

BionicPro5™ | Recessed Linear

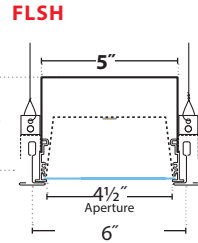


PRUDENTIAL LTG.

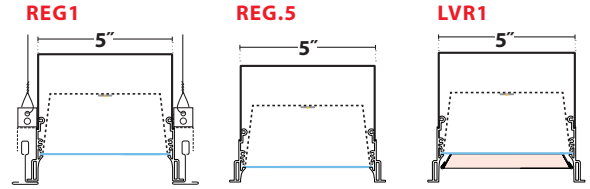
PRULITE.COM 213.746.0360



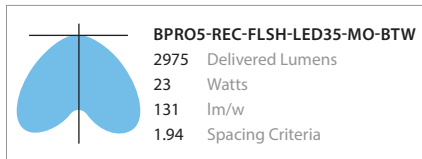
T-BAR — X1, X1M, X1T, X2, X6, X9



HARD CEILING — X3, X7, 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	475	690	1000	1250
BTW Lm/Ft	500	750	1025	1300
WWF Lm/Ft	500	750	1025	1300
WWG/PFL Lm/Ft	500	750	1025	1300
NGZ Lm/Ft	550	800	1125	1500
MGZ Lm/Ft	500	750	1025	1300
WGZ Lm/Ft	550	800	1125	1500
LGP Lm/Ft	500	750	1025	—
W/Ft	3.8	5.6	7.8	10.5

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



TechZone6

Declare.



CONSULT FACTORY FOR



UGR15.5 WELL Building Standard



Made in the USA

SE-RIES	LENS POS.	LED COLOR	OUT-PUT	NOMINAL LENGTH	TRIM COLOR	LOUVER COLOR	DISTRIBU-TION	MOUNT-ING	CIRCUIT-ING	VOLT-AGE	CEILING SYSTEMS	DRIVERS	OPTIONS, CONTROL SENSORS & CORNERS
BPRO5-REC									SC				
BionicPro 5" Slot	FLSH Flush Lens LVR Louver Flush REG.5 1/2" Regress LVR1 Louver 1/2" Regress REG1 1" Regress LVR3* Louver 2 1/2" Regress REG3* 3" Regress	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)	LO Low MO Medium SO Standard HO High (Non-IC rated, consult factory for EMHE)	2' 3' 4' 5' 6' 7' 8' R (Row Length, 1/2" increments)	TMW Textured Matte White (Standard) YGW Gloss White Y Premium Color CC Custom Color LUXE METAL-LICS: YBZ Bronze YCP Copper Penny YGN Gold Nugget	SKIP COL-UMN IF LOUVER IS NOT NEEDED TMW Textured Matte White YGW Gloss White YBK Black Matte Y Premium Color CC Custom Color LUXE METAL-LICS: YBZ Bronze YCP Copper Penny YGN Gold Nugget	SAL Satin Lens BTW** Batwing WWF** Flat Wall Wash WWG** Focal Glow Wall Wash NGZ Narrow Wall Graze MGZ Medium 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 filter 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 1/2" X1M T-Bar 3/4" X1T 1 1/2" 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 (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) 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/ Forward/Reverse Phase Driver HUES: E10V 2 Channel Color Control EDALI 2 Channel Color Control EDMX Chroma-Hue 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)
		biOS: STATIC: BLU3S BLU35S BLU4S DYNAMIC: BLU3D* BLU35D* BLU4D* *Dynamic BIOS, SkyBlue spike can be dimmed, CCT warms slightly ** NA HO CHR Chroma-Hue RGBW (DMX at HO only)	PROG Pro-gram-mable Light Out-put (Specify desired lm/ft or w/ft) NOTE: Consult factory for High Output (HO)	NOTE: Individual fixtures are NOT intended for row mounting. Requires field-cut filler fixture at end of row									SENSORS: (See Page 21) 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) LVRV** 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-PDT7-ADCX 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 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)

NOTE: All distributions available with Louvers

BionicPro5™ | Recessed Linear Downlights

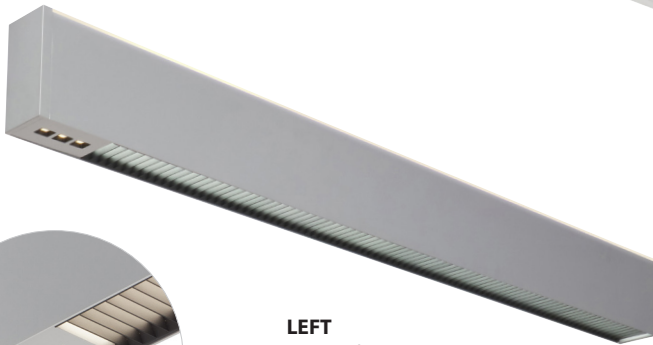


PRUDENTIAL LTG.

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Two Rows
(BPRO4 & 5)



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

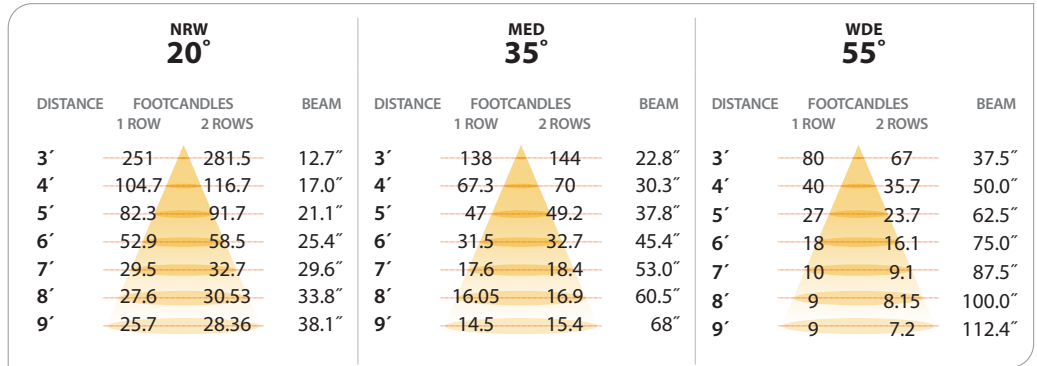
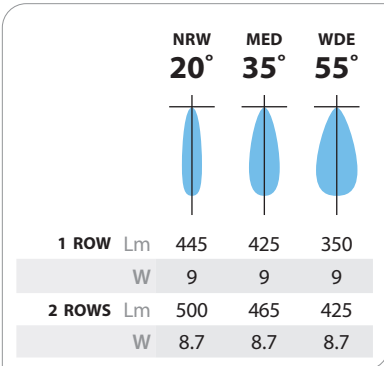


One Row
(BPRO2 & 3)

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



INDIRECT ONLY
(BPRO2 Linear shown)



SERIES	QUANTITY	LOCATION	CCT	DISTRIBUTION	COLOR	VOLTAGE	DRIVERS
DWN-LT							
Downlight	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)

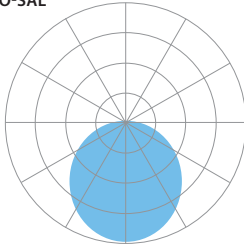


FLSH:

SATIN LENS

MEDIUM OUTPUT: BPRO5-REC-FLSH-LED35-MO-SAL

2872 Delivered Lumens
23 Watts
126 lm/w
1.24 Spacing Criteria



Zonal Lumen Summary:
0-90 = 100%

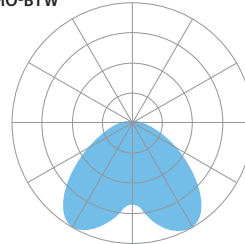
1033

Vertical Angle	0°	25°	45°	65°	90°
0°	1033	1033	1033	1033	1033
5°	1024	1025	1022	1027	1028
15°	974	976	977	984	987
25°	884	887	891	903	909
35°	768	771	777	792	800
45°	634	635	642	656	668
55°	486	487	494	507	520
65°	332	332	340	351	363
75°	173	175	186	196	207
85°	27	28	35	47	57
90°	0	0	0	0	0

BATWING

MEDIUM OUTPUT: BPRO5-REC-FLSH-LED35-MO-BTW

2975 Delivered Lumens
23 Watts
131 lm/w
1.94 Spacing Criteria



Zonal Lumen Summary:
0-90 = 100%

716

Vertical Angle	0°	25°	45°	65°	90°
0°	716	716	716	716	716
5°	774	768	744	725	709
15°	1008	972	861	731	655
25°	1143	1104	953	710	568
35°	1120	1092	955	651	475
45°	944	941	854	553	394
55°	637	661	654	429	321
65°	360	380	405	300	248
75°	170	179	199	176	162
85°	33	34	42	52	57
90°	0	0	0	0	0

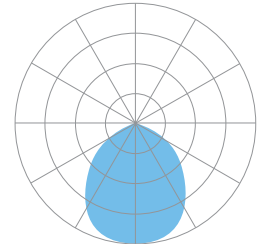
UGR15.5

WELL Building Standard

LOW GLARE PRISMATIC

STANDARD OUTPUT: BPRO5-LED35-SO-LGP

3722 Delivered Lumens
32 Watts
117 lm/w
3500 CCT



Zonal Lumen Summary:
0-90 = 100%

1855

Vertical Angle	0°	25°	45°	65°	90°
0°	1855	1855	1855	1855	1855
5°	1849	1844	1836	1845	1848
15°	1767	1756	1740	1738	1735
25°	1597	1580	1549	1525	1510
35°	1350	1328	1272	1212	1175
45°	1048	1012	897	766	718
55°	688	609	459	380	351
65°	351	305	247	216	204
75°	140	138	103	96	92
85°	32	41	30	27	28
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.

