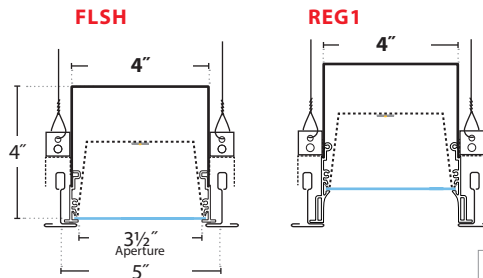
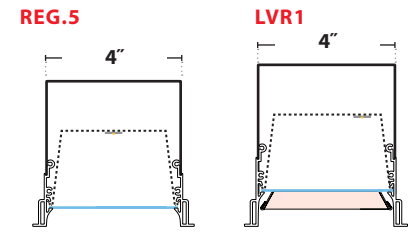




T-BAR — X1, X1M, X1T, X2, X6, X9



HARD CEILING — X3, X, X11



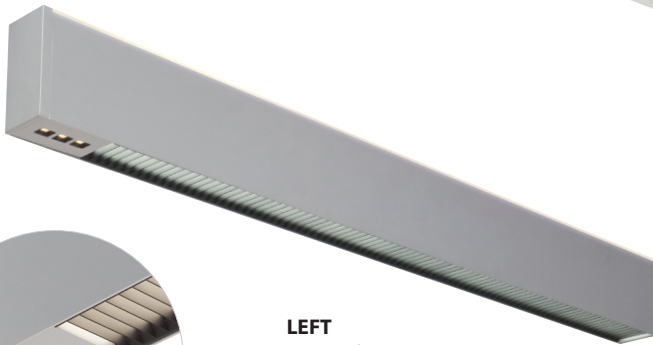
Lumen output may vary +/- 5%
Light Loss Factor (LLF) for CCTs other than 3500K:
 4000K +2%, 3000K -5%, 2700K -20%
 90 CRI -15% (3K, 3500K, 4K & 5K)
 ADC -2% LLF
 Louver LLF 30% White, 50% Silver, 70% Black

FLSH:	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

LUMEN CHART AT 3500K-80 CRI
 SEE PAGE 5-6 FOR REGRESS



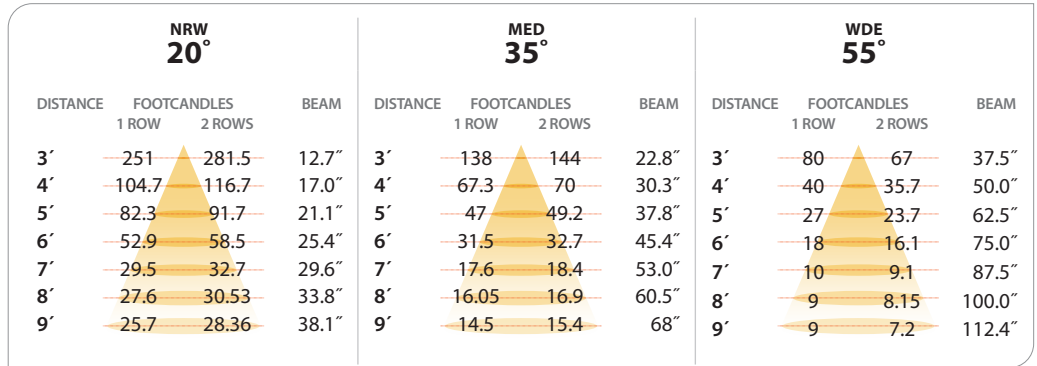
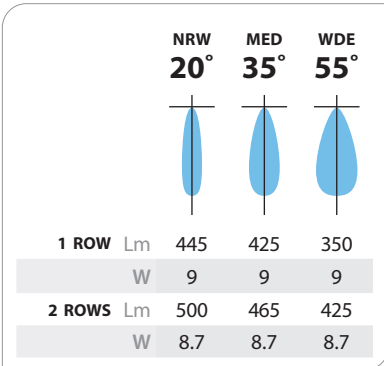
SE-RIES	LENS POS.	LED COLOR	OUT-PUT	NOMINAL LENGTH	TRIM COLOR	LOUVER COLOR	DISTRIBUTION	MOUNTING	CIRCUITING	VOLT-AGE	CEILING SYSTEMS	DRIVERS	OPTIONS, CONTROL SENSORS & CORNERS
BPRO4-REC									SC				
BionicPro 4" Slot	FLSH Flush Lens LVR Louver Flush REG.5 1/2" Re-gress LVR1 Louver 1/2" Re-gress REG1 1" Re-gress LVR3* Louver 1 1/2" Re-gress REG3* 3" Re-gress	LED27 2700K (90CRI) LED3 3000K LED4 4000K LED35-90 3500K (90CRI) LED4-90 4000K (90CRI) LED5-90 5000K (90CRI)	LO Low MO Me-dium SO Stan-dard HO High (Non-IC rated, consult fac-tory for EMHE)	2' 3' 4' 5' 6' 7' 8' R (Row Length, 1/8" incre-ments)	TMW Tex-tured Matte White (Standard) YGW Gloss White Y Premium Color CC Custom Color LUXE METAL-LICS: YBZ Bronze YCP Copper Penny YGN Gold Nug-get	SKIP COL-UMN IF LOUVER IS NOT NEEDED TMW Textured Matte White YGW Gloss White Y Premium Color YBK Black Matte YCP Copper Penny YGN Gold Nug-get LUXE METAL-LICS: YBZ Bronze YCP Copper Penny YGN Gold Nug-get	SAL Satin Lens BTW** Batwing WWF** Flat Wall Wash WWG** Focal Glow Wall Wash NGZ Narrow Wall Graze MGZ Me-dium Wall Graze WGZ Wide Wall Graze LGP Low Glare Prismatic (NA HO) PFL** Perimeter Room Fill ** NA Reg3 /Lvr3	LP Light Pocket WTW Wall to Wall See page 8 for details All non nominal lengths require FIELD CUTTABLE filler fixture at end of row	SC Single Circuit	UNV (120-277) NA with EMHE Emergency 120 277 347 (Emergency battery requires a Step Down transformer and remote box)	X1 T-Bar 1 5/16" X1M T-Bar 9/16" X1T 1 5/16" T-Bar Tegular X2 Dimensional T-Bar Arm-strong Inter-lude®, Tegular X3 Hard Ceiling (Flange Trim) X6 Slot Grid, Tegular X7 Mud-Over Flange X9** Finished Extruded Side (Grid Ceiling) X11** Finished Extruded Side (Ceilings needing nominal lengths)	ND Non-Dimming DM01 0-10v, 1% Dimming 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) 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 HUES: E10V 2 Channel Color Control EDALI 2 Channel Color Control EDMX ChromaHue or Static White NOTE: May require Insulation Detector (ID), see page 6	EMHE† Emergency Battery (800 Delivered lumens, CA Title 20 compliant, 4" or < Remote) ETS-DR† Iota ETS-DR Emergency Transfer Switch † Adds 1 1/2" height, see page 6 EMC Emergency Circuiting FTR Feather WTW Asymmetric on Perpendicular Wall (See page 9, NA HO or LGP) IDSM Insulation Detector Side Mount (for plenums <6" where fixtures are non-IC rated) CP Chicago Plenum OMB Overhead Mounting Bracket (X3, X7 and X9 optional installation — 2x per fixture) SENSORS: (See Page 22) 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 Hubbell (Occ) rES7 Daylight+(PIR Acoustic) (Occ) (nLight-Air) Part Number: rES7-PDT-180D-G2 nES7 Daylight+(PIR Acoustic) (Occ) (nLight-Wired) Part Number: nES-PDT-ADCX LUX Philips DLR
		STATIC: BLU3S BLU35S BLU4S DYNAMIC: BLU3D* BLU35D* BLU4D* * Dynamic BIOS, Sky/Blue 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 ** NA HO CHR Chroma-Hue RGBW (DMX at HO only)	NOTE: Individual fixtures are NOT intended for row mounting. Requires field-cut filler fixture at end of row NOTE: Consult factory for High Output (HO)		NOTE: All distributions available with Louvers							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 90° LOUVERS AVAILABLE (CONSULT FACTORY FOR OTHER ANGLES) LRT Linear to Recessed Transition NOTE: Corners currently NA with Louvers, consult factory DWNLT Downlights (See page 2)	C4T Lit 90° 4-Way: + C4X Lit 45°-135° 4-Way: X C8I Lit Inside 2-Plane C8O Lit Outside 2-Plane



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



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



SERIES	QUANTITY	LOCATION	CCT	DISTRIBU-TION	COLOR	VOLTAGE	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)



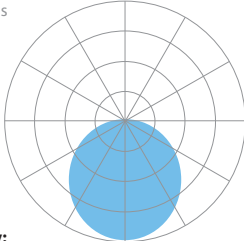
FLSH:

SATIN LENS

Medium Output:

BPRO4-REC-FLSH-LED35-MO-SAL

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



Zonal Lumen Summary: 0-90 = 100%

986

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

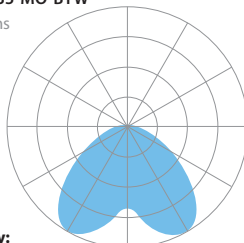
BATWING

UGR16
WELL Building Standard

Medium Output:

BPRO4-REC-FLSH-LED35-MO-BTW

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



Zonal Lumen Summary: 0-90 = 100%

721

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

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 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 trim and side wall >25% PC recycled, 100% recyclable.
20-gauge steel top housing >20% PC recycled, 100% recyclable.

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

Weight 4.5 lbs / ft.

MOUNTING Recessed into drywall or t-bar ceilings.

