



T-BAR (X1, X1M, X1T, X2, X6, X9)

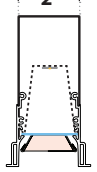
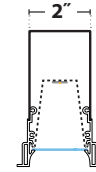
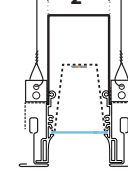
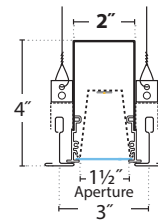
HARD CEILING (X3, X7, X11)

FLSH

REG1

REG.5

LVR1



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	415	575	790	1000
BTW	Lm/Ft	410	610	845	1060
WWF	Lm/Ft	425	625	875	1100
WWG / PFL	Lm/Ft	400	600	825	1050
NGZ	Lm/Ft	450	675	950	1250
MGZ	Lm/Ft	425	625	875	1100
WGZ	Lm/Ft	450	675	950	1250
LGP	Lm/Ft	425	625	875	—
	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	DISTRIBU-TION	MOUNT-ING	CIRCU-ITING	VOLT-AGE	CEILING SYSTEMS	DRIVERS	OPTIONS, CONTROL SENSORS & CORNERS
BPRO2-REC	2" Slot								SC				
BionicPro 2" Slot	<p>FLSH Flush Lens</p> <p>LVR Louver Flush</p> <p>REG.5 1/2" Regress</p> <p>LVR1 Louver 1/2" Regress</p> <p>REG1 1" Regress</p> <p>LVR3 Louver 2 1/2" Regress</p> <p>REG3 3" Regress</p> <p>* NA BTW/ WWF/ WWG/ PFL</p>	<p>LED27 2700K (90CRI)</p> <p>LED3 3000K</p> <p>LED35 3500K</p> <p>LED4 4000K</p> <p>LED3-90 3000K (90CRI)</p> <p>LED35-90 3500K (90CRI)</p> <p>LED4-90 4000K (90CRI)</p> <p>LED5-90 5000K (90CRI)</p> <p>STATIC: BLU3S BLU35S BLU4S</p> <p>DYNAMIC: BLU3D* BLU35D* BLU4D*</p> <p>TU TuHue 2700-6500K Tunable White</p> <p>TU2**TuHue 2200-5000K Tunable White</p> <p>AMB** AmberHue Warm Dim 2200K-5000K</p> <p>**NA HO</p> <p>CHR Chroma-Hue RGBW (DMX at HO only)</p>	<p>LO Low</p> <p>MO Medium</p> <p>SO Standard</p> <p>HO High</p> <p>PROG Programmable Light Output (Specify desired lm/ft or w/ft)</p>	<p>2'</p> <p>3'</p> <p>4'</p> <p>5'</p> <p>6'</p> <p>7'</p> <p>8'</p> <p>R (Row Length, 1/16" increments)</p>	<p>TMW Textured Matte White (Standard)</p> <p>YGW Gloss White</p> <p>YSL Silver (Metallic)</p> <p>YBK Black (Matte)</p> <p>LUXE METAL-LICS: YBZ Bronze YCP Copper Penny YGN Gold Nugget</p>	<p>SKIP COLUMN IF LOUVER IS NOT NEEDED</p> <p>TMW Textured Matte White</p> <p>YGW Gloss White</p> <p>YBK Black Matte</p> <p>Y Premium Color</p> <p>CC Custom Color</p> <p>LUXE METAL-LICS: YBZ Bronze YCP Copper Penny YGN Gold Nugget</p>	<p>SAL Satin Lens</p> <p>BTW** Batwing</p> <p>WWF** Flat Wall Wash</p> <p>WWG** Focal Glow Wall Wash</p> <p>NGZ Narrow Wall Graze</p> <p>MGZ Medium Wall Graze</p> <p>WGZ Wide Wall Graze</p> <p>LGP Low Glare Prismatic (NA HO)</p> <p>PFL** Perimeter Room Fill **NA Reg3 / Lvr3</p>	<p>LP Light Pocket</p> <p>WTW Wall to Wall</p> <p>See page 8 for details</p> <p>All non nominal lengths require FIELD CUTTABLE filler fixture at end of row</p>	<p>SC Single Circuit</p>	<p>UNV (120-277)</p> <p>120</p> <p>277</p> <p>347 (Emergency battery requires a Step Down transformer and remote box)</p>	<p>X1 T-Bar 1 5/16"</p> <p>X1M T-Bar 9/16"</p> <p>X1T 1 5/16" T-Bar Tegular</p> <p>X2 Dimensional T-Bar Armstrong Interlude®, Tegular</p> <p>X3 Hard Ceiling (Flange Trim)</p> <p>X6 Slot Grid, Tegular</p> <p>X7 Mud-Over Flange</p> <p>X9** Finished Extruded Side (Grid Ceiling)</p> <p>X11** Finished Extruded Side (Ceilings needing nominal lengths)</p> <p>** See page 7</p>	<p>ND Non-Dimming DM01 0-10v, 1% Dimming</p> <p>LDE1 Hi-lume 1% EcoSystem LED (Soft fade on, fade-to-black dimming)</p> <p>ECO 1% 0-10v, EldoLED (Logarithmic dimming std)</p> <p>ECDA 1% DALI, EldoLED (Logarithmic dimming std)</p> <p>nLight-AirAcuity nLight Drivers (ECDA driver ONLY)</p> <p>nLight-Wired Acuity nLight Drivers (ECO driver ONLY, Requires Remote Driver)</p> <p>SOLO 0.1% 0-10v, EldoLED (Dim-to-dark, Logarithmic dimming std)</p> <p>SODA 0.1% DALI, EldoLED (Dim-to-dark, Logarithmic dimming std)</p> <p>STEP Signify Advance Step Dimming</p> <p>2WIRE ELV/ Forward/Reverse Phase Driver</p> <p>HUES:</p> <p>E10V 2 Channel Color Control</p> <p>EDALI 2 Channel Color Control</p> <p>EDMX Chroma-Hue or Static White</p> <p>NOTE: May require Insulation Detector (ID), see page 8</p>	<p>EMHE+ Emergency Battery (800 Delivered Lumens, CA Title 20 compliant, 4' or < Remote)</p> <p>ETS-DR+ Iota ETS-DR Emergency Transfer Switch ± 2" + 3": Non-IC rated, NA with UNV voltage, Adds 1 1/2" height, see page 6</p> <p>EMC Emergency Circuiting</p> <p>FTR Feather WTW Asymmetric on Perpendicular Wall (See page 9, NA HO or LGP)</p> <p>IDSM Insulation Detector Side Mount (for plenums <6" where fixtures are non-IC rated)</p> <p>CP Chicago Plenum</p> <p>OMB Overhead Mounting Bracket (X3, X7 and X9 optional installation — 2x per fixture)</p> <p>SENSORS: (See Page 21)</p> <p>205 WattStopper PIR Occupancy 205-ON/OFF</p> <p>205-STEP: Dim to 50% 205-DM: Dim to 1% (NA with DALI)</p> <p>ATHENA Lutron RF (Dim-to-Off Standard)</p> <p>LVOC** Lutron Vive (Occ & RF)</p> <p>LVRF** Lutron Vive (RF Only)</p> <p>** Requires Lutron driver</p> <p>NXSMP Hubbell (Occ)</p> <p>rES7 Daylight+(PIR Acoustic) (Occ) (nLight-Air) Part Number: rES7-PDT-180D-G2</p> <p>nES7 Daylight+(PIR Acoustic) (Occ) (nLight-Wired) Part Number: nES-PDT7-ADCX</p> <p>LUX Philips DLR</p> <p>CORNERS:</p> <p>C2-60 Lit 60°</p> <p>C2-90 Lit 90°</p> <p>C2-120 Lit 120°</p> <p>C2-135 Lit 135°</p> <p>C3T Lit 90° 3-Way: T</p> <p>C3T Lit 120° 3-Way: Y</p> <p>90° LOUVERS AVAILABLE (CONSULT FACTORY FOR OTHER ANGLES)</p> <p>LRT Linear to Recessed Transition</p> <p>NOTE: Corners currently NA with Louvers, consult factory</p> <p>DWNLT Downlights (See page 2)</p>

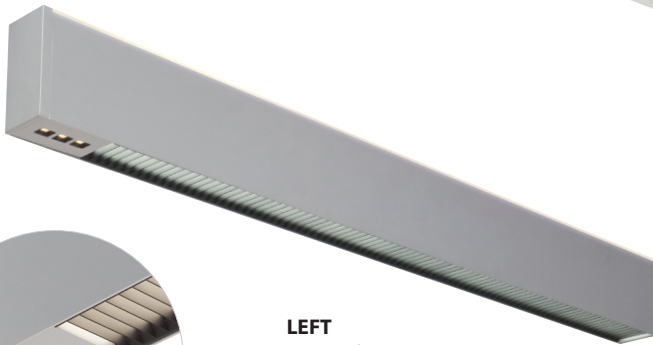
NOTE: All distributions available with Louvers

BionicPro2™ | Recessed Linear Downlights



PRUDENTIAL LTG.