Die-Cast endcaps (LP), Formed steel endcaps (WTW).

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.



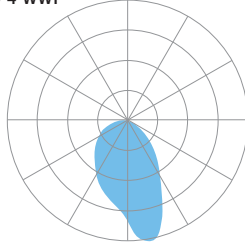
FLSH:

FLAT WALL WASH

STANDARD OUTPUT:

BPRO4-LIN-FLSH-LED35-SO-4-WWF

2056 Delivered Lumens
15 Watts
136 lm/w
3500 CCT



1340

Zonal Lumen Summary:
0-90 = 100%

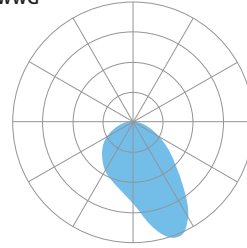
WALL SIDE	Vertical Angle	0°	25°	45°	65°	90°
	90°	0	0	0	0	0
85°	26	29	30	30	28	
75°	85	87	100	102	94	
65°	148	157	196	212	185	
55°	243	267	343	413	339	
45°	416	461	577	686	513	
35°	698	744	873	941	634	
25°	1032	1082	1189	1046	711	
15°	1340	1322	1205	971	764	
5°	975	955	908	850	792	
0°	794	794	794	794	794	
ROOM SIDE	5°	697	702	715	748	792
	15°	623	626	634	668	764
	25°	553	557	568	596	711
	35°	472	477	490	516	634
	45°	358	365	388	412	513
	55°	248	249	264	282	339
	65°	172	162	161	163	185
	75°	112	98	120	84	94
	85°	33	29	24	25	28
90°	0	0	0	0	0	
Vertical Angle	180°	202.5°	225°	247.5°	270°	

FOCAL GLOW WALL WASH

LOW OUTPUT:

BPRO5-FLSH-LED35-LO-4-WWG

2042 Delivered Lumens
15 Watts
135 lm/w
3500 CCT



1256

Zonal Lumen Summary:
0-90 = 100%

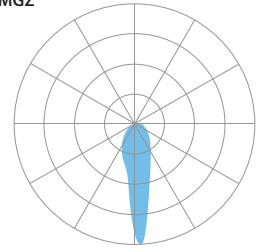
WALL SIDE	Vertical Angle	0°	25°	45°	65°	90°
	90°	0	0	0	0	0
85°	27	27	30	32	31	
75°	79	83	104	111	97	
65°	151	163	225	232	167	
55°	281	310	450	440	259	
45°	550	613	811	662	373	
35°	1042	1087	1078	764	491	
25°	1256	1209	1024	798	607	
15°	1019	993	906	808	698	
5°	835	833	808	782	747	
0°	754	754	754	754	754	
ROOM SIDE	5°	658	668	682	712	747
	15°	520	528	550	605	698
	25°	450	456	466	499	607
	35°	397	397	402	414	491
	45°	349	344	335	333	373
	55°	294	285	261	243	259
	65°	232	217	184	160	167
	75°	154	141	107	93	97
	85°	57	55	36	30	31
90°	0	0	0	0	0	
Vertical Angle	180°	202.5°	225°	247.5°	270°	

MEDIUM WALL GRAZER

LOW OUTPUT:

BPRO5-FLSH-LED35-LO-4-MGZ

2037 Delivered Lumens
15 Watts
135 lm/w
4000 CCT



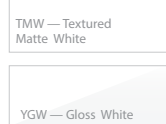
2296

Zonal Lumen Summary:
0-90 = 100%

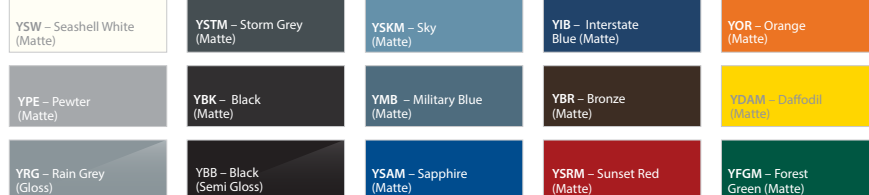
WALL SIDE	Vertical Angle	0°	25°	45°	65°	90°
	90°	0	0	0	0	0
85°	52	53	32	27	28	
75°	155	141	89	91	95	
65°	217	181	145	181	189	
55°	222	208	216	313	374	
45°	259	264	301	480	714	
35°	336	349	400	698	1226	
25°	440	461	565	1082	1773	
15°	713	788	1064	1748	2139	
5°	1982	2053	2187	2332	2291	
0°	2296	2296	2296	2296	2296	
ROOM SIDE	5°	1541	1586	1772	2052	2291
	15°	612	650	831	1358	2139
	25°	423	435	505	851	1773
	35°	332	342	380	588	1226
	45°	250	254	292	426	714
	55°	208	195	208	291	374
	65°	210	171	141	174	189
	75°	162	137	86	90	95
	85°	57	53	30	26	28
90°	0	0	0	0	0	
Vertical Angle	180°	202.5°	225°	247.5°	270°	

FINISH COLORS

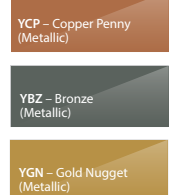
STANDARD:



PREMIUM:



LUXE METALLICS:



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

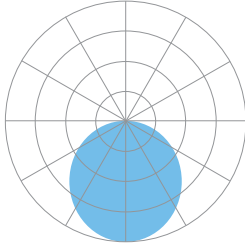


REG.5:

SATIN LENS

STANDARD OUTPUT:
BPRO5-REC-REG.5-LED35-SO-SAL

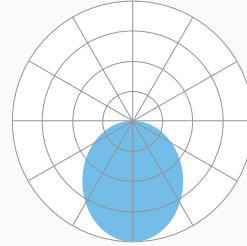
3784 Delivered Lumens
33 Watts
115 Lm/W
3500 CCT



REG1:

STANDARD OUTPUT:
BPRO5-REC-REG1-LED35-SO-4-SAL

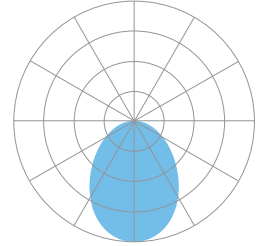
3631 Delivered Lumens
31 Watts
117 Lm/W
3500 CCT



REG3:

STANDARD OUTPUT:
BPRO5-REC-REG3-LED35-SO-4-SAL

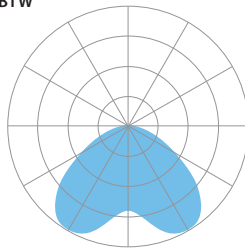
3226 Delivered Lumens
31 Watts
104 Lm/W
3500 CCT



BATWING

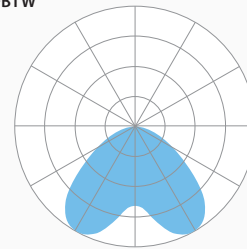
STANDARD OUTPUT:
BPRO4-REG.5-LED35-SO-4-BTW