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



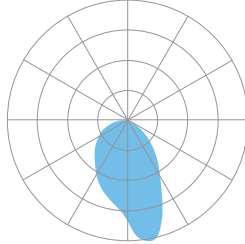
FLSH:

FLAT WALL WASH

Standard Output:

BPRO4-FLSH-LED35-LO-4-WWF

2056 Delivered Lumens
15.37 Watts
134 lm/w
3500 CCT



1321

Zonal Lumen Summary:

0-90 = 100%

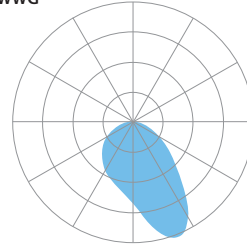
WALL SIDE	Vertical Angle	0°	25°	45°	65°	90°
	90°	0	0	0	0	0
85°	22	23	25	27	28	
75°	75	82	91	96	93	
65°	135	159	181	201	185	
55°	224	274	316	393	346	
45°	372	457	526	668	533	
35°	625	736	821	944	670	
25°	967	1070	1140	1095	763	
15°	1321	1297	1257	1058	828	
5°	1065	1027	992	930	862	
0°	863	863	863	863	863	
ROOM SIDE	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

Low Output:

BPRO4-FLSH-LED35-LO-4-WWG

1989 Delivered Lumens
15 Watts
132 lm/w
3500 CCT



1059

Zonal Lumen Summary:

0-90 = 100%

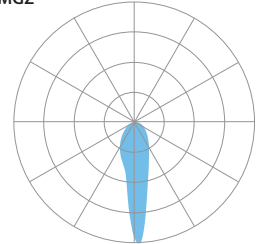
WALL SIDE	Vertical Angle	0°	25°	45°	65°	90°
	90°	0	0	0	0	0
85°	23	24	28	30	30	
75°	77	81	103	108	96	
65°	153	165	225	224	166	
55°	278	309	437	416	256	
45°	513	574	756	629	370	
35°	946	998	1014	746	487	
25°	1205	1165	1006	794	600	
15°	1022	997	910	810	693	
5°	844	836	810	779	739	
0°	747	747	747	747	747	
ROOM SIDE	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



2339

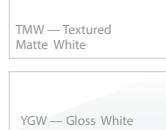
Zonal Lumen Summary:

0-90 = 100%

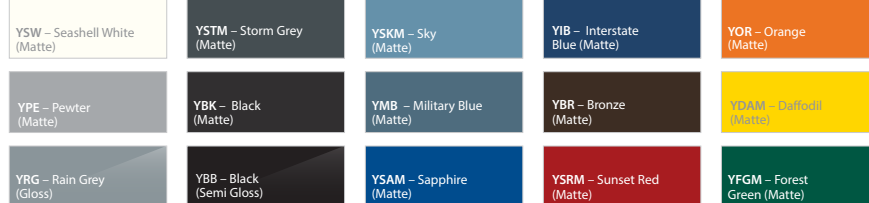
WALL SIDE	Vertical Angle	0°	25°	45°	65°	90°
	90°	0	0	0	0	0
85°	32	32	26	25	27	
75°	106	101	84	89	93	
65°	175	162	148	179	189	
55°	219	213	226	311	380	
45°	274	282	315	471	722	
35°	358	371	413	663	1225	
25°	460	476	554	998	1782	
15°	662	724	961	1627	2172	
5°	1838	1951	2116	2338	2335	
0°	2339	2339	2339	2339	2339	
ROOM SIDE	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°	

FINISH COLORS

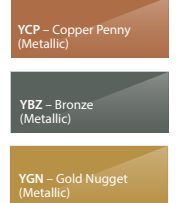
STANDARD:



PREMIUM:



LUXE METALLICS:



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

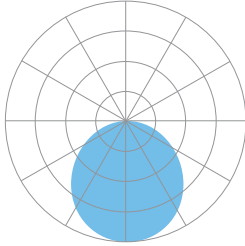


REG.5:

SATIN LENS

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

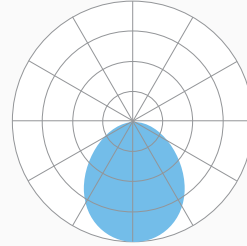
3683 Delivered Lumens
31 Watts
118 Lm/W
3500 CCT



REG.1:

STANDARD OUTPUT:
BPRO4-REG1-LED35-SO-4-SAL

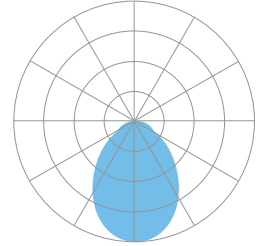
3560 Delivered Lumens
31 Watts
115 Lm/W
3500 CCT



REG.3:

STANDARD OUTPUT:
BPRO4-REG3-LED35-SO-4-SAL

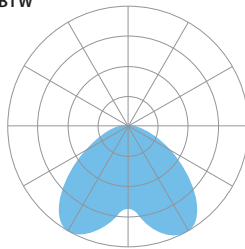
3095 Delivered Lumens
31 Watts
100 Lm/W
3500 CCT



BATWING

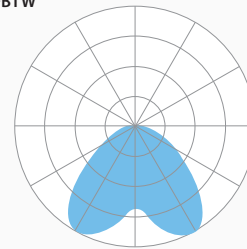
STANDARD OUTPUT:
BPRO4-REG.5-LED35-SO-4-BTW

3750 Delivered Lumens
31 Watts
121 Lm/W
3500 CCT



STANDARD OUTPUT:
BPRO4-REG1-LED35-SO-4-BTW

3603 Delivered Lumens
31 Watts
116 Lm/W
3500 CCT

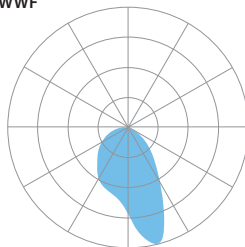


BTW, WWF, WWG/PFL NOT AVAILABLE WITH REG3

FLAT WALL WASH

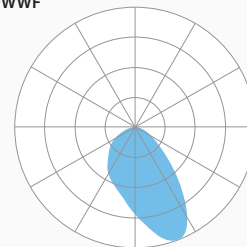
STANDARD OUTPUT:
BPRO4-REG.5-LED35-SO-4-WWF

3870 Delivered Lumens
31 Watts
124 Lm/W
3500 CCT



STANDARD OUTPUT:
BPRO4-REG1-LED35-SO-4-WWF

3744 Delivered Lumens
31 Watts
120 Lm/W
3500 CCT

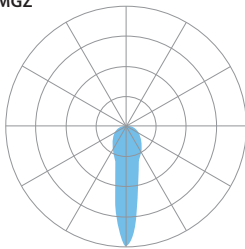


BTW, WWF, WWG/PFL NOT AVAILABLE WITH REG3

MEDIUM WALL GRAZER

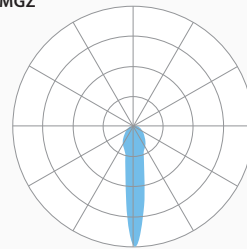
STANDARD OUTPUT:
BPRO4-REG.5-LED35-SO-4-MGZ

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



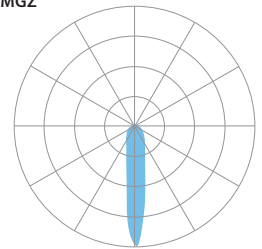
STANDARD OUTPUT:
BPRO4-REG1-LED35-SO-4-MGZ

3791 Delivered Lumens
31 Watts
122 Lm/W
3500 CCT
16° FWHM



STANDARD OUTPUT:
BPRO4-REG3-LED35-SO-4-MGZ

3455 Delivered Lumens
31 Watts
111 Lm/W
3500 CCT
16° FWHM





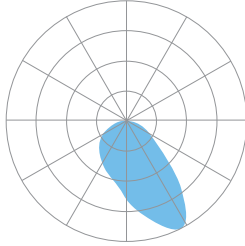
REG.5:

FOCAL GLOW WALL WASH / PERIMETER FILL

STANDARD OUTPUT:

BPRO4-REG.5-LED35-SO-4-WWG/PFL

3826 Delivered Lumens
31 Watts
123 Lm/W
3500 CCT

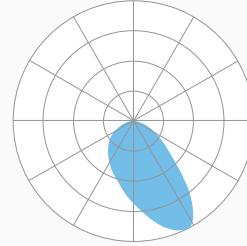


REG1:

STANDARD OUTPUT:

BPRO4-REG1-LED35-SO-4-WWG/PFL

3690 Delivered Lumens
32 Watts
119 Lm/W
3500 CCT



REG3:

BTW, WWF, WWG/PFL NOT AVAILABLE WITH REG3

UPTO **121** 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	3.8	5.6	7.8	10.5

LUMEN CHART AT 3500K-80 CRI

UPTO **119** LPW

REG1:		LO	MO	SO	HO
SAL	Lm/Ft	435	640	885	1115
BTW	Lm/Ft	450	670	900	1175
WWF	Lm/Ft	450	670	900	1175
WWG/PFL	Lm/Ft	450	670	900	1175
MGZ	Lm/Ft	460	685	925	1200
	W/Ft	3.8	5.6	7.8	10.5

LUMEN CHART AT 3500K-80 CRI

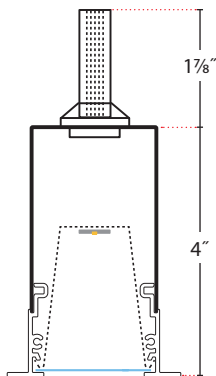
UPTO **102** LPW

REG3:		LO	MO	SO	HO
SAL	Lm/Ft	375	560	750	975
MGZ	Lm/Ft	435	640	885	1115
	W/Ft	3.8	5.6	7.8	10.5

LUMEN CHART AT 3500K-80 CRI

Consult factory for Louver IES: marketing@prulite.com

INSULATION DETECTOR (ID) FOR NON-IC RATED FIXTURES



Insulation Detector (ID) REQUIRED for non IC-rated fixtures
Non IC-rated = **NO INSULATION ALLOWED**

ID REQUIRED for:

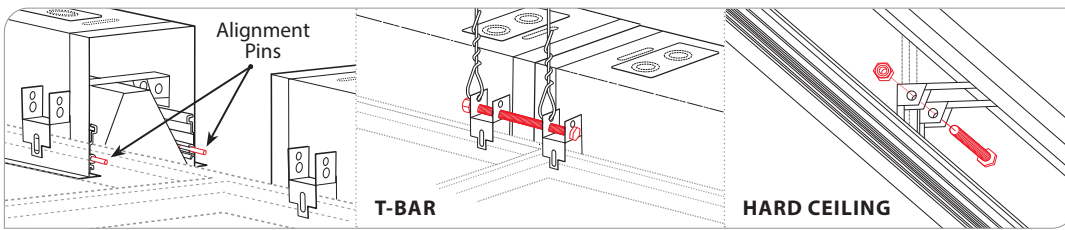
Osram	ELDO	Lutron & Signify	EMHE / ETS	Custom Length*	EMHE / ETS + Custom Length
—	ALL	—	SO / HO	HO	ALWAYS
			ELDO ALL	ELDO ALL	

* Custom length = field adjustable, not 1' increments

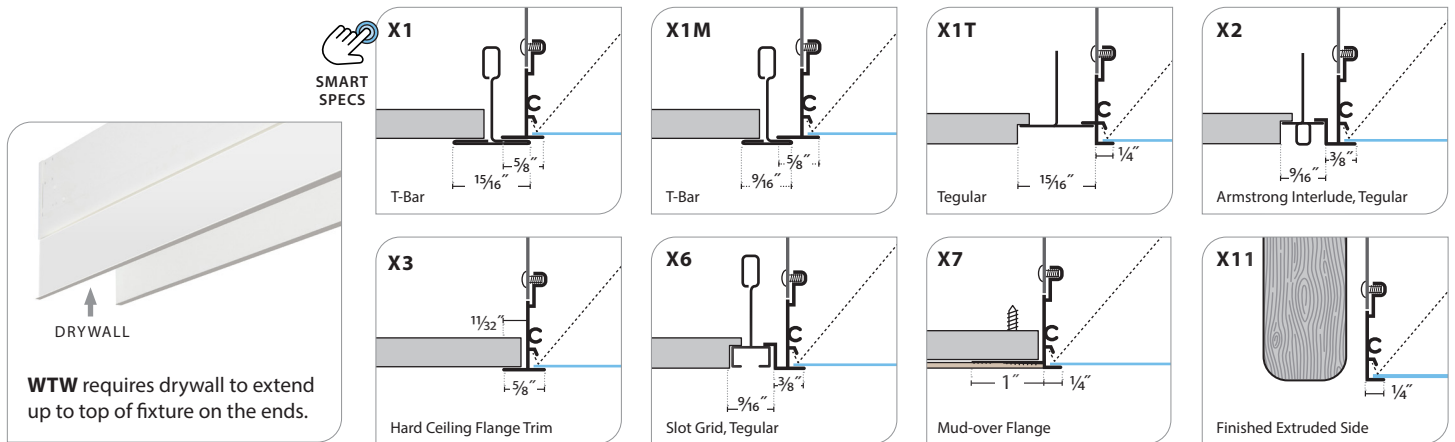
Request Insulation Detector Side Mount (IDSM) if plenum less than 6"



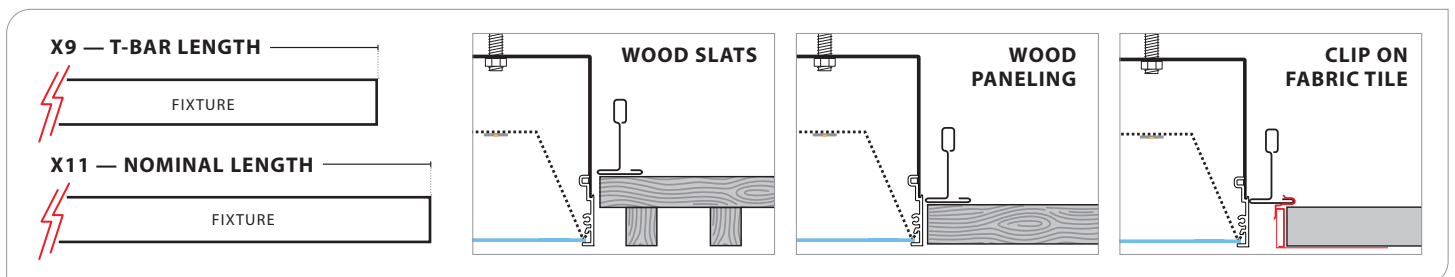
ADJOINING DETAILS



CEILING SYSTEMS



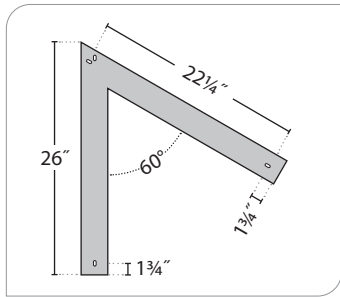
X9 / X11



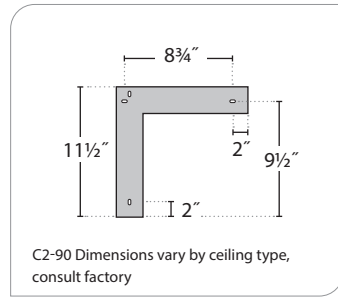


Corners

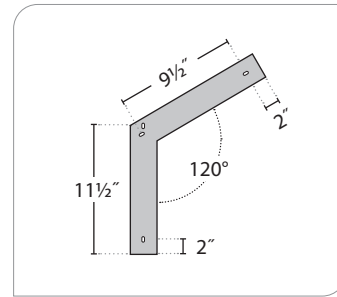
C2-60:



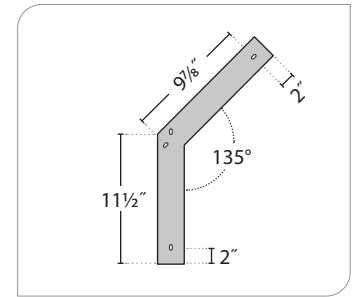
C2-90:



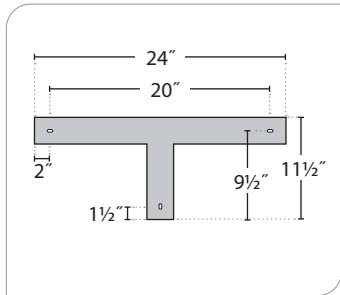
C2-120:



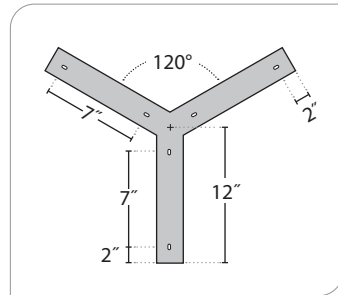
C2-135:



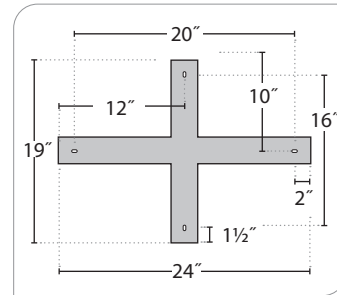
C3T:



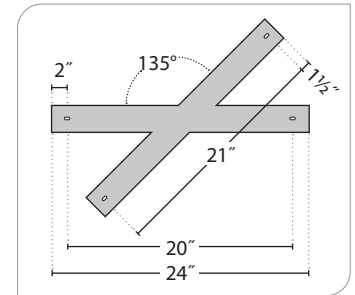
C3Y:



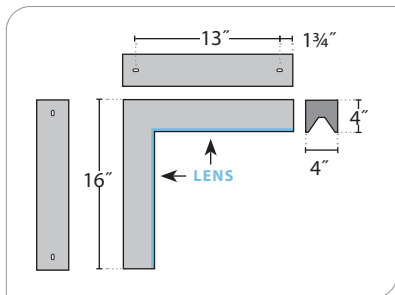
C4T:



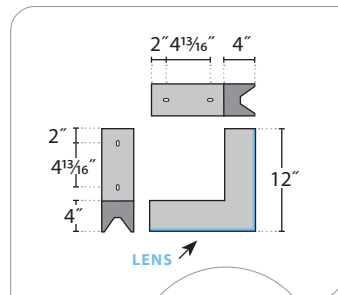
C4X:



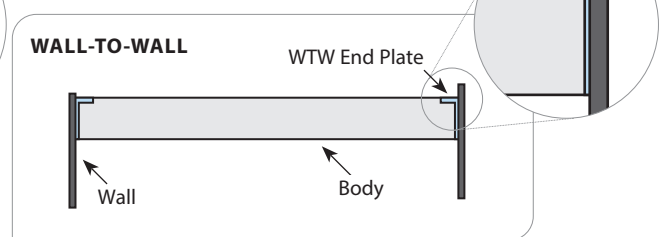
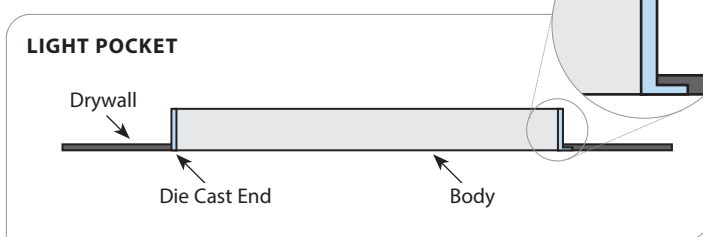
C8I:



C8O:

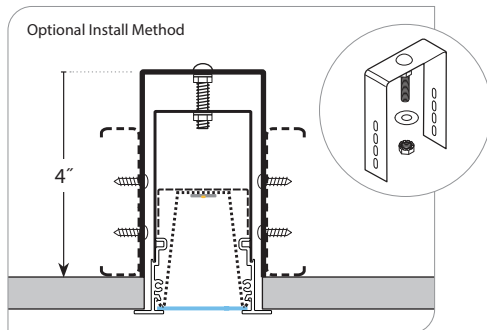


MOUNTING



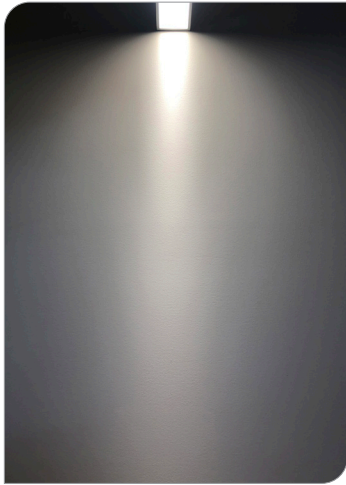
OVERHEAD MOUNTING BRACKETS (OMB)

NOTE: LP and WTW odd length fixtures require a field-trimmed Filler fixture.