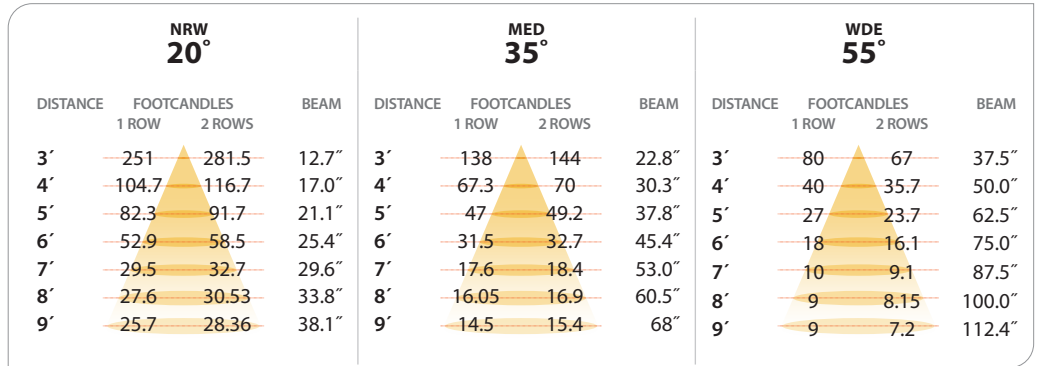
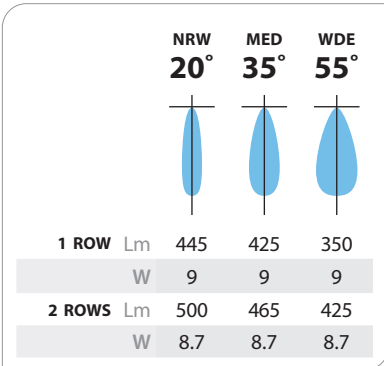
PRULITE.COM 213.746.0360



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



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



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)

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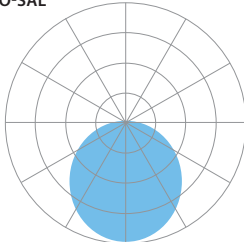


FLSH:

SATIN LENS (SAL)

MEDIUM OUTPUT:
BPRO2-REC-FLSH-LED35-MO-SAL

2300 Delivered Lumens
23 Watts
101 lm/w
3500 CCT
1.18 Spacing Criteria



Zonal Lumen Summary:
0-90 = 100%

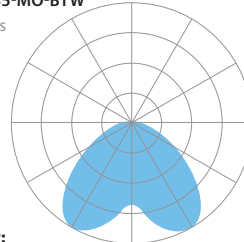
850

Vertical Angle	0°	25°	45°	65°	90°
0°	850	850	850	850	850
5°	841	842	840	846	852
15°	795	797	798	808	817
25°	715	718	723	739	750
35°	616	618	625	644	657
45°	504	504	513	531	547
55°	382	384	392	407	424
65°	257	259	267	281	295
75°	134	135	143	155	168
85°	21	23	28	38	48
90°	0	0	0	0	0

BATWING (BTW)

MEDIUM OUTPUT:
BPRO2-REC-FLSH-LED35-MO-BTW

2445 Delivered Lumens
23 Watts
107 lm/w
3500 CCT
1.82 Spacing Criteria



Zonal Lumen Summary:
0-90 = 100%

601

Vertical Angle	0°	25°	45°	65°	90°
0°	601	601	601	601	601
5°	651	644	622	606	598
15°	894	856	743	615	552
25°	1019	987	843	604	478
35°	568	708	993	1053	1030
45°	676	702	707	467	328
55°	466	487	514	355	266
65°	287	300	320	244	204
75°	141	148	160	141	133
85°	27	28	36	42	47
90°	0	0	0	0	0

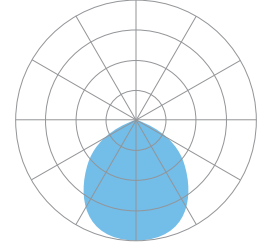
UGR17

WELL Building Standard

LOW GLARE PRISMATIC

STANDARD OUTPUT:
BPRO2-LED35-SO-LGP

3695 Delivered Lumens
32 Watts
117 lm/w
3500 CCT



Zonal Lumen Summary:
0-90 = 100%

2384

Vertical Angle	0°	25°	45°	65°	90°
0°	2384	2384	2384	2384	2384
5°	2336	2337	2339	2364	2385
15°	1834	1894	2042	2208	2280
25°	1165	1239	1494	1886	2068
35°	774	812	990	1440	1757
45°	547	568	662	982	1366
55°	357	368	418	601	924
65°	193	200	222	300	446
75°	88	92	99	124	162
85°	27	27	27	29	33
90°	0	0	0	0	0

UGR16

WELL Building Standard

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 lbs./ft.

MOUNTING Recessed into drywall or t-bar ceilings or walls.

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



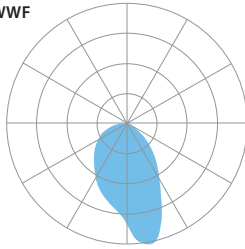
FLSH:

FLAT WALL WASH (WWF)

LOW OUTPUT:

BPRO2-FLSH-LED35-LO-4-WWF

1724 Delivered Lumens
15.40 Watts
110 lm/w
3500 CCT



1004

Zonal Lumen Summary:
0-90 = 100%

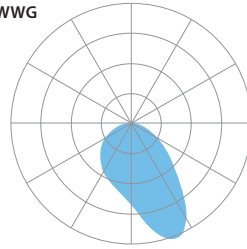
Vertical Angle	Vertical Angle					
	0°	25°	45°	65°	90°	
WALL SIDE	90°	0	0	0	0	0
	85°	16	16	19	22	24
	75°	60	62	77	82	82
	65°	121	128	160	170	159
	55°	209	222	276	315	291
	45°	334	355	427	509	455
	35°	504	528	608	714	592
	25°	709	739	836	859	694
	15°	996	1004	988	886	762
	5°	908	901	867	832	796
ROOM SIDE	0°	796	796	796	796	796
	5°	720	725	734	760	796
	15°	604	615	639	684	762
	25°	486	496	528	596	694
	35°	399	405	422	486	592
	45°	316	320	331	365	455
	55°	236	237	238	246	291
	65°	164	162	154	146	159
	75°	93	92	84	77	82
	85°	23	25	24	23	24
90°	0	0	0	0	0	
Vertical Angle	180°	202.5°	225°	247.5°	270°	

FOCAL GLOW WALL WASH (WWG)

LOW OUTPUT:

BPRO2-FLSH-LED35-LO-4-WWG

1656 Delivered Lumens
15 Watts
110 lm/w
3500 CCT



893

Zonal Lumen Summary:
0-90 = 100%

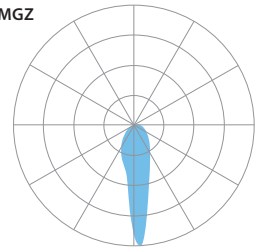
Vertical Angle	Vertical Angle					
	0°	25°	45°	65°	90°	
WALL SIDE	90°	0	0	0	0	0
	85°	17	17	21	24	26
	75°	62	67	86	90	85
	65°	132	143	189	180	147
	55°	241	261	340	314	226
	45°	394	427	532	473	328
	35°	618	660	725	604	604
	25°	870	874	826	678	525
	15°	893	871	796	694	595
	5°	722	716	689	662	632
ROOM SIDE	0°	634	634	634	634	634
	5°	565	570	578	601	632
	15°	487	491	499	529	595
	25°	436	438	441	458	525
	35°	385	384	382	387	432
	45°	329	326	318	311	328
	55°	262	259	244	225	226
	65°	186	182	164	145	147
	75°	102	102	89	81	85
	85°	24	26	25	24	26
90°	0	0	0	0	0	
Vertical Angle	180°	202.5°	225°	247.5°	270°	

