Rg












LM79 & TM30 DATA:

		MEASURED CCT	MEASURED LUMENS	CRI	R9	LED27	SPD	TM30 — COLOR VECTOR
BH3S&D	bioS 3000K	2779	2758	87	81	0.003		
	BH3D SKY BLUE DIMMED	2715	2425	82	3	0.002		
BH35S&D	bioS 3500K	3245	2919	85	87	0.003		
	BH35D SKY BLUE DIMMED	3061	2502	83	7	0.001		
BH4&D	bioS 4000K	3624	2993	85	86	0.004		
	BH4D SKY BLUE DIMMED	3388	2585	83	5	0.002		
TH	LED27	2684	2456	92	57	0.0001		
	LED65	6061	3292	82	-1	0.006		
TH2	LED22	2209	2112	92	52	0.0005		
	LED50	4796	2789	93	77	0.004		
CH	2700K	2632	2469	82	50	0.003		
	3500K	3388	2585	83	5	0.002		
	4000K	3977	2682	83	29	0.003		
	5000K	5233	2823	84	21	0.003		



SENSORS

				
<p>205: Wattstopper</p>	<p>LVOC: Lutron Occupancy /Daylight Sensor</p>	<p>LVRF: Lutron Vive Control Node</p>	<p>NXSMP: Hubbell Occupancy /Daylight Sensor</p>	<p>ATHENA</p>
<p>Low voltage PIR fixture integrated occupancy sensor.</p>	<p>Measures light in the space (daylighting) while detecting people moving within an area using passive infrared to determine occupancy.</p> <p>Controls the lights to balance the light level in the space, combining convenience, exceptional energy savings, and ease of installation.</p>	<p>Provides wireless control of the fixture when neither occupancy nor daylight sensing is needed.</p>	<p>Hubbell Integrated/embedded networked lighting control, luminaire-level lighting control, LLLC.</p> <p>PIR motion sensor for automatic On/Off control.</p> <p>Integrated daylight sensor for daylight harvesting and/or lumen maintenance.</p> <p>Bluetooth radio provides wireless control of luminaire.</p> <p>Simple plug-in connection to NX Fixture Modules.</p> <p>Wireless Internet.</p>	<p>The Athena wireless node is a radio frequency (RF) device that enables simple, digital control of individual light fixtures in an Athena control system.</p> <p>The small size and compatibility with a wide variety of drivers allow for seamless integration with common commercial lighting fixtures from any manufacturer.</p> <p>Requires drivers with auxiliary power, consult factory for lead times</p>

			
<p>NLT-AIR-rIO: Daylight+Occ</p>	<p>NLT-AIR-ADCX: Daylight+(PIR Acoustic) Occ</p>	<p>NLT-WIRED-nIO: Daylight+Occ</p>	<p>NLT-WIRED-ADCX: Daylight+(PIR Acoustic) Occ</p>
<p>The rIO is a fixture embedded low voltage wireless nLight AIR device capable of individual fixture control and analog or digital dimming. This smart device results in the luminaire being “nLight AIR-enabled” — making it an addressable nLight AIR device. It uses a 900MHz radio to communicate with other nLight AIR devices, such as occupancy sensors, photocells, wall switches, powerpacks and other nLight AIR-enabled luminaires. This allows for advanced operation and design flexibility ranging from stand-alone rooms to building and campus-wide networks.</p>	<p>The nLight® AIR rES7 sensor is an in-fixture, low voltage, digital sensor providing embedded wireless lighting control, analog or digital dimming, occupancy detection and daylight harvesting capabilities.</p> <p>The rES7 is designed for mounting heights up to 20 ft in indoor luminaires. The rES7 sensor provides Passive Infrared (PIR) occupancy detection over a 15-20 ft (4.57 - 6.10 m) radial coverage pattern and photocell light level detection in one compact low profile design with optional Dual Technology, which adds Microphonics™ to PIR detection. The rES7 sensor is ideal for occupancy and daylighting control in suspended or recessed luminaires.</p>	<p>nLight digital nIO modules are low voltage control devices that enable digital control of LEDcode enabled eldoLED LED drivers. Through eldoLED's bi-directional 2-wire interface, these modules deliver natural, flicker-free high performance dimming while eliminating common issues related to 0-10 VDC alternatives. The modules also enable the eldoLED LED Drivers to be addressable, as well as capable of digitally communicating with other nLight controls such as occupancy sensors, photocells, and WallPods. This allows for advanced operation and design flexibility ranging from stand-alone rooms to building and campus-wide networks.</p>	<p>The nES7 is a small passive infrared occupancy sensor designed to be easily embedded into luminaires. This sensor provides excellent line of sight 360° PIR detection of small motion and walking motion. The nES7 is ideal for small rooms without obstructions or areas with primarily walking motion (e.g. corridors, library stacks). Additionally, an optional integrated photocell enables daylight harvesting control as well. Typically one or more nES7 sensors are paired with an nLight controller within an nLight enabled luminaire.</p> <p>For rooms like classrooms and private offices or any space with obstructions, the nES PDT 7 dual technology sensor is recommended.</p>