3885 Delivered Lumens
31 Watts
125 Lm/W
3500 CCT



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

3738 Delivered Lumens
31 Watts
120 Lm/W
3500 CCT

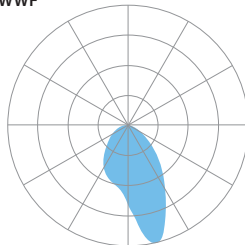


BTW, WWF, WWG/PFL NOT AVAILABLE WITH REG3

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

3907 Delivered Lumens
31 Watts
124 Lm/W
3500 CCT

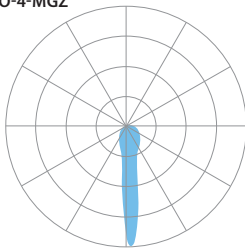


BTW, WWF, WWG/PFL NOT AVAILABLE WITH REG3

MEDIUM WALL GRAZER

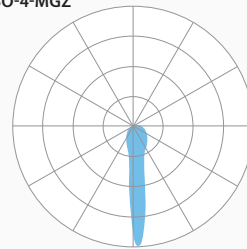
STANDARD OUTPUT:
BPRO5-REC-REG.5-LED35-SO-4-MGZ

3941 Delivered Lumens
31 Watts
126 Lm/W
3500 CCT
16° FWHM



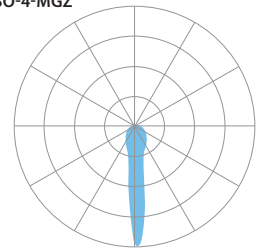
STANDARD OUTPUT:
BPRO5-REC-REG1-LED35-SO-4-MGZ

3926 Delivered Lumens
31 Watts
125 Lm/W
3500 CCT
16° FWHM



STANDARD OUTPUT:
BPRO5-REC-REG1-LED35-SO-4-MGZ

3926 Delivered Lumens
31 Watts
125 Lm/W
3500 CCT
16° FWHM





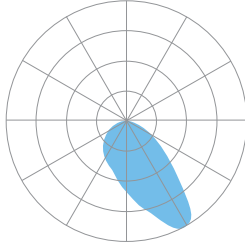
REG.5:

FOCAL GLOW WALL WASH / PERIMETER FILL

STANDARD OUTPUT:

BPRO5-REC-REG.5-LED35-SO-4-PFL

3784 Delivered Lumens
33 Watts
115 Lm/W
3500 CCT

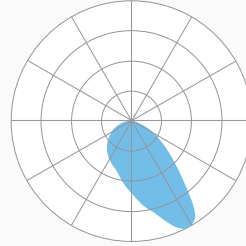


REG1:

STANDARD OUTPUT:

BPRO5-REC-REG1-LED35-SO-4-PFL

3877 Delivered Lumens
32 Watts
123 Lm/W
3500 CCT



REG3:

BTW, WWF, WWG/PFL NOT AVAILABLE WITH REG3

UPTO **127** LPW

REG.5:		LO	MO	SO	HO
SAL	Lm/Ft	475	690	1000	1250
BTW	Lm/Ft	500	750	1025	1300
WWF	Lm/Ft	500	750	1025	1300
WWG/PFL	Lm/Ft	500	750	1025	1300
MGZ	Lm/Ft	500	750	1025	1300
	W/Ft	3.8	5.6	7.8	10.5

LUMEN CHART AT 3500K-80 CRI

UPTO **125** LPW

REG1:		LO	MO	SO	HO
SAL	Lm/Ft	425	650	875	1150
BTW	Lm/Ft	450	675	925	1190
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 **117** LPW

REG3:		LO	MO	SO	HO
SAL	Lm/Ft	400	590	800	1040
MGZ	Lm/Ft	450	670	900	1250
	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

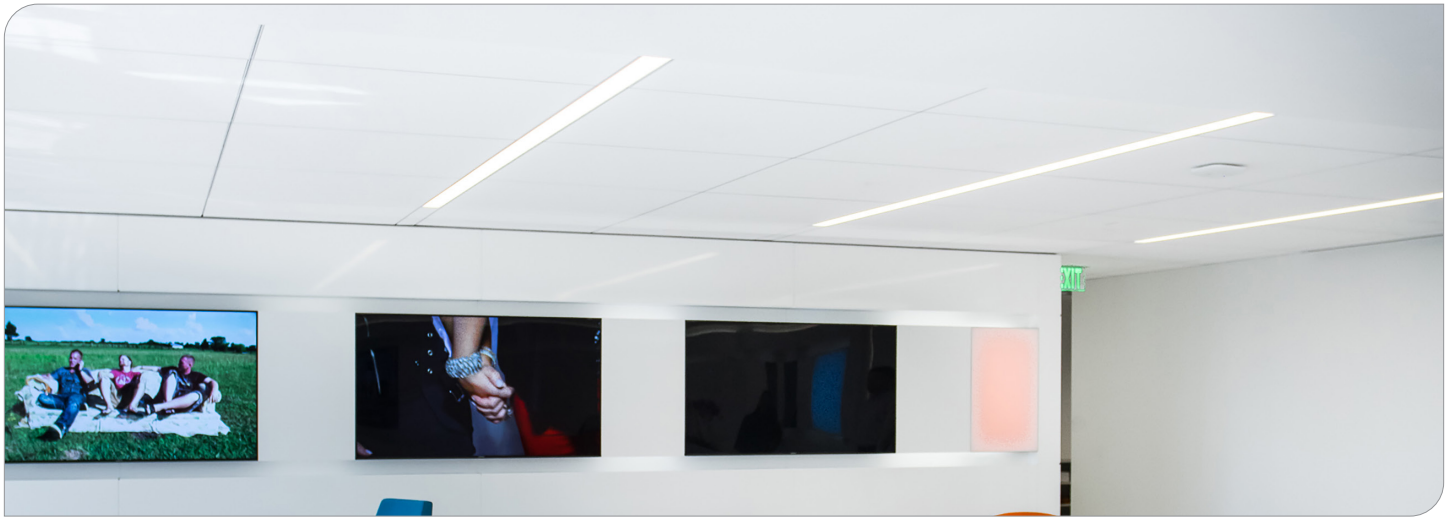
Insulation Detector (ID) REQUIRED for non IC-rated fixtures
Non IC-rated = **NO INSULATION ALLOWED**

ID REQUIRED for:

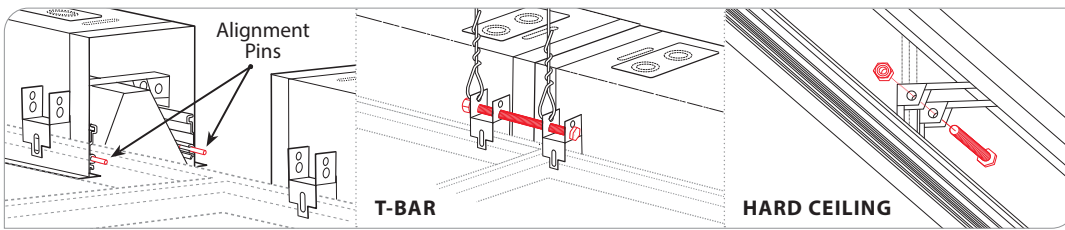
Osram	ELDO	Lutron & Signify	EMHE	Custom Length*	EMHE + Custom Length
—	—	—	—	HO	SO / HO

* Custom length = field adjustable, not 1' increments

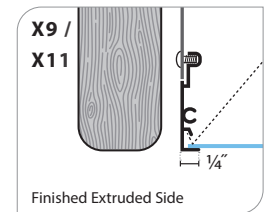
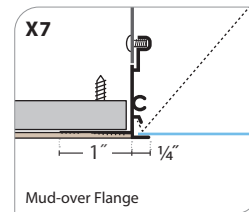
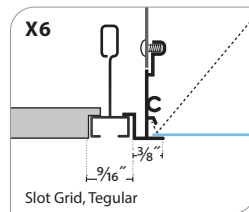
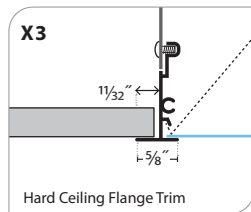
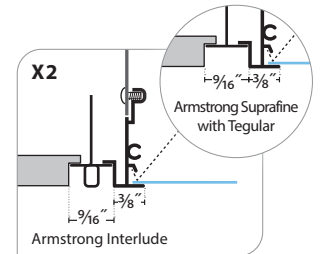
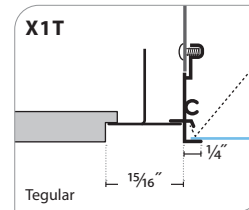
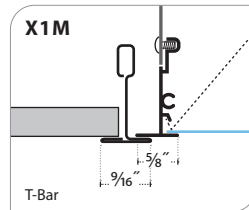
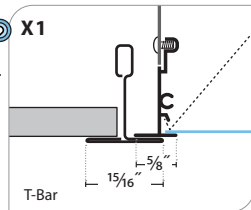
Request **Insulation Detector Side Mount (IDSM)** if plenum less than 6"