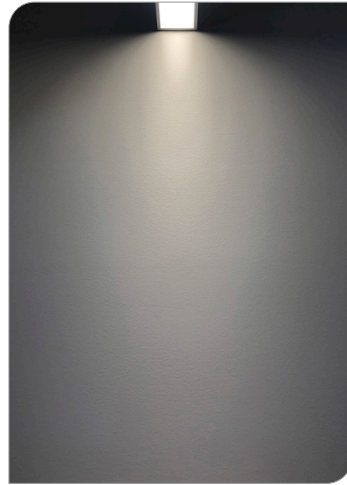


FTR END OF ROW FEATHERING



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

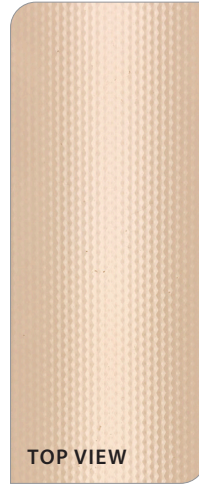
Medium Wall Graze (MGZ) shown above.



Feather (FTR) softens distributions on perpendicular walls.

Medium Wall Graze (MGZ) shown above with FTR.
NA with HO Output.

LGP LOW GLARE PRISMATIC LENS



TOP VIEW

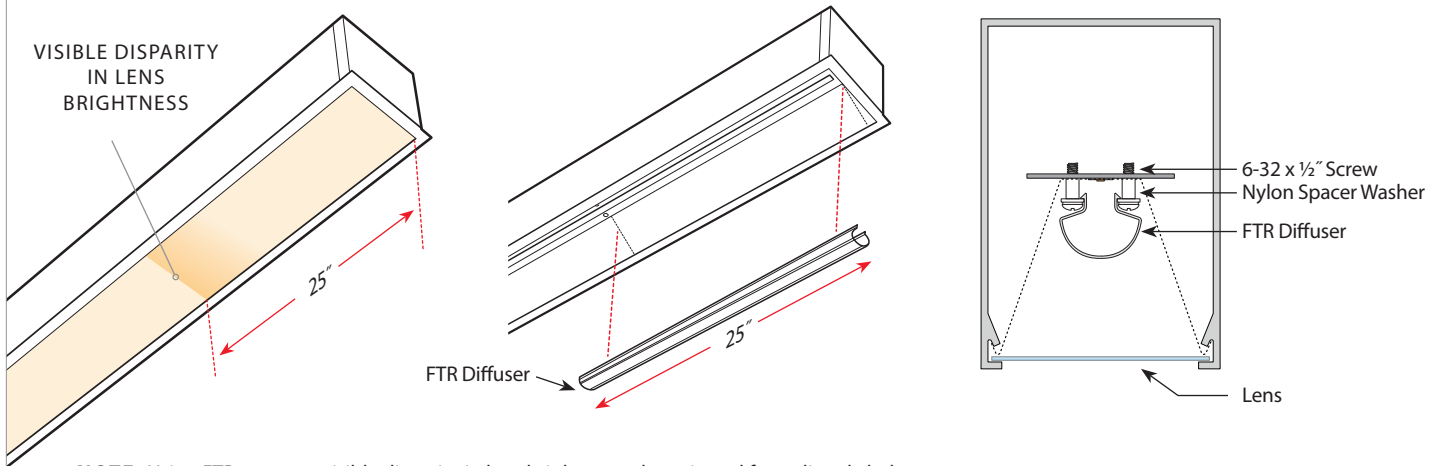


WELL OPTION 1B,
FIXTURE UGR 16 OR LESS

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).

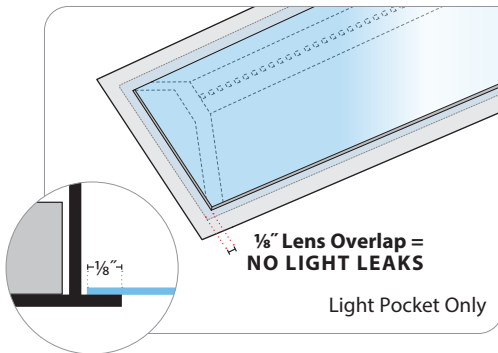
NOTE: Our Batwing lens also meets WELL UGR of 16 or less (BioPro 3-4-5). NA with HO output.

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.

CAST ALUMINUM END CAPS



SENSOR PLATE



LOUVER DETAIL





GRID TO GRID (T-BAR):

APERTURE	BPRO2	BPRO3	BPRO4	BPRO5
W = FIXTURE WIDTH	2"	3"	4"	5"
X = GRID TO GRID SPACING	3"	4"	5"	6"

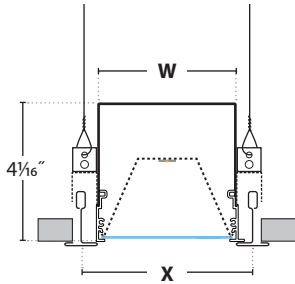
HARD CEILING OPENING:

APERTURE	BPRO2	BPRO3	BPRO4	BPRO5
W = FIXTURE WIDTH	2"	3"	4"	5"
X = CEILING OPENING	2 ⁵ / ₁₆ "	3 ⁵ / ₁₆ "	4 ⁵ / ₁₆ "	5 ⁵ / ₁₆ "
FIXTURE ROUGH IN LENGTH =	Fixture Length + 1 ⁵ / ₁₆ "			

CROSS SECTIONS

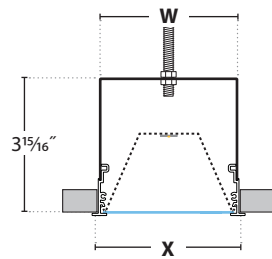
T-BAR — X1, X1M, X1T, X2, X6

FLSH:



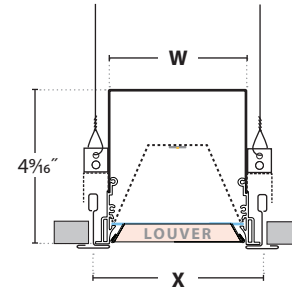
HARD CEILING — X3, X7, X11
T-BAR — X9

FLSH:



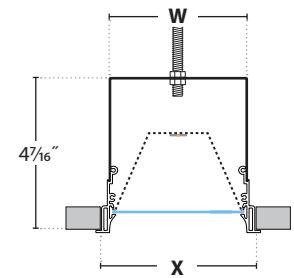
T-BAR — X1, X1M, X1T, X2, X6

LVR:



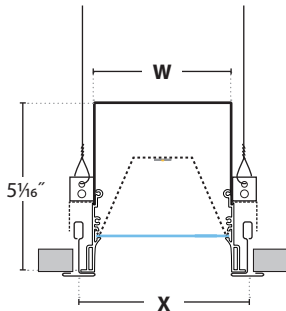
HARD CEILING — X3, X7, X11
T-BAR — X9

REG.5:



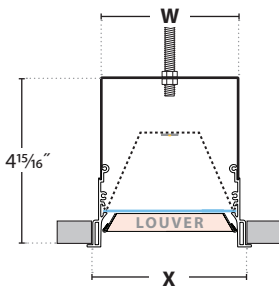
T-BAR — X1, X1M, X1T, X2, X6

REG.1:



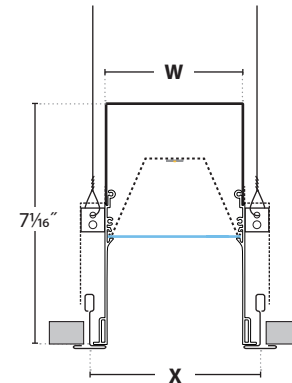
HARD CEILING — X3, X7, X11
T-BAR — X9

LVR.1:



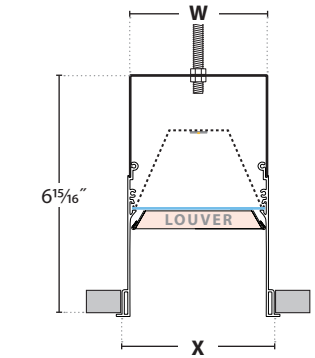
T-BAR — X1, X1M, X1T, X2, X6

REG.3:



HARD CEILING — X3, X7, X11
T-BAR — X9

LVR.3:

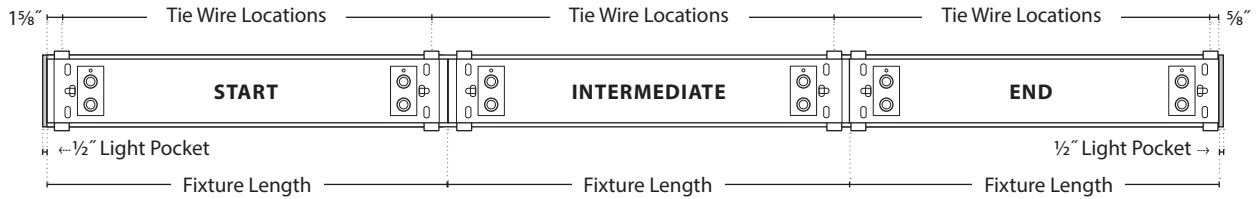




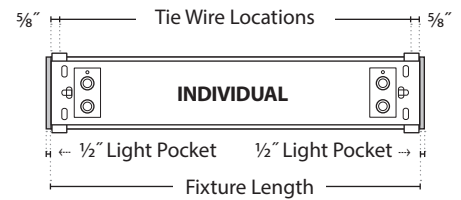
MOUNTING LOCATIONS

T-BAR — X1, X1M, X1T, X2, X6

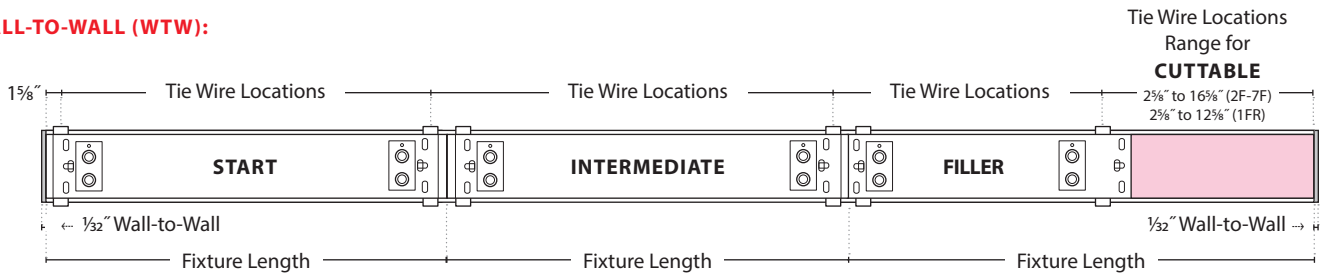
LIGHT POCKET (LP):



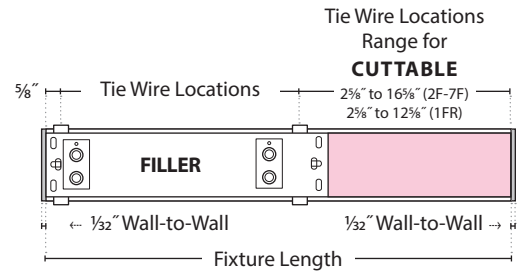
	FIXTURE LENGTHS		TIE WIRE LOCATIONS		
	Start / Intermediate	End / Individual	Start / Individual	Intermediate	End
2'	24"	22"	20 3/4"	24"	23"
3'	36"	34"	32 3/4"	36"	35"
4'	48"	46"	44 3/4"	48"	47"
5'	60"	58"	56 3/4"	60"	59"
6'	72"	70"	68 3/4"	72"	71"
7'	84"	82"	80 3/4"	84"	83"
8'	96"	94"	92 3/4"	96"	95"



WALL-TO-WALL (WTW):

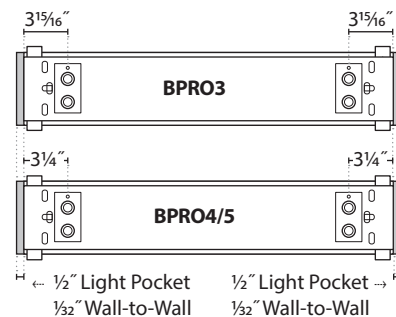


	FIXTURE LENGTH	TIE WIRE LOCATIONS	
		Start	Intermediate
—	—	—	—
2'	24"	20 3/4"	24"
3'	36"	32 3/4"	36"
4'	48"	44 3/4"	48"
5'	60"	56 3/4"	60"
6'	72"	68 3/4"	72"
7'	84"	80 3/4"	84"
8'	96"	92 3/4"	96"



	FIXTURE LENGTH	TIE WIRE LOCATIONS	
		Filler	Filler Individual
1FR	16" - 26"	15"	12 3/4"
2F	24" - 38"	23"	20 3/4"
3F	36" - 50"	35"	32 3/4"
4F	48" - 62"	47"	44 3/4"
5F	60" - 74"	59"	56 3/4"
6F	72" - 86"	71"	68 3/4"
7F	84" - 98"	83"	80 3/4"
—	—	—	—

POWER FEED LOCATIONS:





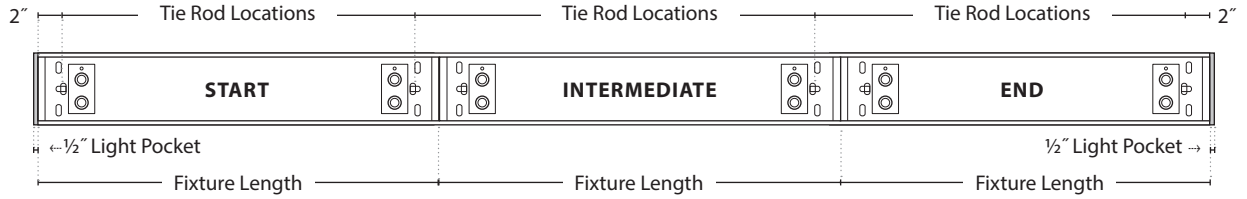
HARD CEILING
LENS INSTALL
VIDEO



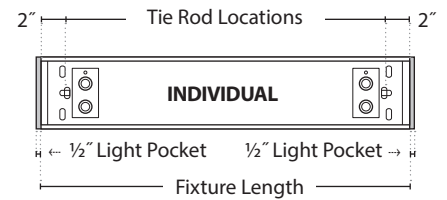
MOUNTING LOCATIONS

HARD CEILING — X3, X7, X11

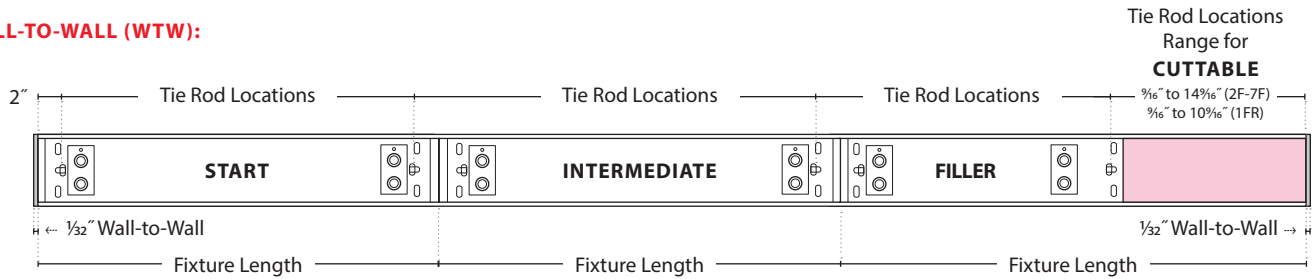
LIGHT POCKET (LP):



	FIXTURE LENGTHS		TIE ROD LOCATIONS		
	Start / Intermediate	End / Individual	Start / Individual	Intermediate	End
2'	24"	24"	20"	24"	24"
3'	36"	36"	32"	36"	36"
4'	48"	48"	44"	48"	48"
5'	60"	60"	56"	60"	60"
6'	72"	72"	68"	72"	72"
7'	84"	84"	80"	84"	84"
8'	96"	96"	92"	96"	96"

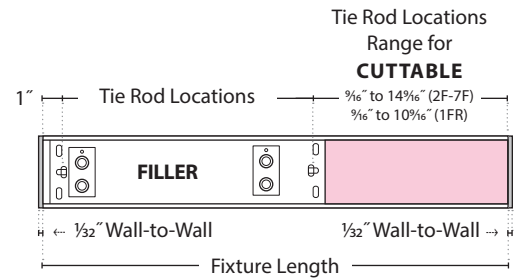


WALL-TO-WALL (WTW):



Tie Rod Locations
Range for
CUTTABLE
5/16" to 14 1/16" (2F-7F)
3/16" to 10 1/16" (1FR)

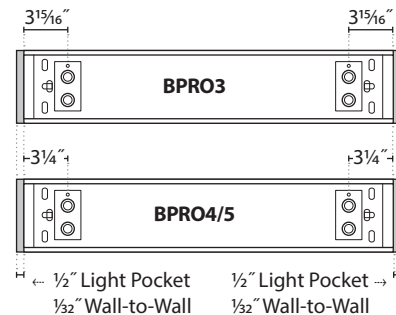
	FIXTURE LENGTH	TIE ROD LOCATIONS	
		Start	Intermediate
—	—	—	—
2'	24"	20"	24"
3'	36"	32"	36"
4'	48"	44"	48"
5'	60"	56"	60"
6'	72"	68"	72"
7'	84"	80"	84"
8'	96"	92"	96"



Tie Rod Locations
Range for
CUTTABLE
5/16" to 14 1/16" (2F-7F)
3/16" to 10 1/16" (1FR)

	FIXTURE LENGTH	TIE ROD LOCATIONS	
		Filler	Filler Individual
1FR	16" - 26"	17 1/16"	14 7/16"
2F	24" - 38"	25 7/16"	22 7/16"
3F	36" - 50"	37 7/16"	34 7/16"
4F	48" - 62"	49 7/16"	46 7/16"
5F	60" - 74"	61 7/16"	58 7/16"
6F	72" - 86"	73 7/16"	70 7/16"
7F	84" - 98"	85 7/16"	82 7/16"
—	—	—	—

POWER FEED LOCATIONS:





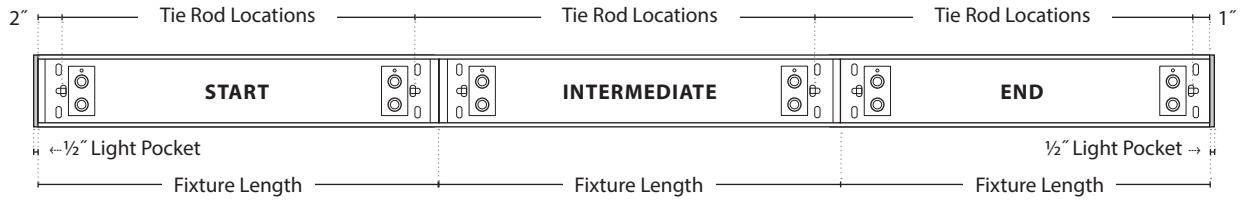
HARD CEILING
LENS INSTALL
VIDEO



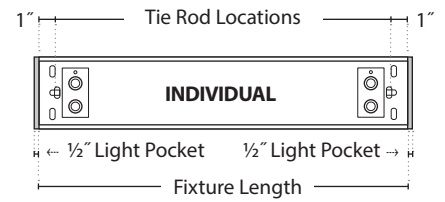
MOUNTING LOCATIONS

HARD CEILING — X9

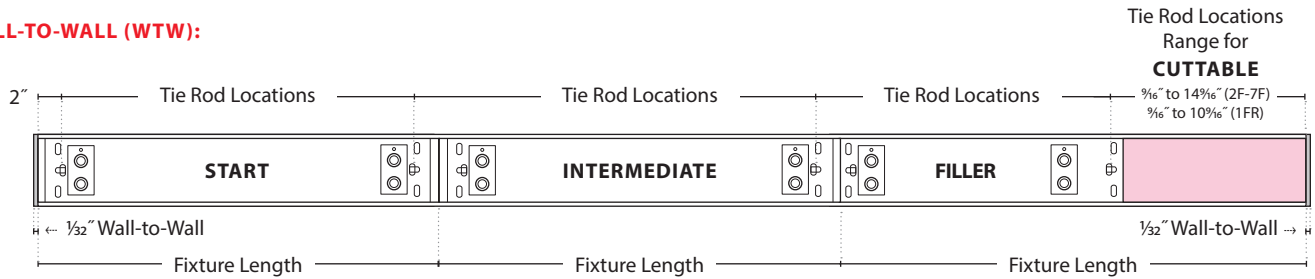
LIGHT POCKET (LP):



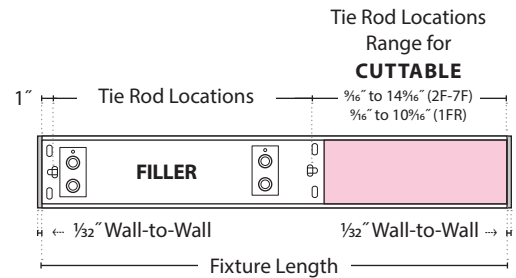
	FIXTURE LENGTHS		TIE ROD LOCATIONS		
	Start / Intermediate	End / Individual	Start / Individual	Intermediate	End
2'	24"	22"	20"	24"	23"
3'	36"	34"	32"	36"	35"
4'	48"	46"	44"	48"	47"
5'	60"	58"	56"	60"	59"
6'	72"	70"	68"	72"	71"
7'	84"	82"	80"	84"	83"
8'	96"	94"	92"	96"	95"



WALL-TO-WALL (WTW):

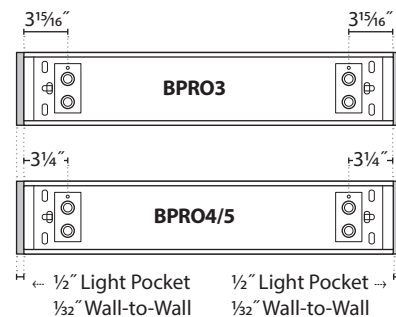


	FIXTURE LENGTH	TIE ROD LOCATIONS	
		Start	Intermediate
—	—	—	—
2'	24"	20"	24"
3'	36"	32"	36"
4'	48"	44"	48"
5'	60"	56"	60"
6'	72"	68"	72"
7'	84"	80"	84"
8'	96"	92"	96"



	FIXTURE LENGTH	TIE ROD LOCATIONS	
		Filler	Filler Individual
1FR	16" - 26"	17 1/16"	14 7/16"
2F	24" - 38"	25 7/16"	22 7/16"
3F	36" - 50"	37 7/16"	34 7/16"
4F	48" - 62"	49 7/16"	46 7/16"
5F	60" - 74"	61 7/16"	58 7/16"
6F	72" - 86"	73 7/16"	70 7/16"
7F	84" - 98"	85 7/16"	82 7/16"
—	—	—	—

POWER FEED LOCATIONS:





ROW BUILDER

LIGHT POCKET (LP):

ROW LENGTH	FIXTURE ROW
9'	4FT STR + 5FT END
10'	4FT STR + 6FT END
11'	4FT STR + 7FT END
12'	8FT STR + 4FT END
13'	8FT STR + 5FT END
14'	8FT STR + 6FT END
15'	8FT STR + 7FT END
16'	8FT STR + 8FT END
17'	4FT STR + (1) 8FT INT + 5FT END
18'	4FT STR + (1) 8FT INT + 6FT END
19'	4FT STR + (1) 8FT INT + 7FT END
20'	8FT STR + (1) 8FT INT + 4FT END
21'	8FT STR + (1) 8FT INT + 5FT END
22'	8FT STR + (1) 8FT INT + 6FT END
23'	8FT STR + (1) 8FT INT + 7FT END
24'	8FT STR + (1) 8FT INT + 8FT END
25'	4FT STR + (2) 8FT INT + 5FT END
26'	4FT STR + (2) 8FT INT + 6FT END
27'	4FT STR + (2) 8FT INT + 7FT END
28'	8FT STR + (2) 8FT INT + 4FT END
29'	8FT STR + (2) 8FT INT + 5FT END
30'	8FT STR + (2) 8FT INT + 6FT END
31'	8FT STR + (2) 8FT INT + 7FT END
32'	8FT STR + (2) 8FT INT + 8FT END
33'	4FT STR + (3) 8FT INT + 5FT END
34'	4FT STR + (3) 8FT INT + 6FT END
35'	4FT STR + (3) 8FT INT + 7FT END
36'	8FT STR + (3) 8FT INT + 4FT END
37'	8FT STR + (3) 8FT INT + 5FT END
38'	8FT STR + (3) 8FT INT + 6FT END
39'	8FT STR + (3) 8FT INT + 7FT END
40'	8FT STR + (3) 8FT INT + 8FT END
41'	4FT STR + (4) 8FT INT + 5FT END
42'	4FT STR + (4) 8FT INT + 6FT END
43'	4FT STR + (4) 8FT INT + 7FT END
44'	8FT STR + (4) 8FT INT + 4FT END
45'	8FT STR + (4) 8FT INT + 5FT END
46'	8FT STR + (4) 8FT INT + 6FT END
47'	8FT STR + (4) 8FT INT + 7FT END
48'	8FT STR + (4) 8FT INT + 8FT END
49'	4FT STR + (5) 8FT INT + 5FT END
50'	4FT STR + (5) 8FT INT + 6FT END

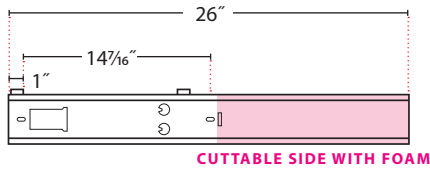
WALL-TO-WALL (WTW):

ROW LENGTH	FIXTURE ROW	MINIMUM FILLER LENGTH	MAXIMUM FILLER LENGTH
9'	4FT STR + 4FT FILLER	8' - 0" (96")	9' - 2" (110")
10'	4FT STR + 5FT FILLER	9' - 0" (108")	10' - 2" (122")
11'	4FT STR + 6FT FILLER	10' - 0" (120")	11' - 2" (134")
12'	4FT STR + 7FT FILLER	11' - 0" (132")	12' - 2" (146")
13'	8FT STR + 4FT FILLER	12' - 0" (144")	13' - 2" (158")
14'	8FT STR + 5FT FILLER	13' - 0" (156")	14' - 2" (170")
15'	8FT STR + 6FT FILLER	14' - 0" (168")	15' - 2" (182")
16'	8FT STR + 7FT FILLER	15' - 0" (180")	16' - 2" (194")
17'	4FT STR + (1) 8FT INT + 4FT FILLER	16' - 0" (192")	17' - 2" (206")
18'	4FT STR + (1) 8FT INT + 5FT FILLER	17' - 0" (204")	18' - 2" (218")
19'	4FT STR + (1) 8FT INT + 6FT FILLER	18' - 0" (216")	19' - 2" (230")
20'	4FT STR + (1) 8FT INT + 7FT FILLER	19' - 0" (228")	20' - 2" (242")
21'	8FT STR + (1) 8FT INT + 4FT FILLER	20' - 0" (240")	21' - 2" (254")
22'	8FT STR + (1) 8FT INT + 5FT FILLER	21' - 0" (252")	22' - 2" (266")
23'	8FT STR + (1) 8FT INT + 6FT FILLER	22' - 0" (264")	23' - 2" (278")
24'	8FT STR + (1) 8FT INT + 7FT FILLER	23' - 0" (276")	24' - 2" (290")
25'	4FT STR + (2) 8FT INT + 4FT FILLER	24' - 0" (288")	25' - 2" (302")
26'	4FT STR + (2) 8FT INT + 5FT FILLER	25' - 0" (300")	26' - 2" (314")
27'	4FT STR + (2) 8FT INT + 6FT FILLER	26' - 0" (312")	27' - 2" (326")
28'	4FT STR + (2) 8FT INT + 7FT FILLER	27' - 0" (324")	28' - 2" (338")
29'	8FT STR + (2) 8FT INT + 4FT FILLER	28' - 0" (336")	29' - 2" (350")
30'	8FT STR + (2) 8FT INT + 5FT FILLER	29' - 0" (348")	30' - 2" (362")
31'	8FT STR + (2) 8FT INT + 6FT FILLER	30' - 0" (360")	31' - 2" (374")
32'	8FT STR + (2) 8FT INT + 7FT FILLER	31' - 0" (372")	32' - 2" (386")
33'	4FT STR + (3) 8FT INT + 4FT FILLER	32' - 0" (384")	33' - 2" (398")
34'	4FT STR + (3) 8FT INT + 5FT FILLER	33' - 0" (396")	34' - 2" (410")
35'	4FT STR + (3) 8FT INT + 6FT FILLER	34' - 0" (408")	35' - 2" (422")
36'	4FT STR + (3) 8FT INT + 7FT FILLER	35' - 0" (420")	36' - 2" (434")
37'	8FT STR + (3) 8FT INT + 4FT FILLER	36' - 0" (432")	37' - 2" (446")
38'	8FT STR + (3) 8FT INT + 5FT FILLER	37' - 0" (444")	38' - 2" (458")
39'	8FT STR + (3) 8FT INT + 6FT FILLER	38' - 0" (456")	39' - 2" (470")
40'	8FT STR + (3) 8FT INT + 7FT FILLER	39' - 0" (468")	40' - 2" (482")
41'	4FT STR + (4) 8FT INT + 4FT FILLER	40' - 0" (480")	41' - 2" (494")
42'	4FT STR + (4) 8FT INT + 5FT FILLER	41' - 0" (492")	42' - 2" (506")
43'	4FT STR + (4) 8FT INT + 6FT FILLER	42' - 0" (504")	43' - 2" (518")
44'	4FT STR + (4) 8FT INT + 7FT FILLER	43' - 0" (516")	44' - 2" (530")
45'	8FT STR + (4) 8FT INT + 4FT FILLER	44' - 0" (528")	45' - 2" (542")
46'	8FT STR + (4) 8FT INT + 5FT FILLER	45' - 0" (540")	46' - 2" (554")
47'	8FT STR + (4) 8FT INT + 6FT FILLER	46' - 0" (552")	47' - 2" (566")
48'	8FT STR + (4) 8FT INT + 7FT FILLER	47' - 0" (564")	48' - 2" (578")
49'	4FT STR + (5) 8FT INT + 4FT FILLER	48' - 0" (576")	49' - 2" (590")
50'	4FT STR + (5) 8FT INT + 5FT FILLER	49' - 0" (588")	50' - 2" (602")