MEDIUM WALL GRAZER (MGZ)

LOW OUTPUT:

BPRO2-FLSH-LED35-LO-4-MGZ

1722 Delivered Lumens
15 Watts
114 lm/w
4000 CCT



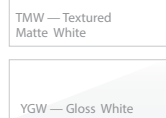
1608

Zonal Lumen Summary:
0-90 = 100%

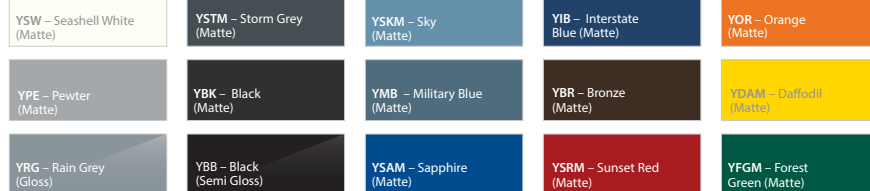
Vertical Angle	Vertical Angle					
	0°	25°	45°	65°	90°	
WALL SIDE	90°	0	0	0	0	0
	85°	15	17	18	22	24
	75°	58	61	65	75	82
	65°	112	116	125	153	171
	55°	177	183	203	281	355
	45°	256	267	304	453	652
	35°	358	375	437	654	989
	25°	505	531	616	928	1293
	15°	726	770	928	1354	1506
	5°	1514	1564	1640	1701	1611
ROOM SIDE	0°	1608	1608	1608	1608	1608
	5°	1051	1081	1198	1399	1611
	15°	606	620	689	955	1506
	25°	459	473	526	692	1293
	35°	337	348	392	528	989
	45°	244	250	281	380	652
	55°	168	170	190	245	355
	65°	108	107	116	139	171
	75°	56	56	59	70	82
	85°	13	13	14	19	24
90°	0	0	0	0	0	
Vertical Angle	180°	202.5°	225°	247.5°	270°	

FINISH COLORS

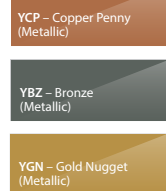
STANDARD:



PREMIUM:



LUXE METALLICS:



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

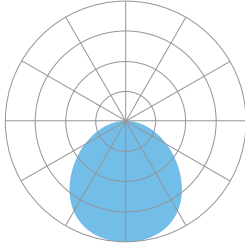


REG.5:

SATIN LENS

STANDARD OUTPUT:
BPRO2-REG.5-LED35-SO-SAL

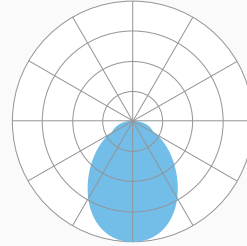
2610 Delivered Lumens
33 Watts
80 Lm/W
3500 CCT



REG1:

STANDARD OUTPUT:
BPRO2-REG1-LED35-SO-4-SAL

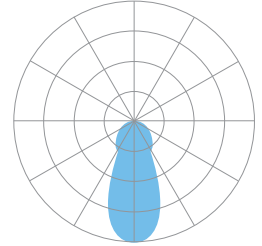
2534 Delivered Lumens
31 Watts
82 Lm/W
3500 CCT



REG3:

STANDARD OUTPUT:
BPRO2-REG3-LED35-SO-4-SAL

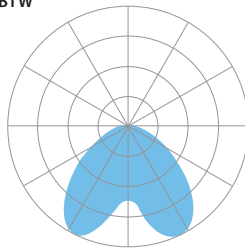
1960 Delivered Lumens
31 Watts
63 Lm/W
3500 CCT



BATWING

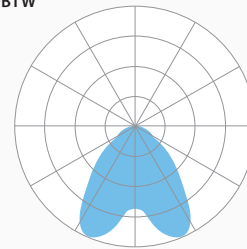
STANDARD OUTPUT:
BPRO2-REG.5-LED35-SO-4-BTW

2868 Delivered Lumens
31 Watts
92 Lm/W
3500 CCT



STANDARD OUTPUT:
BPRO2-REG1-LED35-SO-4-BTW

2540 Delivered Lumens
31 Watts
82 Lm/W
3500 CCT

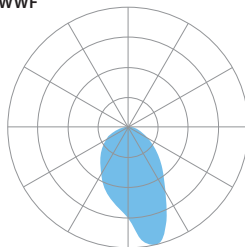


BTW, WWF, WWG/PFL NOT AVAILABLE WITH REG3

FLAT WALL WASH

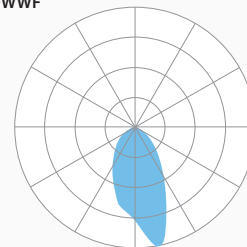
STANDARD OUTPUT:
BPRO2-REG.5-LED35-SO-4-WWF

3127 Delivered Lumens
31 Watts
101 Lm/W
3500 CCT



STANDARD OUTPUT:
BPRO2-REG1-LED35-SO-4-WWF

2903 Delivered Lumens
31 Watts
93 Lm/W
3500 CCT

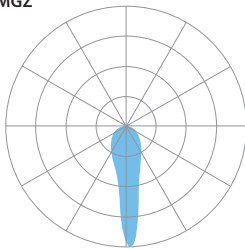


BTW, WWF, WWG/PFL NOT AVAILABLE WITH REG3

MEDIUM WALL GRAZER

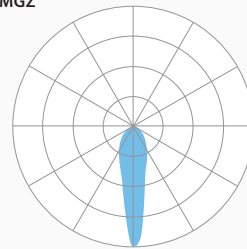
STANDARD OUTPUT:
BPRO2-REG.5-LED35-SO-4-MGZ

3210 Delivered Lumens
31 Watts
108 Lm/W
3500 CCT
19° FWHM



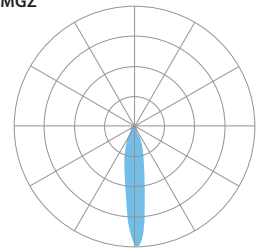
STANDARD OUTPUT:
BPRO2-REG1-LED35-SO-4-MGZ

3053 Delivered Lumens
31 Watts
98 Lm/W
3500 CCT
19° FWHM



STANDARD OUTPUT:
BPRO2-REG3-LED35-SO-4-MGZ

2495 Delivered Lumens
31 Watts
80 Lm/W
3500 CCT
18° FWHM





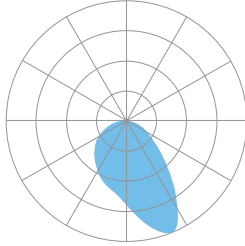
REG.5:

FOCAL GLOW WALL WASH / PERIMETER FILL

STANDARD OUTPUT:

BPRO2-REG.5-LED35-SO-4-WWG/PFL

- 3029 Delivered Lumens
- 33 Watts
- 96 Lm/W
- 3500 CCT

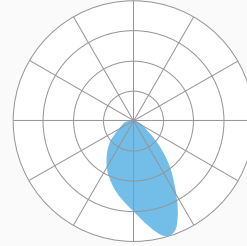


REG1:

STANDARD OUTPUT:

BPRO2-REG1-LED35-SO-4-WWG/PFL

- 2791 Delivered Lumens
- 32 Watts
- 90 Lm/W
- 3500 CCT



REG3:

BTW, WWF, WWG/PFL NOT AVAILABLE WITH REG3

UPTO **108** LPW

REG.5:		LO	MO	SO	HO
SAL	Lm/Ft	300	460	650	800
BTW	Lm/Ft	340	500	715	900
WWF	Lm/Ft	375	560	750	975
WWG/PFL	Lm/Ft	375	560	750	975
MGZ	Lm/Ft	400	590	800	1040
	W/Ft	3.8	5.6	7.8	10.5