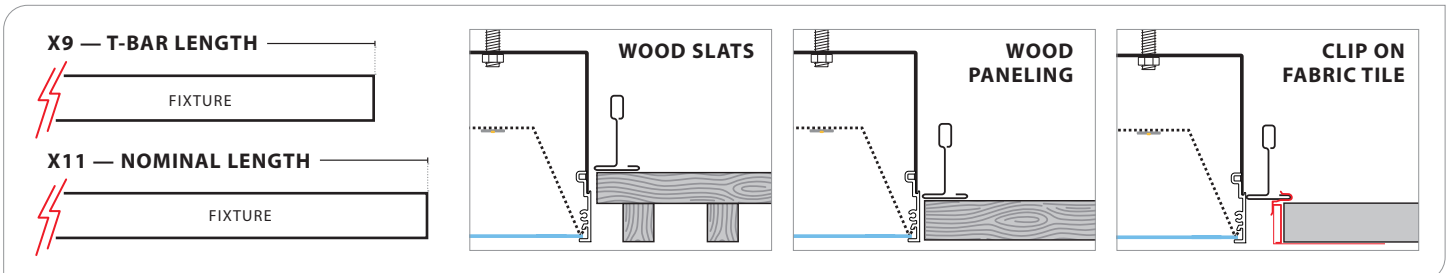
ADJOINING DETAILS



CEILING SYSTEMS



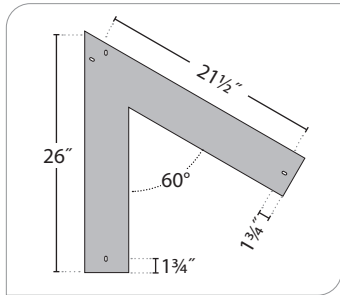
X9 / X11



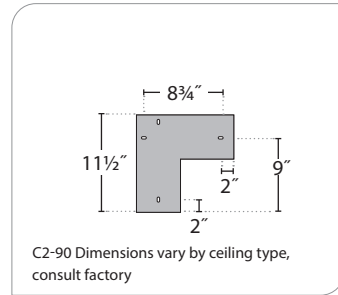


Corners

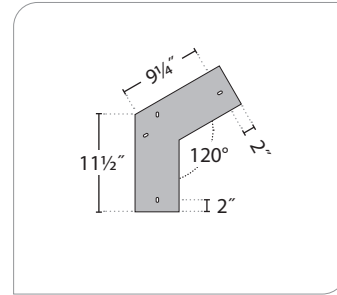
C2-60:



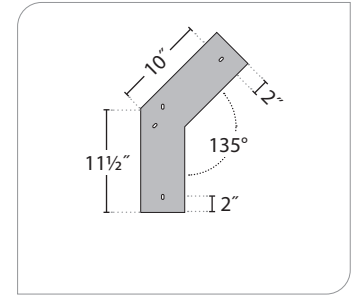
C2-90:



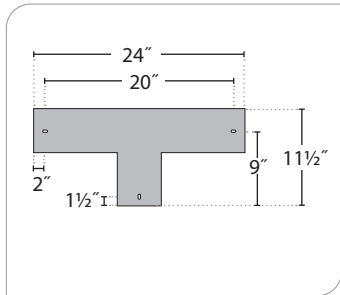
C2-120:



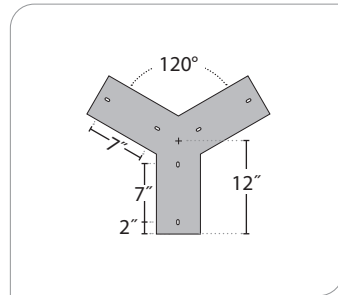
C2-135:



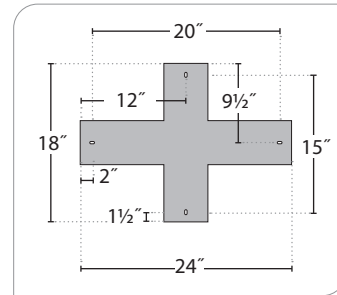
C3T:



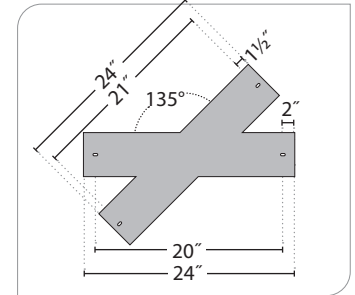
C3Y:



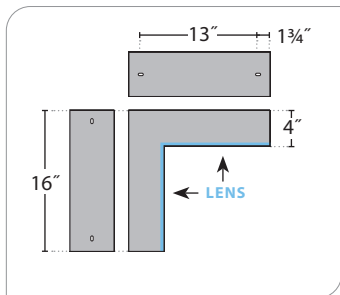
C4T:



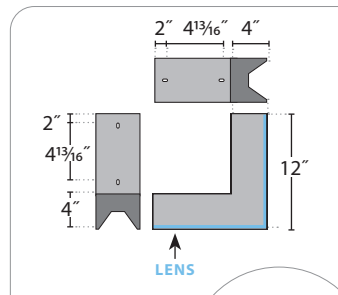
C4X:



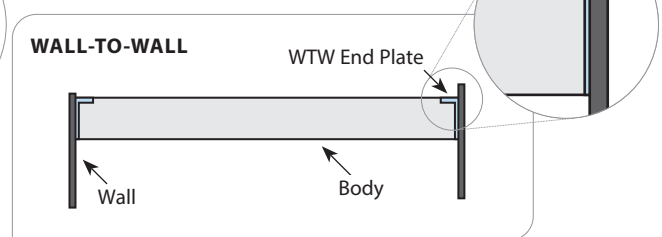
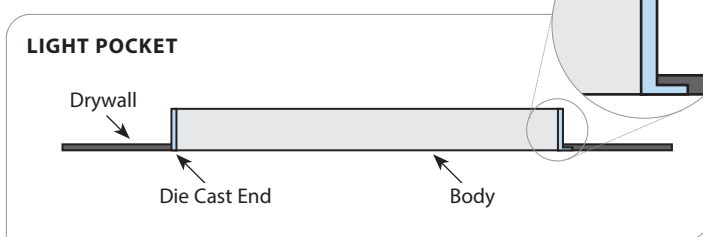
C8I:



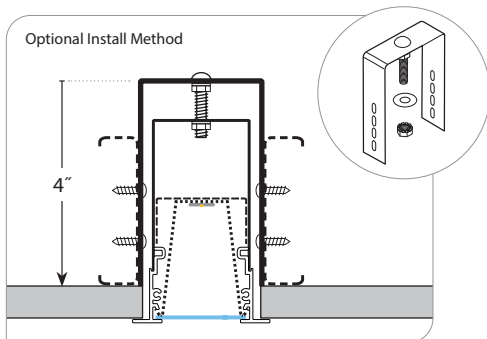
C8O:



MOUNTING



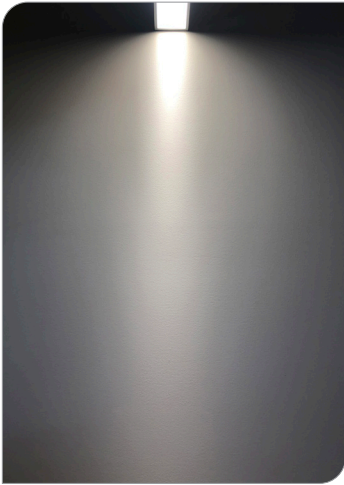
OVERHEAD MOUNTING BRACKETS (OMB)