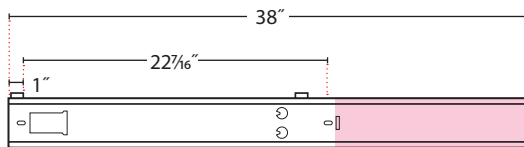
FILLER FIXTURES

1FR (REMOTE DRIVER):



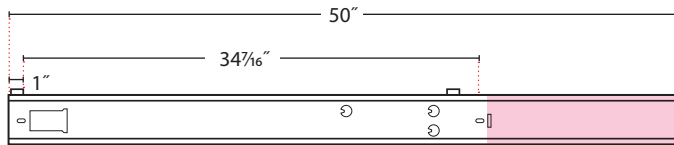
CUTTABLE SIDE WITH FOAM

2F:



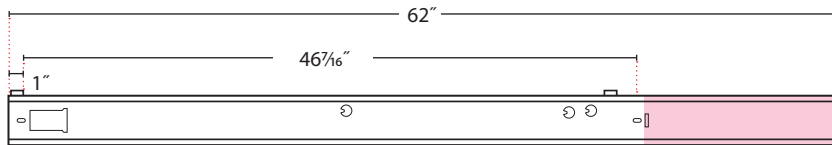
CUTTABLE SIDE WITH FOAM

3F:



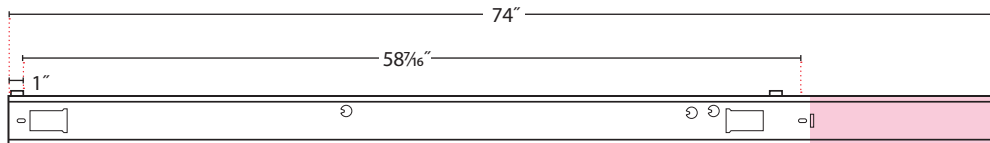
CUTTABLE SIDE WITH FOAM

4F:



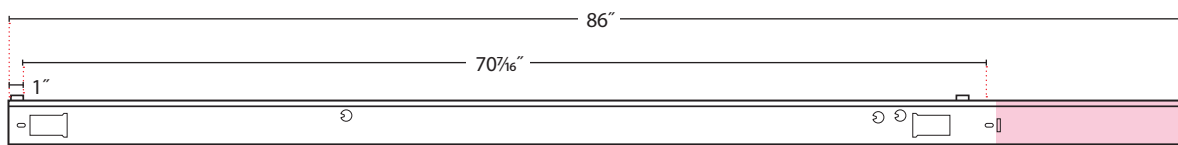
CUTTABLE SIDE WITH FOAM

5F:



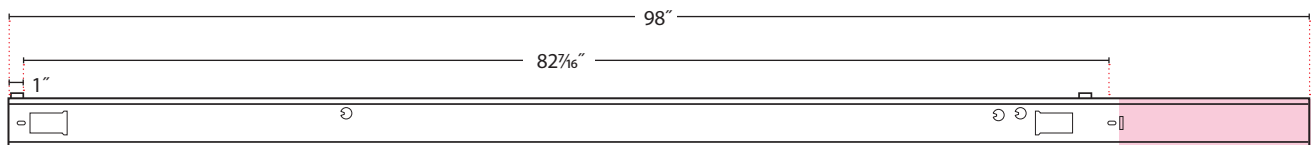
CUTTABLE SIDE WITH FOAM

6F:



CUTTABLE SIDE WITH FOAM

7F:

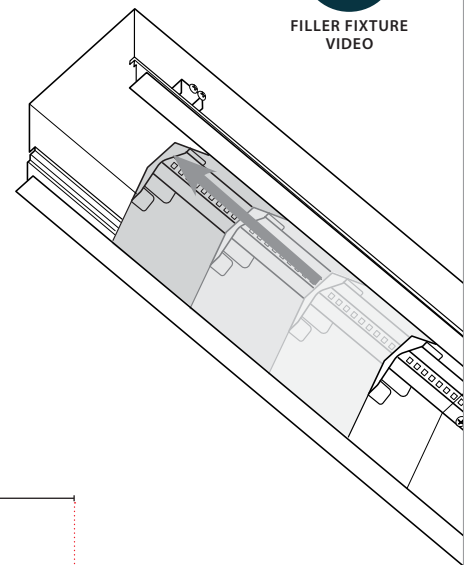


CUTTABLE SIDE WITH FOAM

- Telescoping 2' – 8' fixtures. Fixtures adjust in length: 2' to 3', 4' to 5', 7' to 8', etc.
- Looks like a custom length fixture:
7' 8" = one field-adjusted fixture, no trim seams (Seamless lens).
- Optical performance identical to standard fixtures.
- Much lower cost for wall-to-wall installs (one less fixture).
- Way easier installs, one cut, no assembly, installs like a standard fixture.



FILLER FIXTURE VIDEO



 POWER ACCESS PLATE  1/4-20 MOUNTING HOLES

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

SINGLE OFFICE

BionicPro4

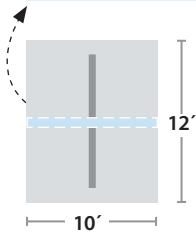


Top Competitor



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

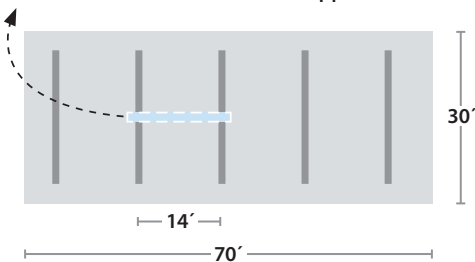


Top Competitor



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

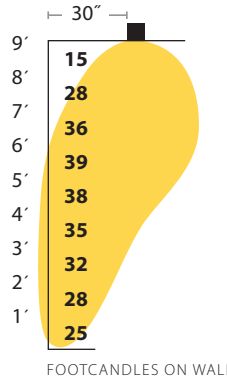


Smooth, flat wall washing (WWF)

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

Watts/ Ft. Ceiling Height Average Illuminance Max/Min Max/Min Ratio

Medium Output 700 lumens/ft	6	9'	31 fc	39/15	2.6
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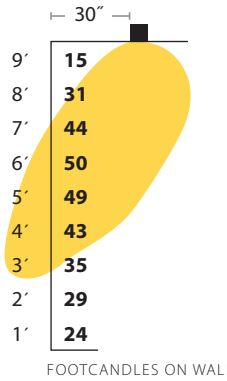


Focal glow wall washing (WWG)

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

Watts/ Ft. Ceiling Height Average Illuminance Max/Min Max/Min Ratio

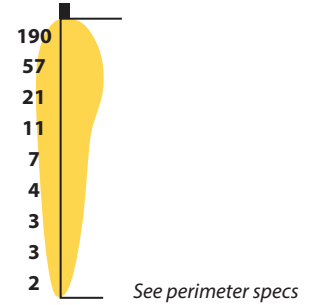
Medium Output 700 lumens/ft	6	9'	36 fc	50/15	3.3
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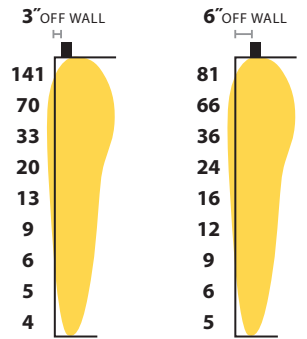
Medium Wall Graze

Wall grazing performance often better just off a wall.

PERIMETER



See perimeter specs



BionicPro to Bionic/P23-43 Optics Crossing Matrix



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



WIRING DIAGRAMS
SPEC



PRUDENTIAL LTG.