LUMEN CHART AT 3500K-80 CRI

UPTO **98** LPW

REG1:		LO	MO	SO	HO
SAL	Lm/Ft	300	460	650	800
BTW	Lm/Ft	300	460	650	800
WWF	Lm/Ft	340	500	700	890
WWG/PFL	Lm/Ft	340	500	700	890
MGZ	Lm/Ft	375	560	750	975
	W/Ft	3.8	5.6	7.8	10.5

LUMEN CHART AT 3500K-80 CRI

UPTO **80** LPW

REG3:		LO	MO	SO	HO
SAL	Lm/Ft	245	360	490	600
MGZ	Lm/Ft	300	460	650	800
	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:

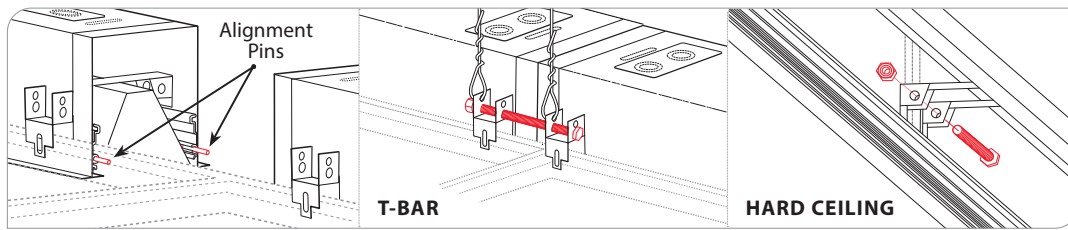
Osram	ELDO	Lutron & Signify	EMHE	Custom Length*	EMHE + Custom Length
HO	ALL	SO-HO	ALL	SO-HO	ALL
			ALL	ELDO ALL	

* Custom length = field adjustable, not 1' increments

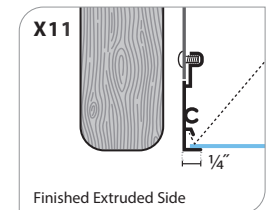
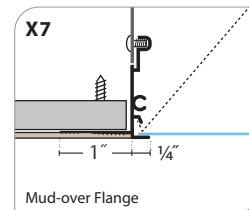
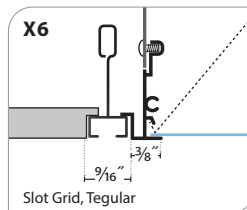
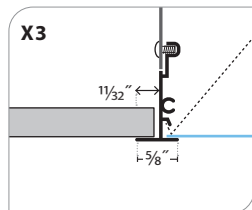
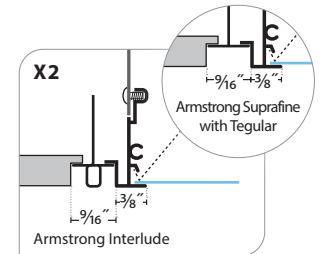
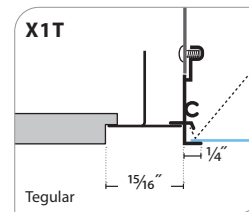
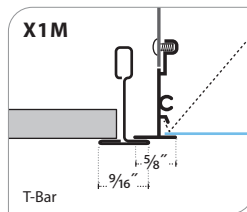
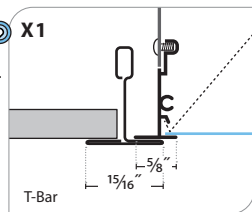
Request **Insulation Detector Side Mount (IDSM)** if plenum less than 6"



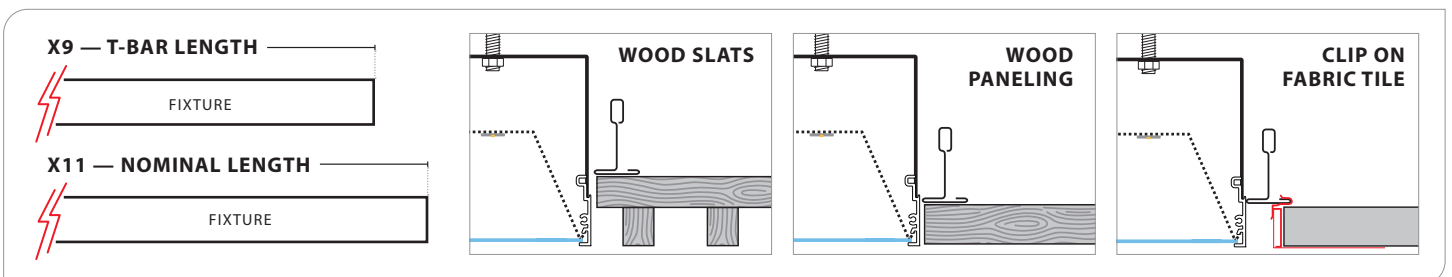
ADJOINING DETAILS



CEILING SYSTEMS



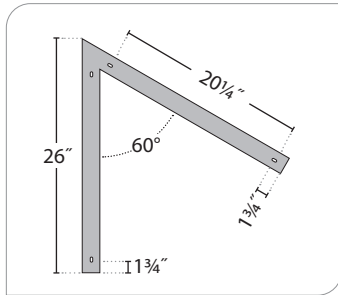
X9 / X11



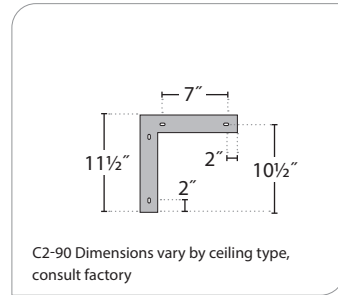


CORNERS

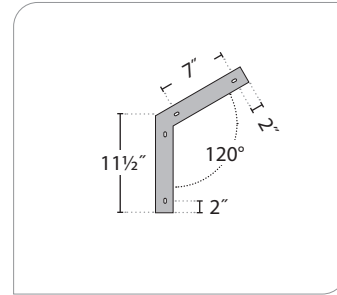
C2-60:



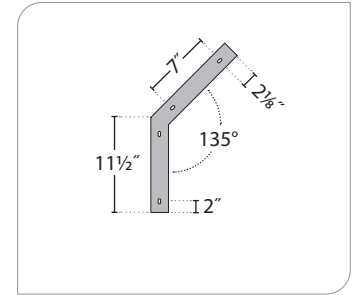
C2-90:



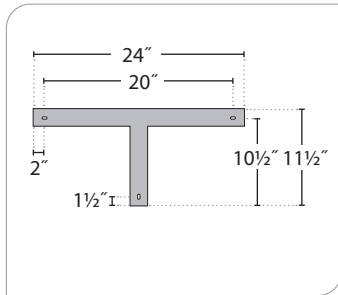
C2-120:



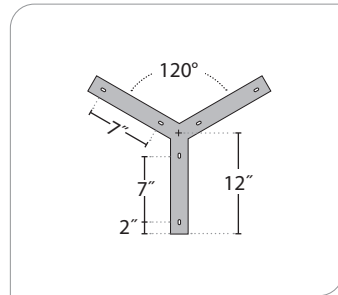
C2-135:



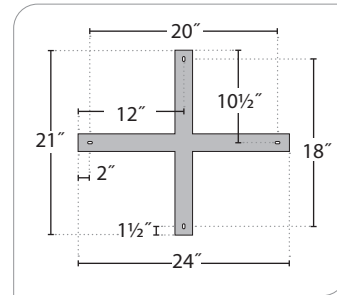
C3T:



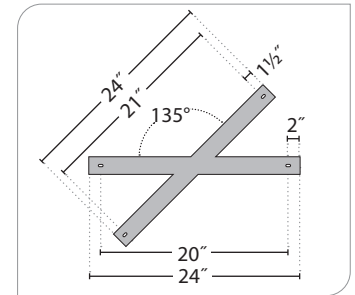
C3Y:



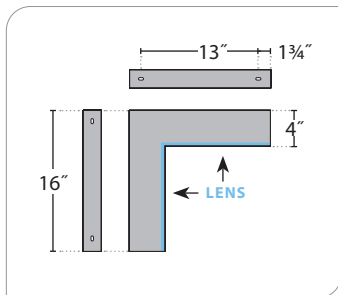
C4T:



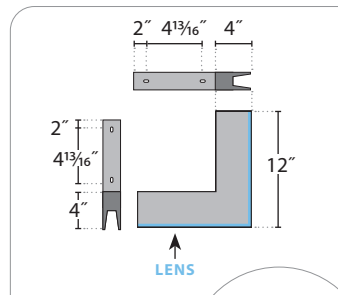
C4X:



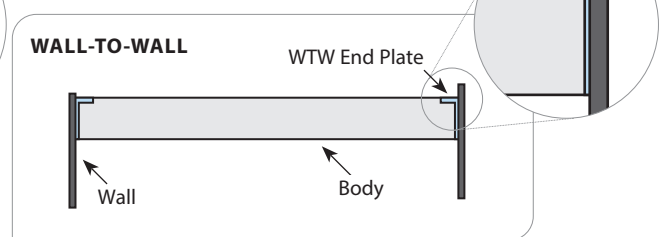
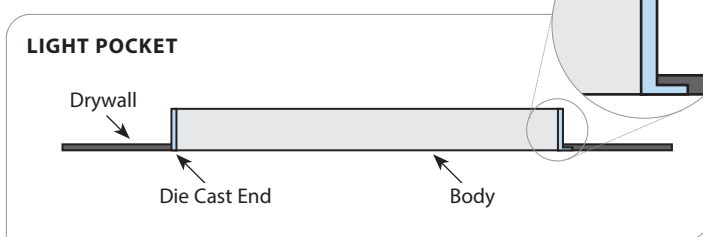
C8I:



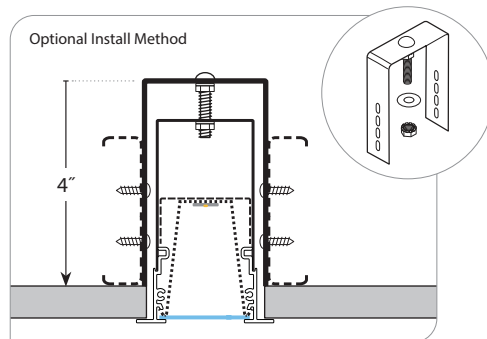
C8O:



MOUNTING



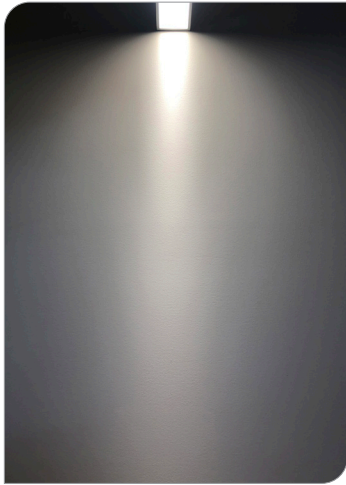
OVERHEAD MOUNTING BRACKETS (OMB)



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

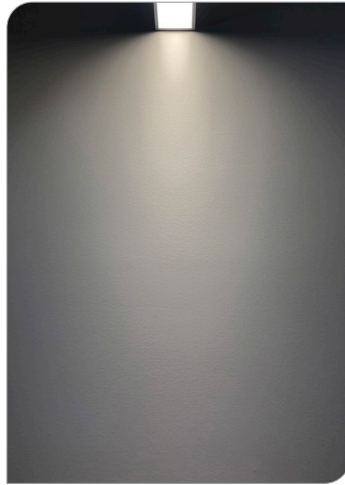


FTR END OF ROW FEATHERING



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

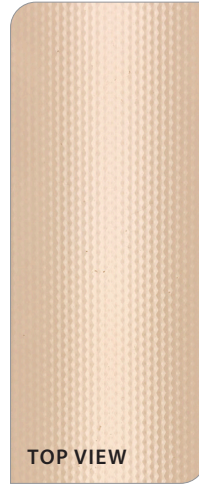
Medium Wall Graze (MGZ) shown above.



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

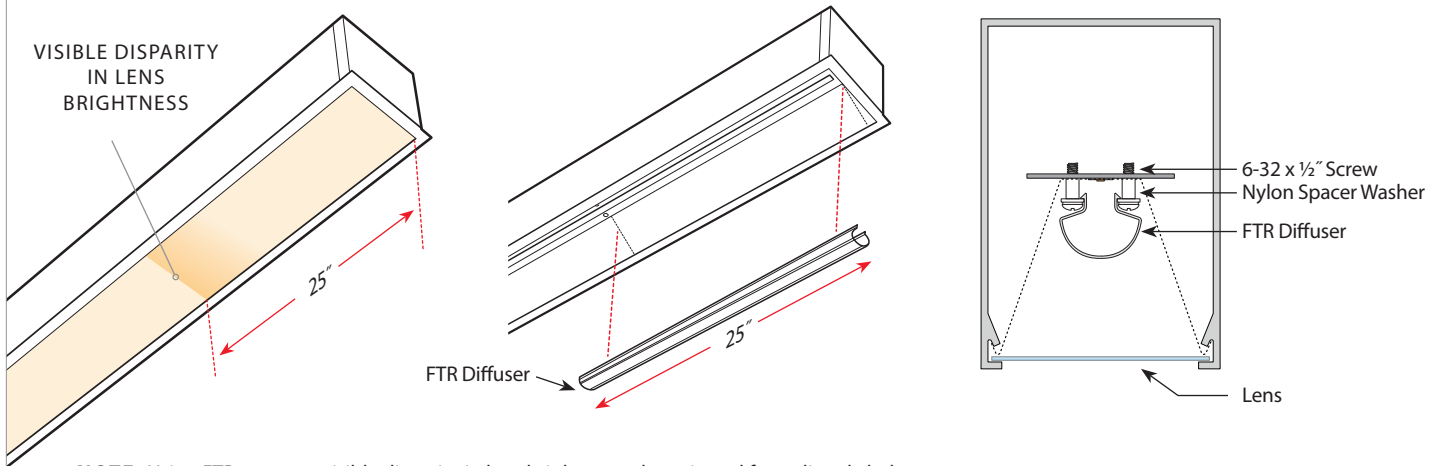


WELL OPTION 1B,
FIXTURE UGR 16 OR LESS

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).

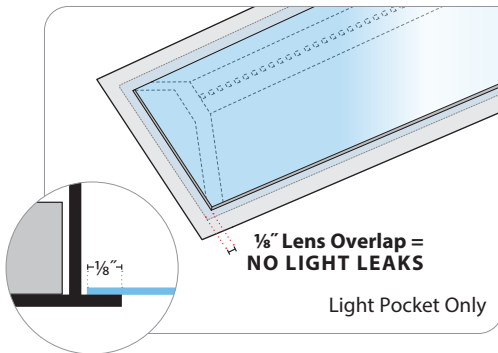
NOTE: Our Batwing lens also meets WELL UGR of 16 or less (BioPro 3-4-5). NA with HO output.

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



All distributions available with Louvers.

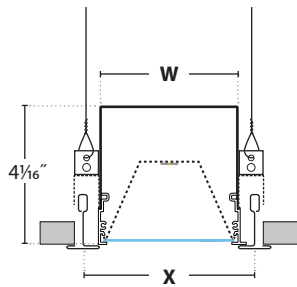


GRID TO GRID (T-BAR):

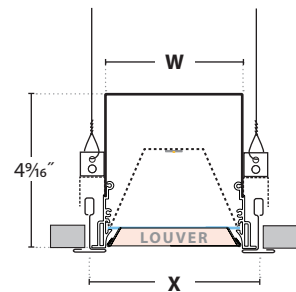
APERTURE	BPRO2	BPRO3	BPRO4	BPRO5
W = FIXTURE WIDTH	2"	3"	4"	5"
X = GRID TO GRID SPACING	3"	4"	5"	6"

T-BAR — X1, X1M, X1T, X2, X6

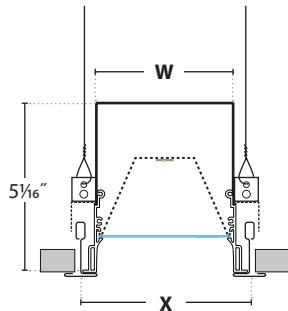
FLSH:



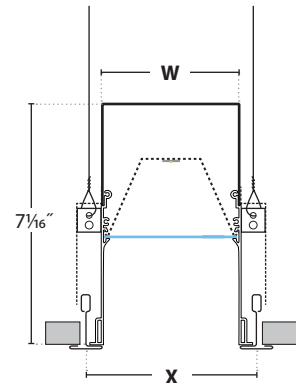
LVR:



REG1:



REG3:

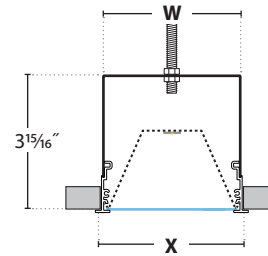


HARD CEILING OPENING:

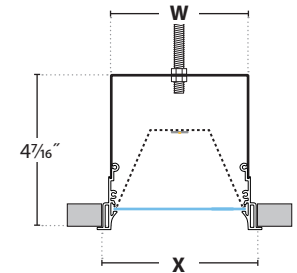
APERTURE	BPRO2	BPRO3	BPRO4	BPRO5
W = FIXTURE WIDTH	2"	3"	4"	5"
X = CEILING OPENING (FLUSH)	2 1/4"	3 1/4"	4 1/4"	5 1/4"
(LVR, REG.5, LVR1, REG1, LVR3, REG3)	2 3/8"	3 3/8"	4 3/8"	5 3/8"
FIXTURE ROUGH IN LENGTH =	Fixture Length + 1 5/16"			

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

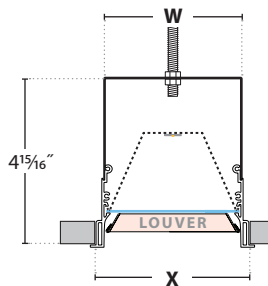
FLSH:



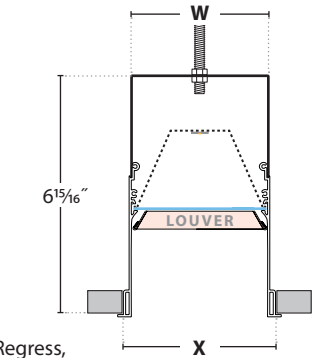
REG.5:



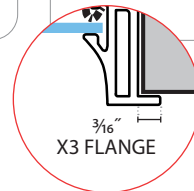
LVR1:



LVR3:



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

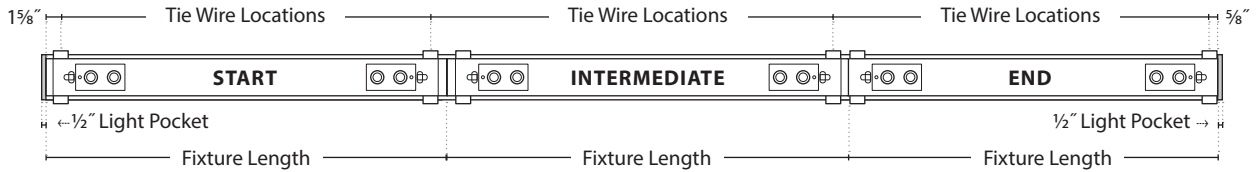




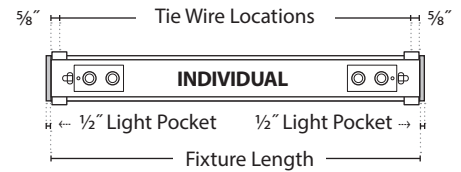
MOUNTING LOCATIONS

T-BAR — X1, X1M, X1T, X2, X6, X9

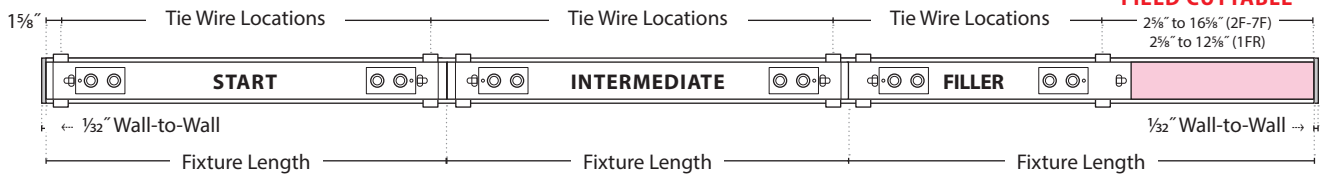
LIGHT POCKET (LP):



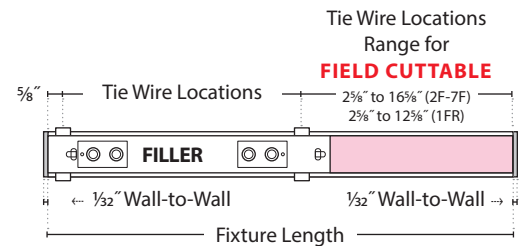
	FIXTURE LENGTHS		TIE WIRE LOCATIONS		
	Start / Intermediate	End / Individual	Start / Individual	Intermediate	End
2'	24"	22"	20 3/4"	24"	23"
3'	36"	34"	32 3/4"	36"	35"
4'	48"	46"	44 3/4"	48"	47"
5'	60"	58"	56 3/4"	60"	59"
6'	72"	70"	68 3/4"	72"	71"
7'	84"	82"	80 3/4"	84"	83"
8'	96"	94"	92 3/4"	96"	95"



WALL-TO-WALL (WTW):

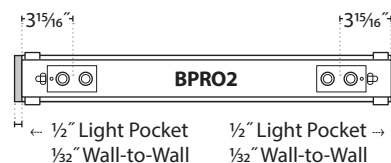


FIXTURE LENGTH	TIE WIRE LOCATIONS	
	Start	Intermediate
—	—	—
2'	20 3/4"	24"
3'	32 3/4"	36"
4'	44 3/4"	48"
5'	56 3/4"	60"
6'	68 3/4"	72"
7'	80 3/4"	84"
8'	92 3/4"	96"



FIXTURE LENGTH	TIE WIRE LOCATIONS	
	Filler	Filler Individual
1FR	15"	12 3/4"
2F	23"	20 3/4"
3F	35"	32 3/4"
4F	47"	44 3/4"
5F	59"	56 3/4"
6F	71"	68 3/4"
7F	83"	80 3/4"
—	—	—

POWER FEED LOCATIONS:



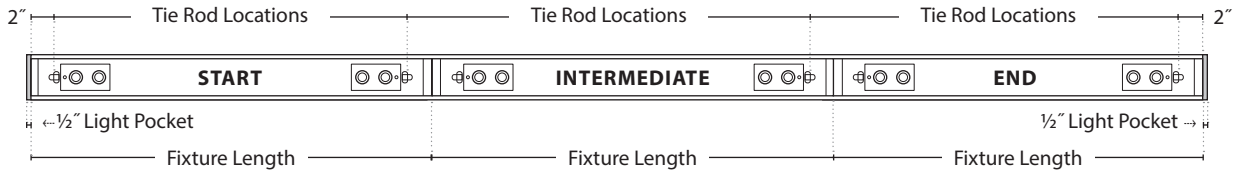
T-BAR
LENS INSTALL
VIDEO



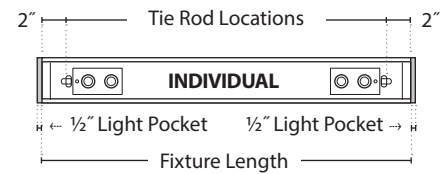
MOUNTING LOCATIONS

HARD CEILING — X3, X7, X11

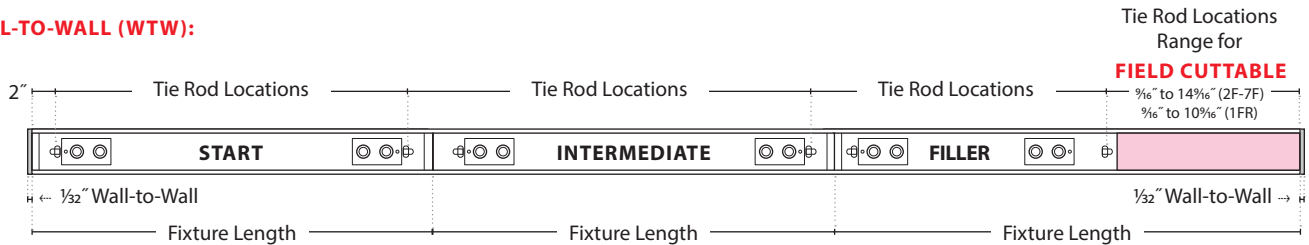
LIGHT POCKET (LP):