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

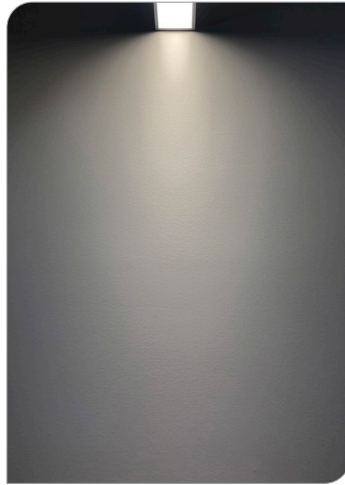


FTR END OF ROW FEATHERING



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



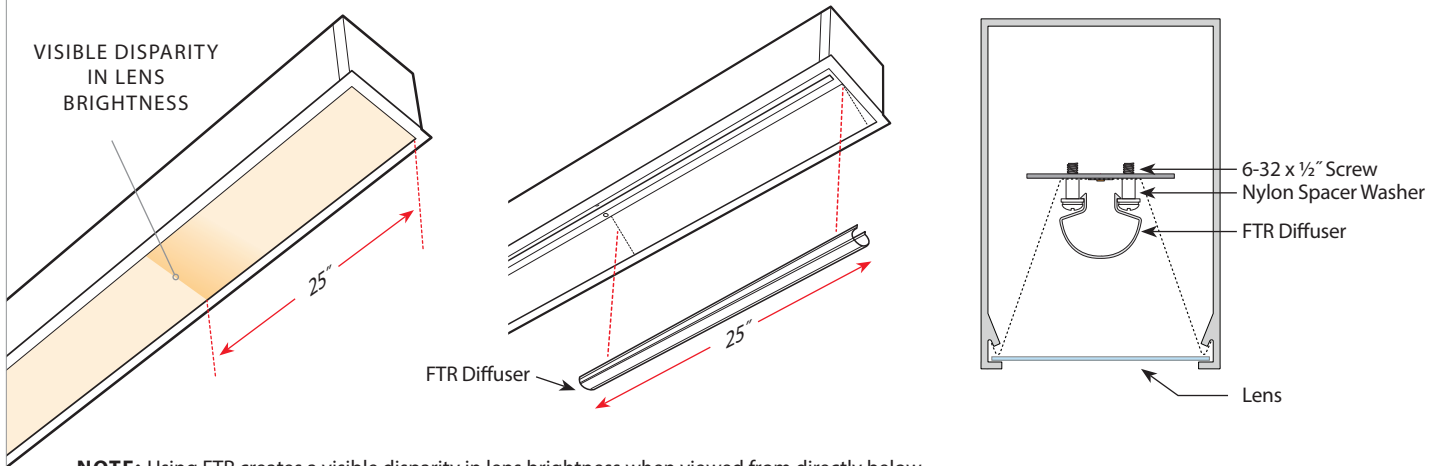
Low Glare Prismatic lens has a dynamic 'prismatic stripe' that 'follows the viewer' and offers a sense of depth. The narrow distribution has low glare (UGR) and meets WELL UGR of 16 or lower. It utilizes the FTR Diffuser (see below).

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



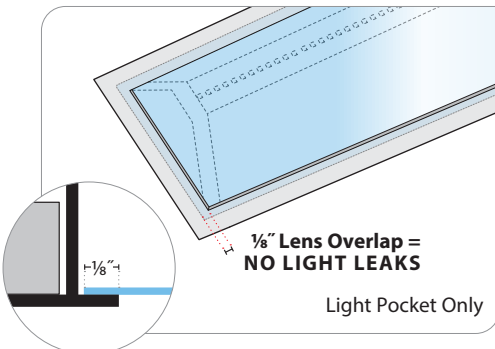
WELL OPTION 1B,
FIXTURE UGR 16 OR LESS

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.

CAST ALUMINUM END CAPS



SENSOR PLATE



LOUVER DETAIL



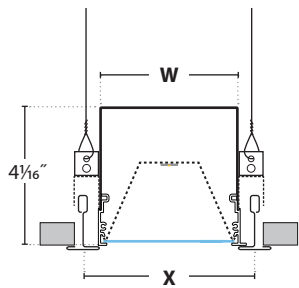


GRID TO GRID (T-BAR):

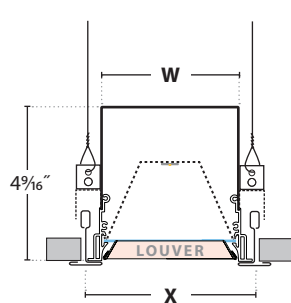
APERTURE	BPRO2	BPRO3	BPRO4	BPRO5
W = FIXTURE WIDTH	2"	3"	4"	5"
X = GRID TO GRID SPACING	3"	4"	5"	6"

T-BAR — X1, X1M, X1T, X2, X6

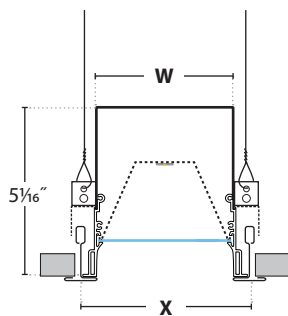
FLSH:



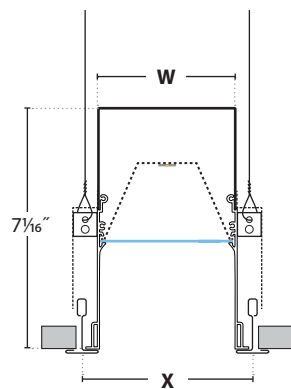
LVR:



REG1:



REG3:

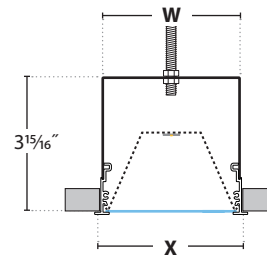


HARD CEILING OPENING:

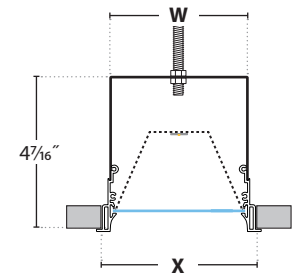
APERTURE	BPRO2	BPRO3	BPRO4	BPRO5
W = FIXTURE WIDTH	2"	3"	4"	5"
X = CEILING OPENING (FLUSH)	2 1/4"	3 1/4"	4 1/4"	5 1/4"
(LVR, REG.5, LVR1, REG1, LVR3, REG3)	2 3/8"	3 3/8"	4 3/8"	5 3/8"
FIXTURE ROUGH IN LENGTH =	Fixture Length + 1 1/16"			

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

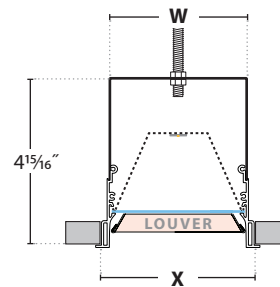
FLSH:



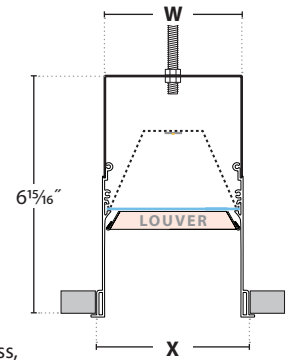
REG.5:



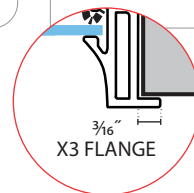
LVR1:



LVR3:



NOTE: X3 Hard Ceiling with Louver/Regress, fixtures **MUST** be installed before drywall

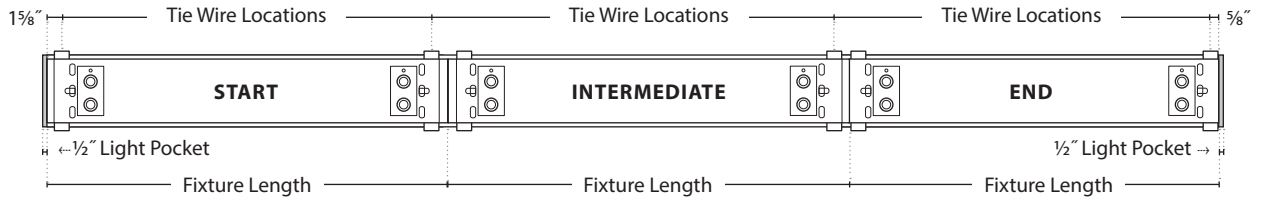




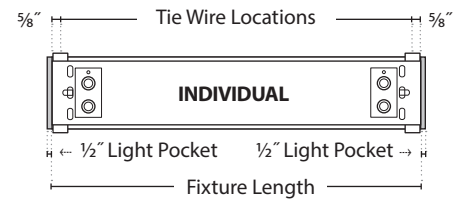
MOUNTING LOCATIONS

T-BAR — X1, X1M, X1T, X2, X6, X9

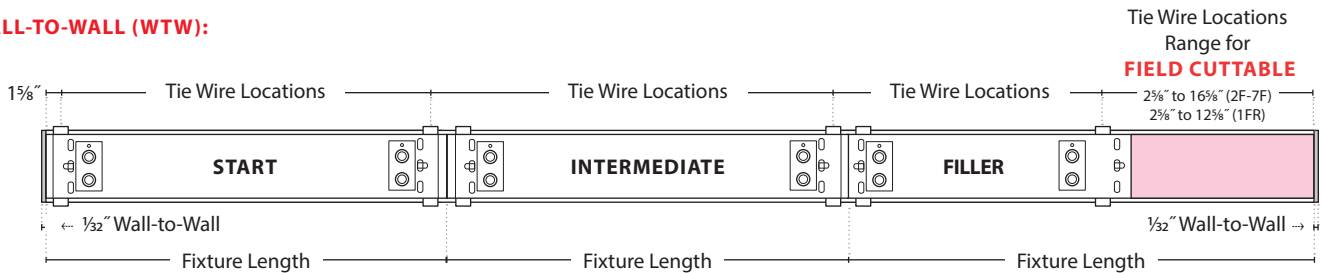
LIGHT POCKET (LP):