PRULITE.COM 213.746.0360

Lumen Outputs:

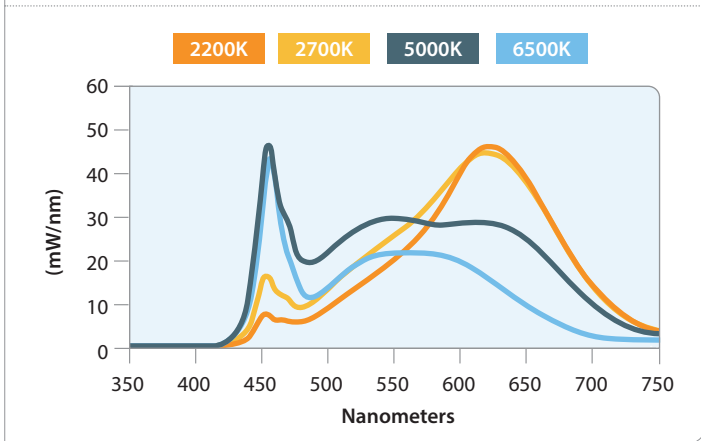
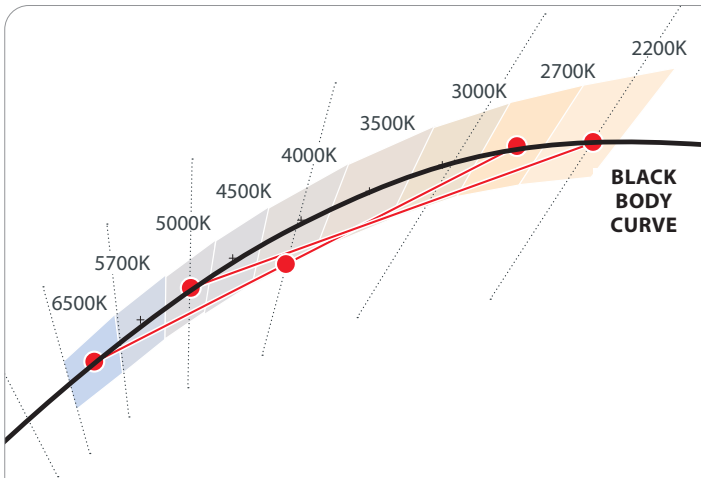
		BLUHUE	TUHUE	TUHUE2	AMBERHUE
DIRECT:		LO	MO	SO	HO*
	SAL Lm/Ft	205	385	550	715
	BTW / WWG / PFL Lm/Ft	215	395	565	730
	LGP / WWF / MGZ Lm/Ft	225	405	580	750
	W/Ft	3.8	5.6	7.8	10.5

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



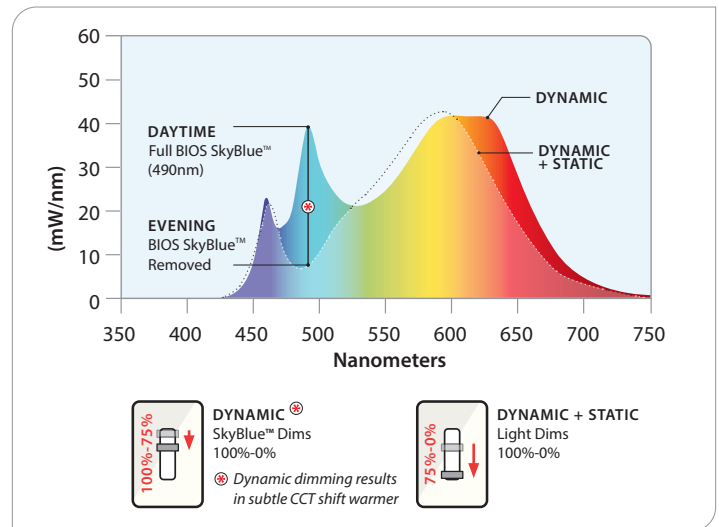
Prudential Lighting's **TuHue** Tunable White provides warm to cool white light simulating sunlight. Controlling the light source color temperature offers differing design aesthetics with potential benefits via circadian rhythm support. Blue light for alertness while warm light conveys tranquility.

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



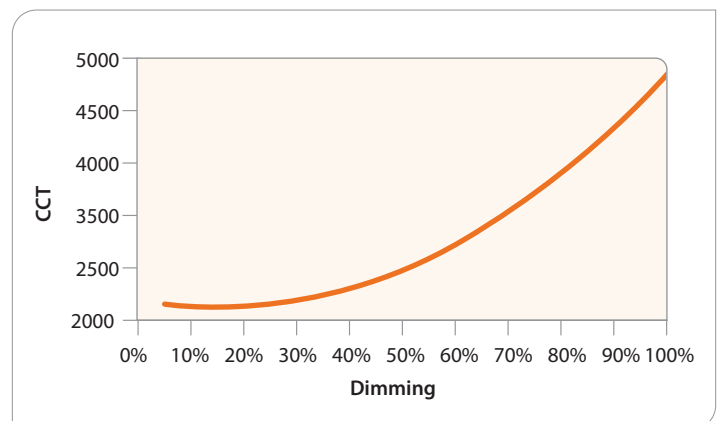
BluHue BIOS SkyBlue™ circadian LED lighting brings the benefits of blue skies inside. Newly discovered blue-sky receptors in our eyes drive improved daytime alertness, mood, brain function, and strengthens circadian rhythms leading to overall better health and well-being.

- 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]).



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.

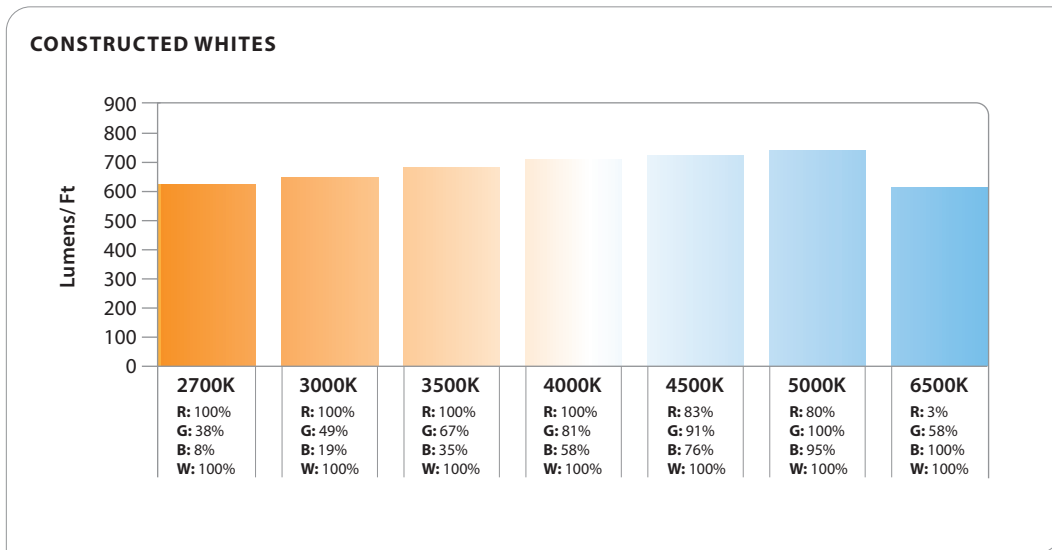
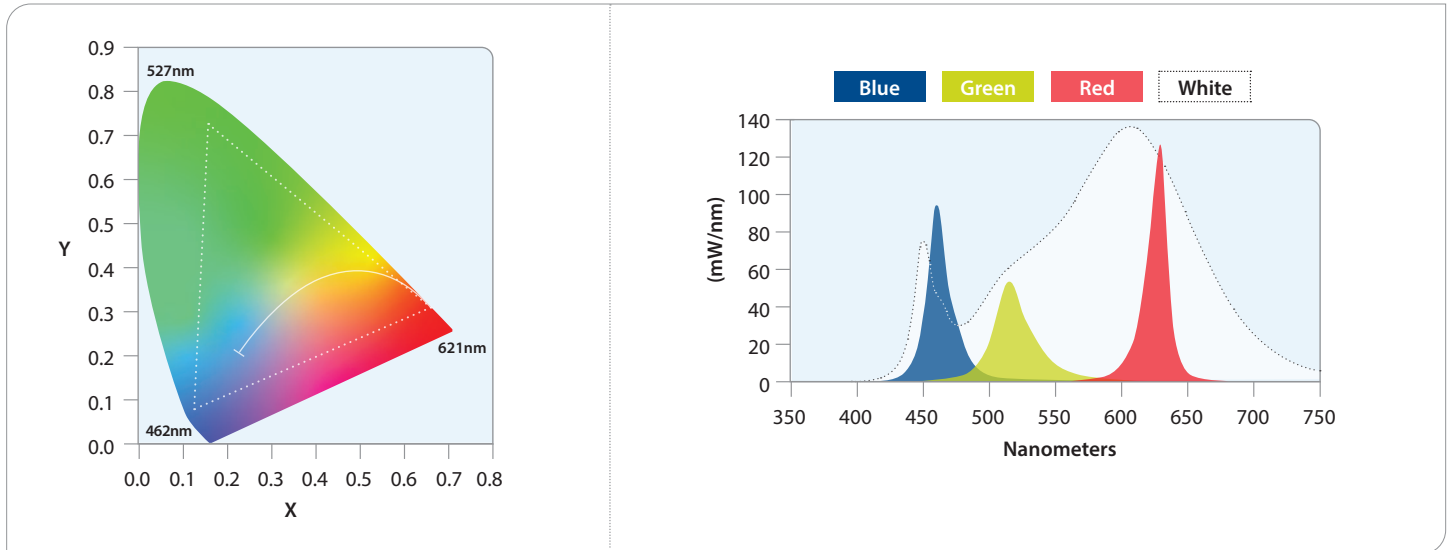
- Warm Dim 2200K-5000K.
- Color temperature warms as the luminaire is dimmed.
- Calm, relaxing mood communicated – hospitality, residential feel.





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>