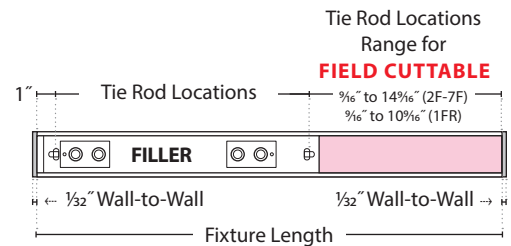
	FIXTURE LENGTHS		TIE ROD LOCATIONS		
	Start / Intermediate	End / Individual	Start / Individual	Intermediate	End
2'	24"	24"	20"	24"	24"
3'	36"	36"	32"	36"	36"
4'	48"	48"	44"	48"	48"
5'	60"	60"	56"	60"	60"
6'	72"	72"	68"	72"	72"
7'	84"	84"	80"	84"	84"
8'	96"	96"	92"	96"	96"



WALL-TO-WALL (WTW):

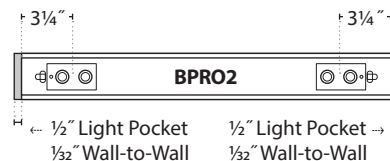


	FIXTURE LENGTH	TIE ROD LOCATIONS	
		Start	Intermediate
—	—	—	—
2'	24"	20"	24"
3'	36"	32"	36"
4'	48"	44"	48"
5'	60"	56"	60"
6'	72"	68"	72"
7'	84"	80"	84"
8'	96"	92"	96"



	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

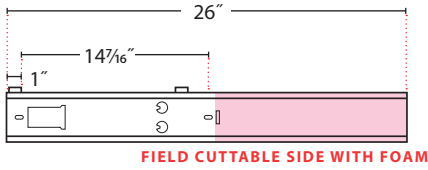
WALL-TO-WALL (WTW):

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")

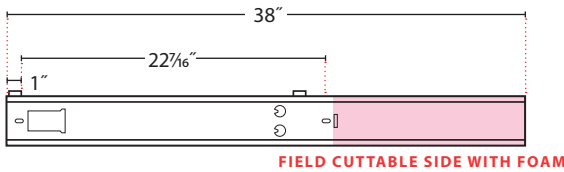


FILLER FIXTURES

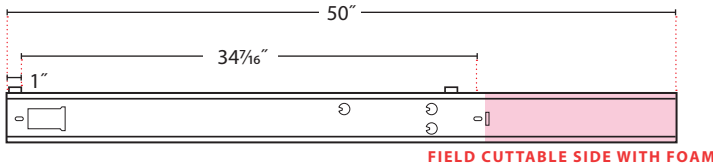
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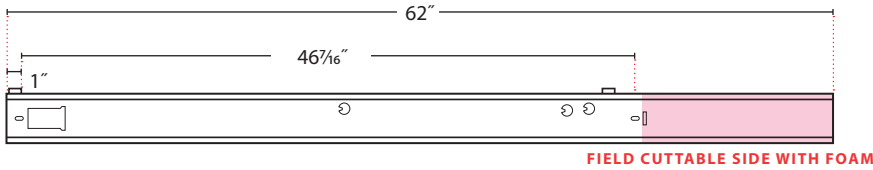
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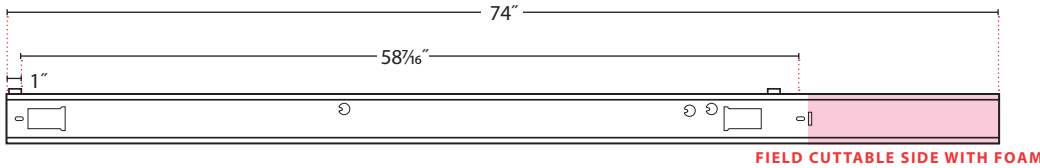
3F:



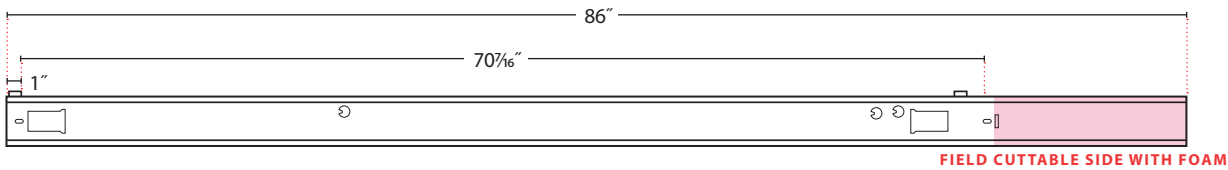
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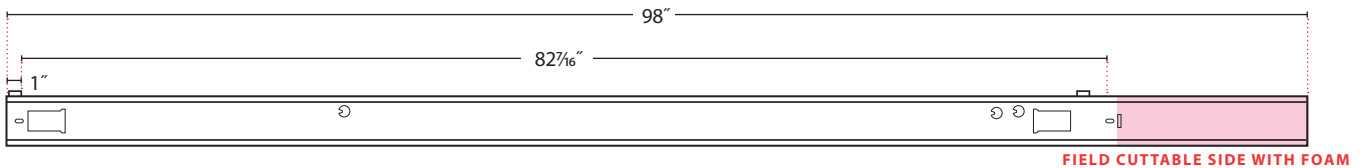
5F:



6F:



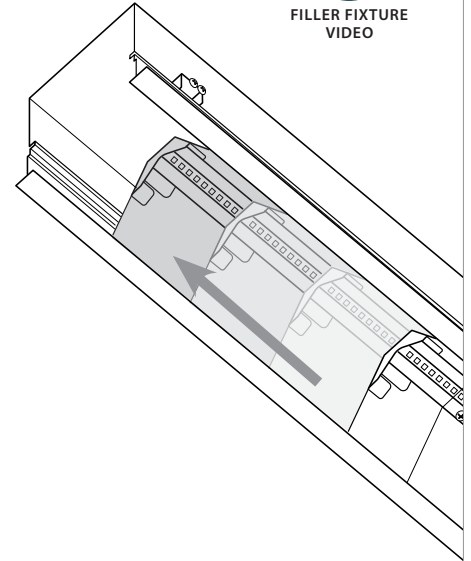
7F:



- 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

BionicPro2 Batwing Vs. Top 2" Competitor (Satin Lens)

SINGLE OFFICE

BionicPro2



Top Competitor

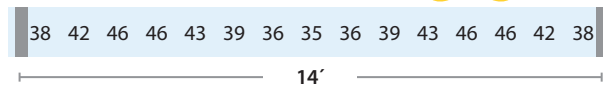


	BionicPro2	Competitor
LPW	105	86
SPACING CRITERIA	1.8	1.0
MAX/MIN	2.1	3.5
W/SQ. FT.	.65	.6
FC AVERAGE	31	29

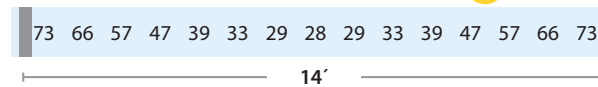
9' ceiling .85 llf BionicPro2—8w/ft Competitor—7w/ft Footcandles at 30" working plane

OPEN OFFICE

BionicPro2



Top Competitor



	BionicPro2	Competitor
LPW	108	86
SPACING CRITERIA	1.8	1.0
MAX/MIN	2.3	3.7
MAX/MIN BETWEEN ROWS	1.3	2.6
W/SQ. FT.	.36	.45
FC AVERAGE	33	29

9' ceiling .85 llf BionicPro2—5.7w/ft Competitor—7w/ft Footcandles at 30" working plane

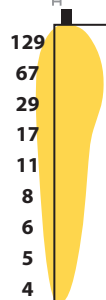
Medium Wall Graze (MGZ)

Wall grazing performance often better just off a wall.