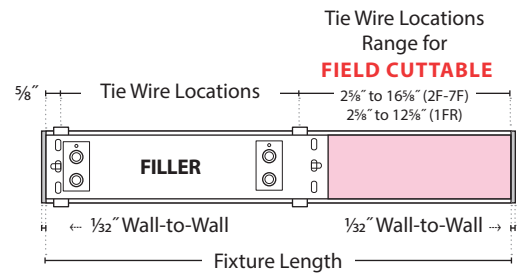
	FIXTURE LENGTHS		TIE WIRE LOCATIONS		
	Start / Intermediate	End / Individual	Start / Individual	Intermediate	End
2'	24"	22"	20 3/4"	24"	23"
3'	36"	34"	32 3/4"	36"	35"
4'	48"	46"	44 3/4"	48"	47"
5'	60"	58"	56 3/4"	60"	59"
6'	72"	70"	68 3/4"	72"	71"
7'	84"	82"	80 3/4"	84"	83"
8'	96"	94"	92 3/4"	96"	95"



WALL-TO-WALL (WTW):

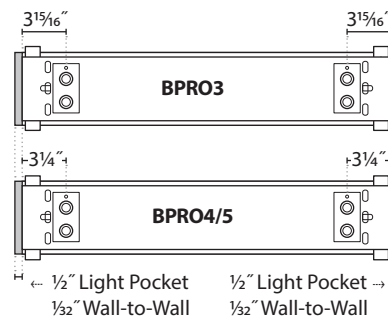


	FIXTURE LENGTH	TIE WIRE LOCATIONS	
		Start	Intermediate
—	—	—	—
2'	24"	20 3/4"	24"
3'	36"	32 3/4"	36"
4'	48"	44 3/4"	48"
5'	60"	56 3/4"	60"
6'	72"	68 3/4"	72"
7'	84"	80 3/4"	84"
8'	96"	92 3/4"	96"



	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:

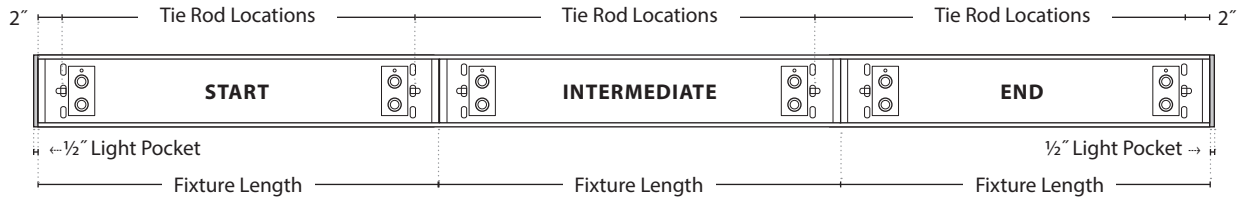




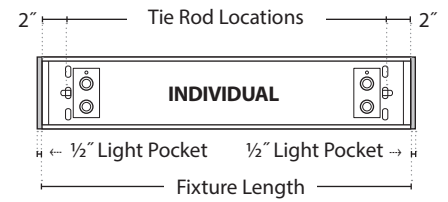
MOUNTING LOCATIONS

HARD CEILING — X3, X7, X11

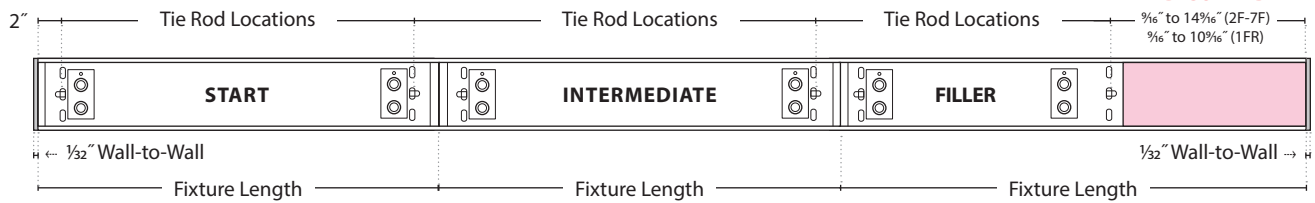
LIGHT POCKET (LP):



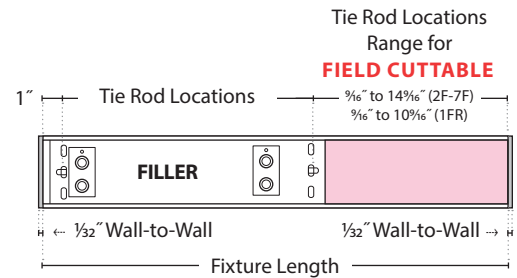
	FIXTURE LENGTHS		TIE ROD LOCATIONS		
	Start / Intermediate	End / Individual	Start / Individual	Intermediate	End
2'	24"	24"	20"	24"	24"
3'	36"	36"	32"	36"	36"
4'	48"	48"	44"	48"	48"
5'	60"	60"	56"	60"	60"
6'	72"	72"	68"	72"	72"
7'	84"	84"	80"	84"	84"
8'	96"	96"	92"	96"	96"



WALL-TO-WALL (WTW):

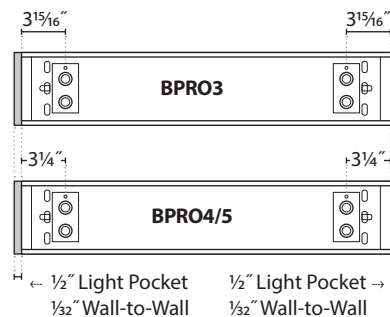


	FIXTURE LENGTH	TIE ROD LOCATIONS	
		Start	Intermediate
—	—	—	—
2'	24"	20"	24"
3'	36"	32"	36"
4'	48"	44"	48"
5'	60"	56"	60"
6'	72"	68"	72"
7'	84"	80"	84"
8'	96"	92"	96"



	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:



HARD CEILING LENS INSTALL VIDEO



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

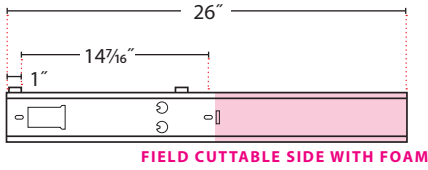
WALL-TO-WALL (WTW):

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")

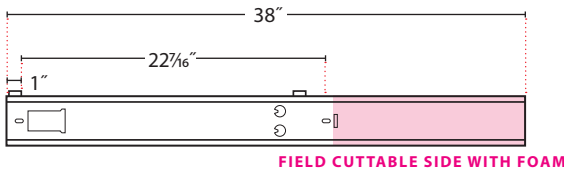


FILLER FIXTURES

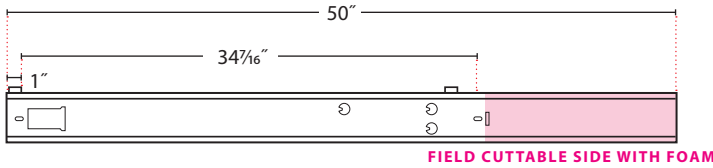
1FR (REMOTE DRIVER):



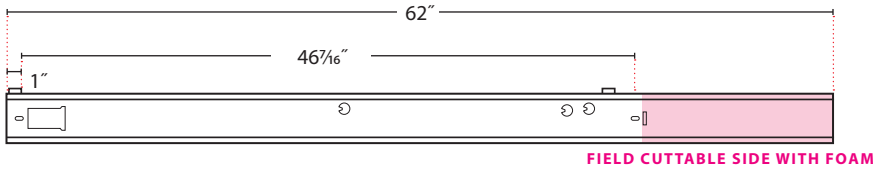
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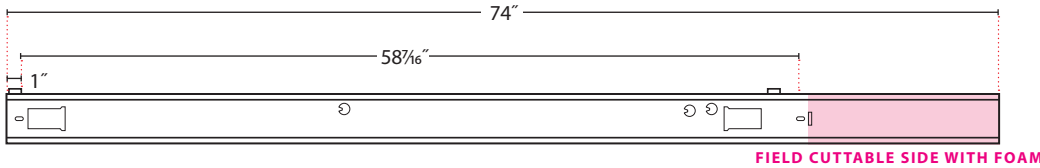
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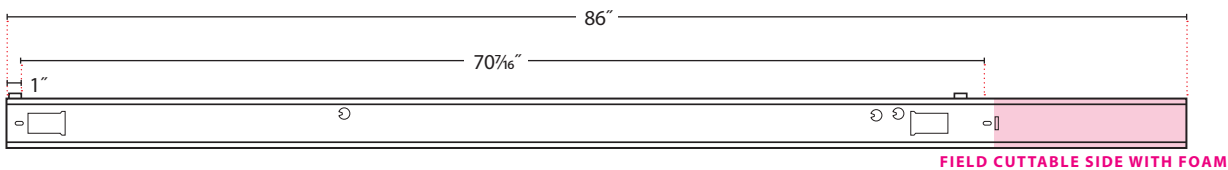
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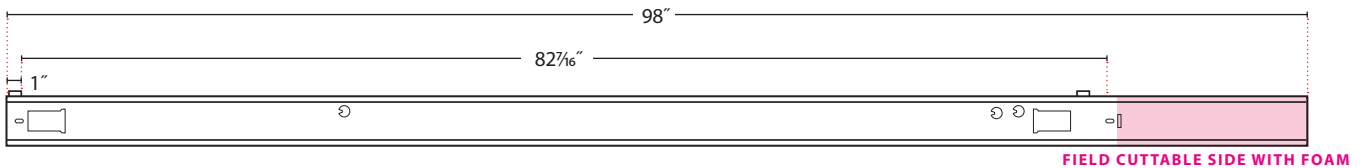
5F:



6F:



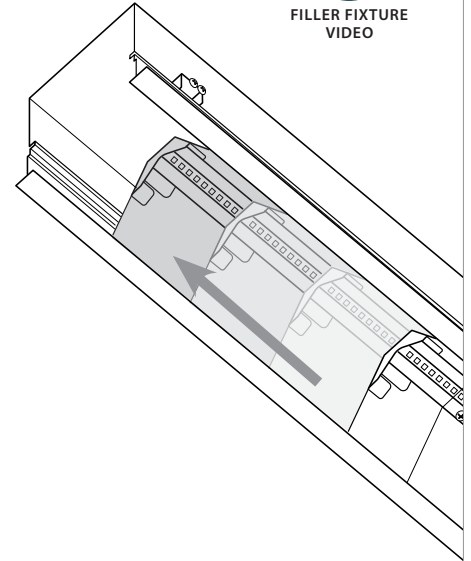
7F:



- 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

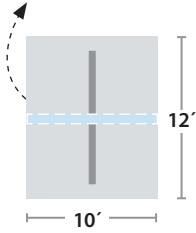
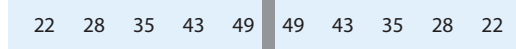
BionicPro5 Batwing Vs. Top 5" Competitor (Satin Lens)

SINGLE OFFICE

BionicPro5



Top Competitor

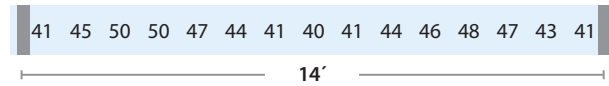


	BionicPro5	Competitor
LPW	131	113
SPACING CRITERIA	1.95	1.2
MAX/MIN	1.7	2.3
W/SQ. FT.	.38	.4
FC AVERAGE	27	29

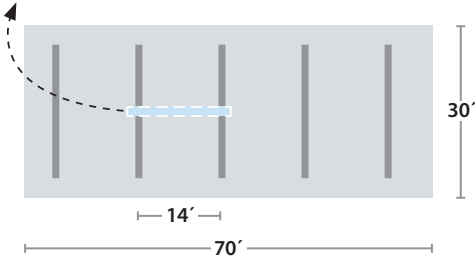
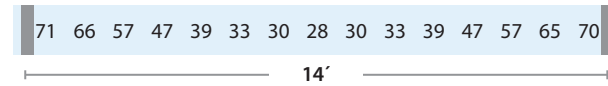
9' ceiling .85 l/f BionicPro5—5.7w/ft Competitor—6w/ft Footcandles at 30" working plane

OPEN OFFICE

BionicPro5



Top Competitor



	BionicPro5	Competitor
LPW	131	113
SPACING CRITERIA	1.95	1.2
MAX/MIN	2.2	3.9
MAX/MIN BETWEEN ROWS	1.2	2.5
W/SQ. FT.	.36	.38
FC AVERAGE	36	37

9' ceiling .85 l/f BionicPro5—5.7w/ft Competitor—6w/ft Footcandles at 30" working plane

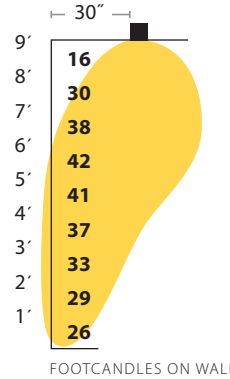


Smooth, flat wall washing (WWF)

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'	32 fc	42/16	2.6
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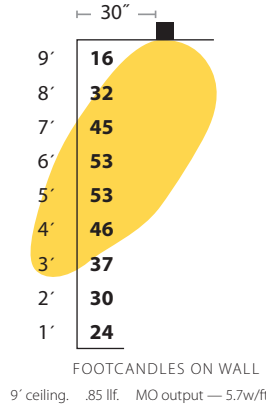


Focal glow wall washing (WWG)

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

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

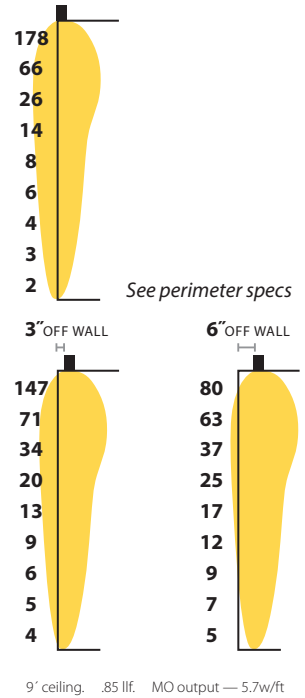
Medium Output 700 lumens/ft	6	9'	37 fc	53/16	3.3
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Medium Wall Graze

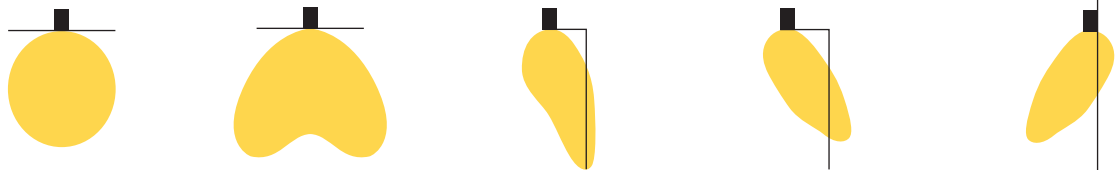
Wall grazing performance often better just off a wall.

PERIMETER



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



WIRING DIAGRAMS
SPEC



PRUDENTIAL LTG.

PRULITE.COM 213.746.0360

Lumen Outputs:

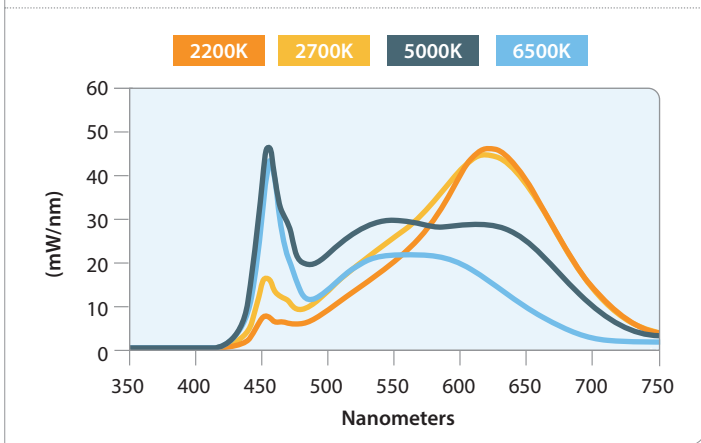
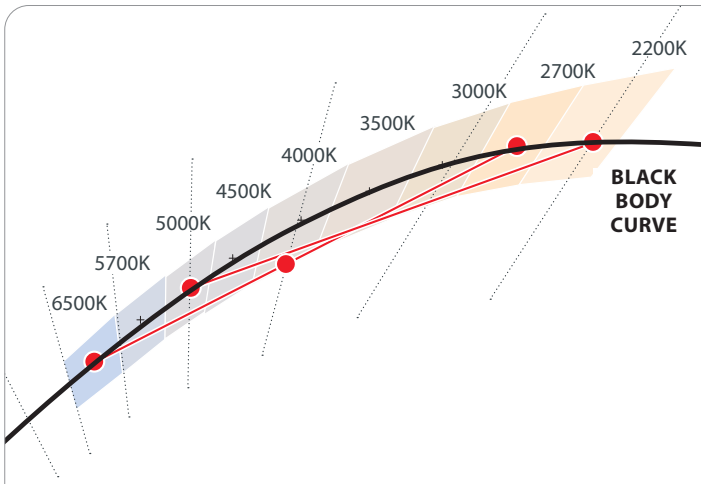
		BLUHUE	TUHUE	TUHUE2	AMBERHUE
DIRECT:		LO	MO	SO	HO*
	SAL Lm/Ft	205	385	550	715
	BTW /WWG /PFL Lm/Ft	215	395	565	730
	LPG /WWF / MGZ Lm/Ft	225	405	580	750
	W/Ft	3.8	5.6	7.8	10.5

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



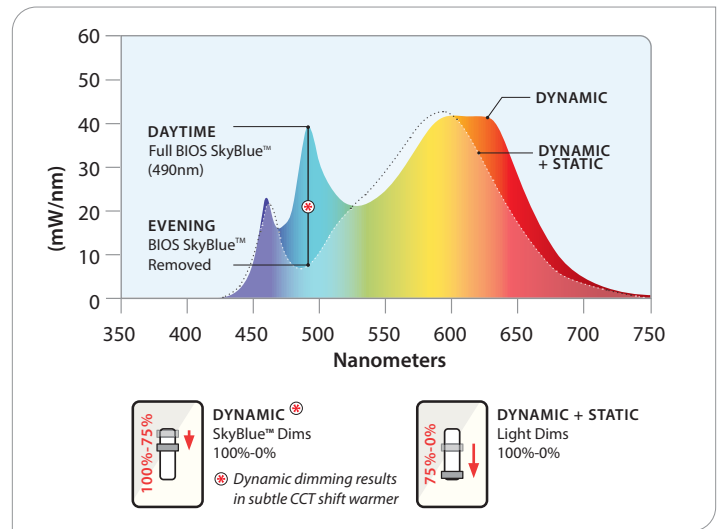
Prudential Lighting's **TuHue** Tunable White provides warm to cool white light simulating sunlight. Controlling the light source color temperature offers differing design aesthetics with potential benefits via circadian rhythm support. Blue light for alertness while warm light conveys tranquility.

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



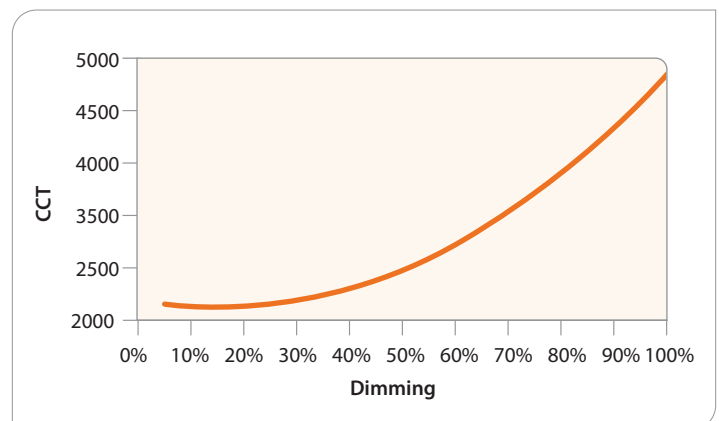
BluHue BIOS SkyBlue™ circadian LED lighting brings the benefits of blue skies inside. Newly discovered blue-sky receptors in our eyes drive improved daytime alertness, mood, brain function, and strengthens circadian rhythms leading to overall better health and well-being.

- 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.

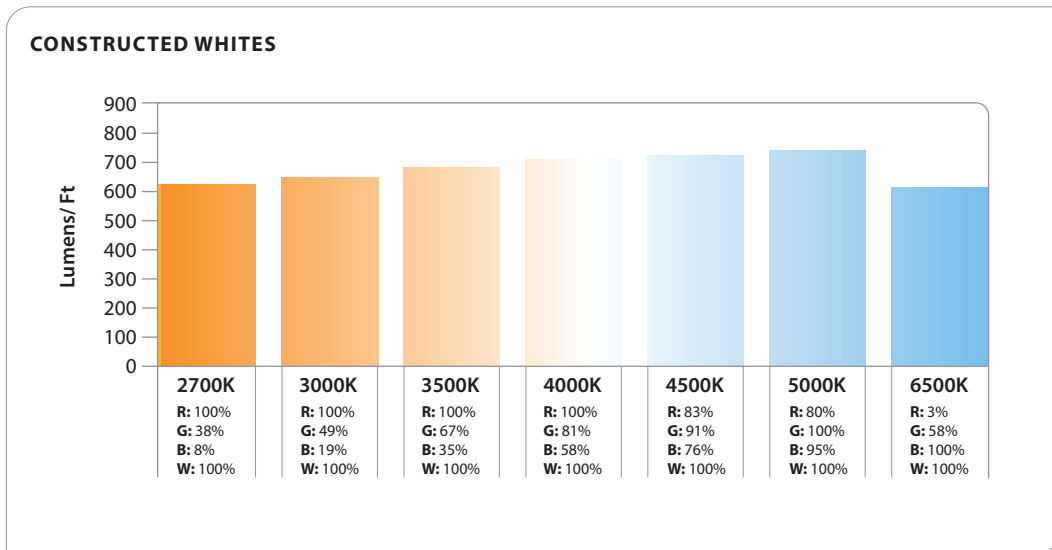
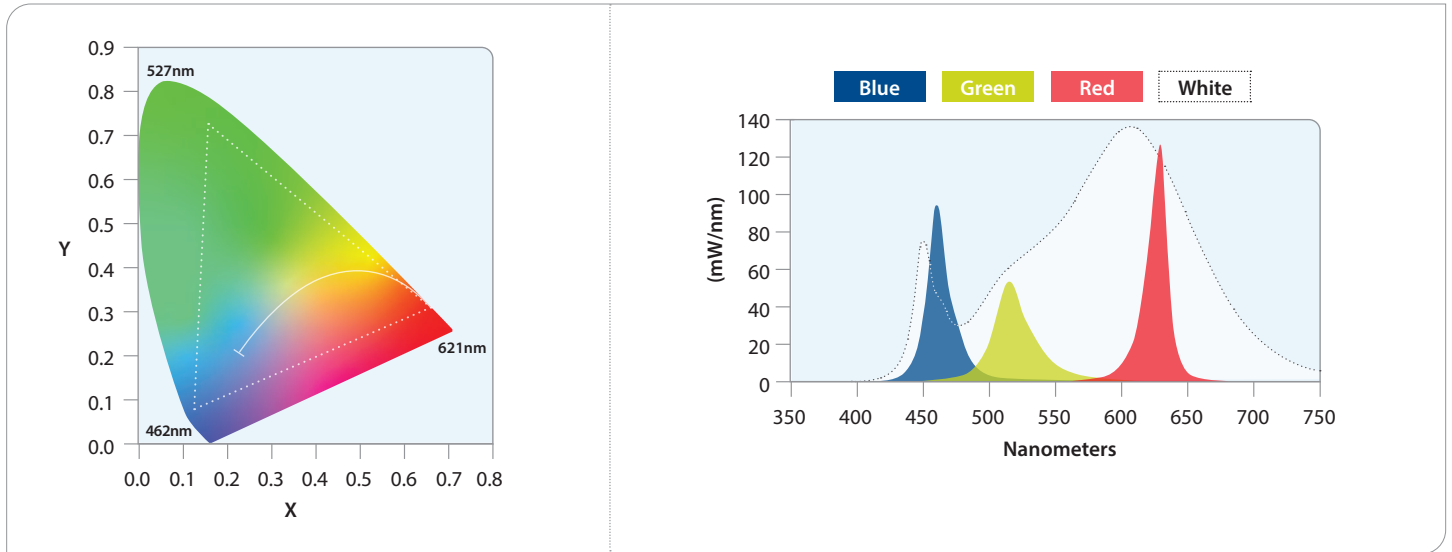
- Color temperature warms as the luminaire is dimmed. also reminiscent of your glowing tan lamp.
- Calm, relaxing mood communicated – hospitality, residential feel.





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

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

			
NLT-AIR-rIO: Daylight+Occ	NLT-AIR-ADCX: Daylight+(PIR Acoustic) Occ	NLT-WIRED-nIO: Daylight+Occ	NLT-WIRED-ADCX: Daylight+(PIR Acoustic) Occ
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.	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. 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.	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.	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. For rooms like classrooms and private offices or any space with obstructions, the nES PDT 7 dual technology sensor is recommended.