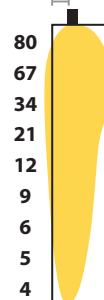
PERIMETER



3" OFF WALL



6" OFF WALL



See perimeter specs

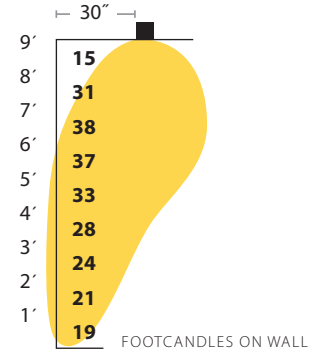
9' ceiling .85 llf. MO output — 5.7w/ft

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 625 lumens/ft	6	9'	27 fc	38/15	2.5
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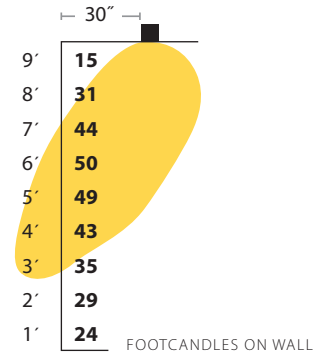


Focal glow wall washing (WWG)

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

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

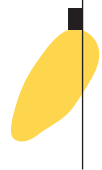
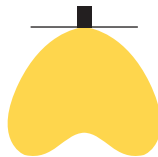
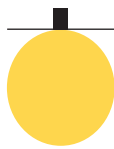
Medium Output 600 lumens/ft	6	9'	36 fc	50/15	3.3
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9' ceiling, .85 lfc, MO output — 5.7w/ft

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:

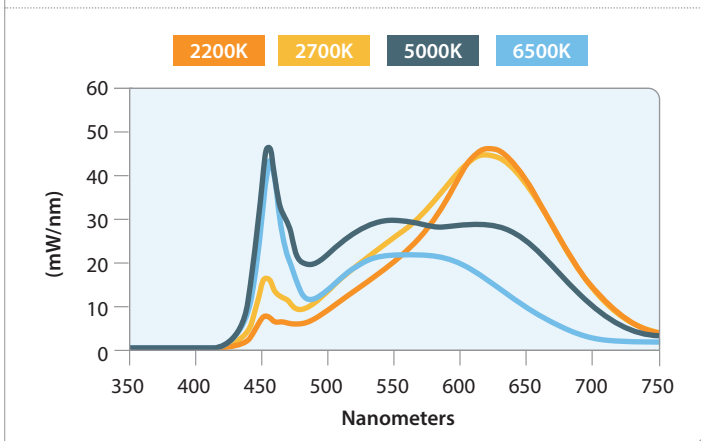
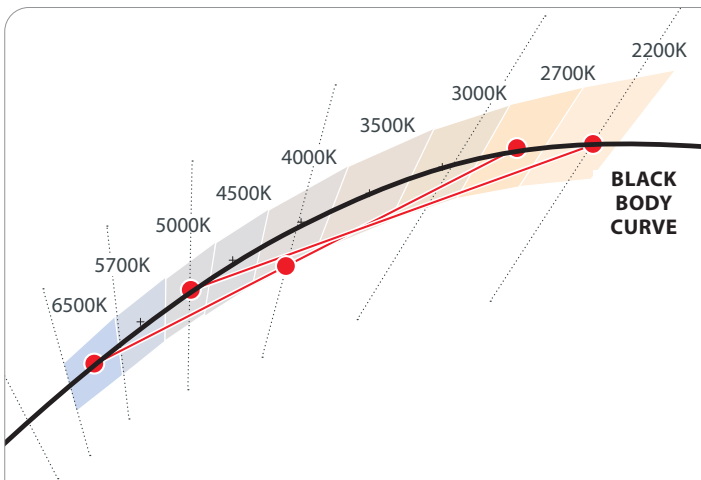
		BLUHUE	TUHUE	TUHUE2	AMBERHUE
DIRECT:		LO	MO	SO	HO*
	SAL Lm/Ft	205	385	550	715
	BTW / WWG / PFL Lm/Ft	215	395	565	730
	LGP / WWF / MGZ Lm/Ft	225	405	580	750
	W/Ft	3.8	5.6	7.8	10.5

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



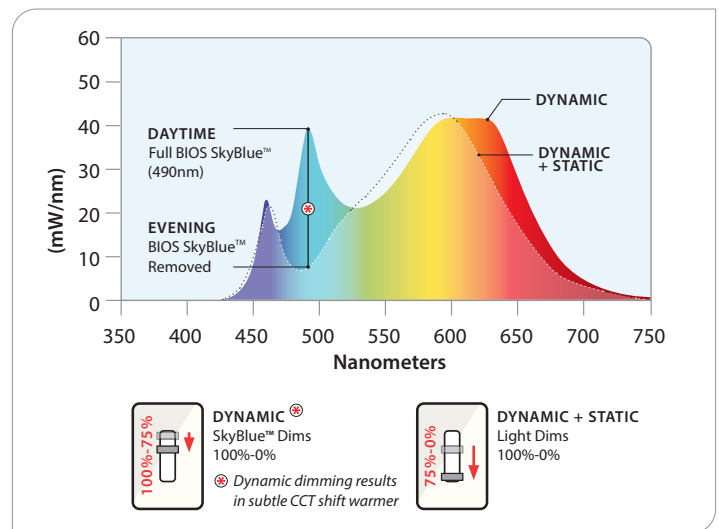
Prudential Lighting's **TuHue** Tunable White provides warm to cool white light simulating sunlight. Controlling the light source color temperature offers differing design aesthetics with potential benefits via circadian rhythm support. Blue light for alertness while warm light conveys tranquility.

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



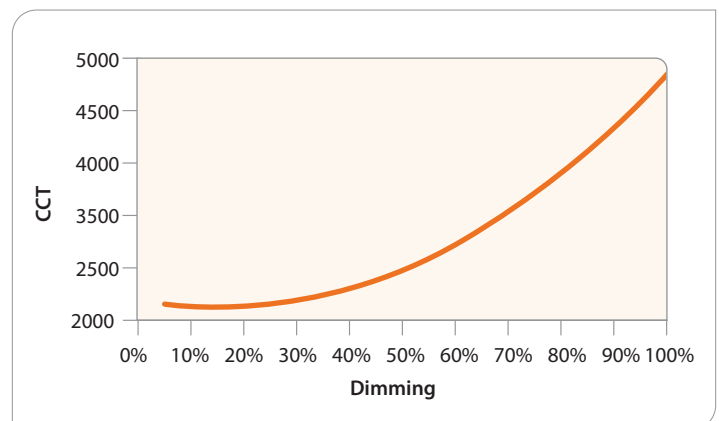
BluHue BIOS SkyBlue™ circadian LED lighting brings the benefits of blue skies inside. Newly discovered blue-sky receptors in our eyes drive improved daytime alertness, mood, brain function, and strengthens circadian rhythms leading to overall better health and well-being.

- 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.

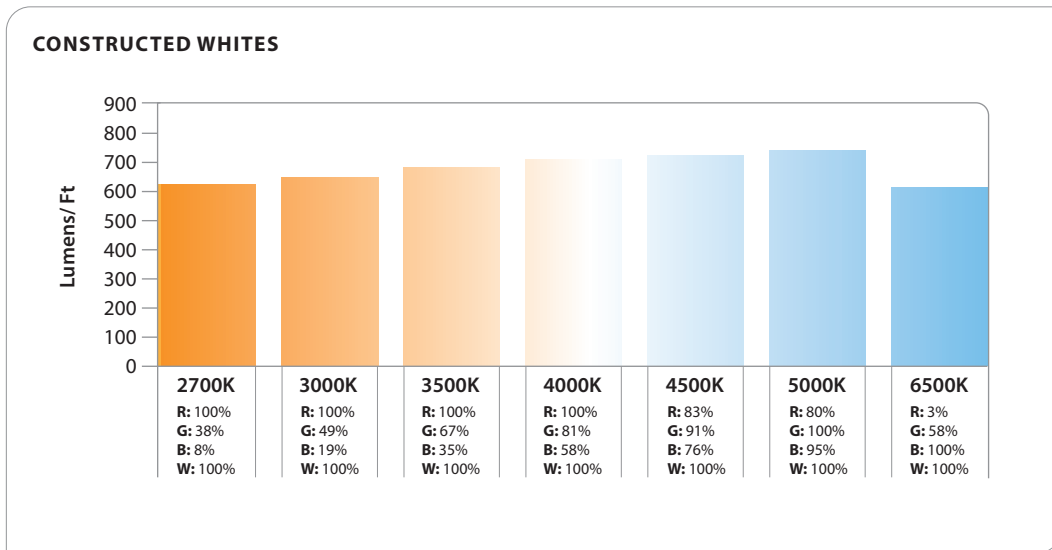
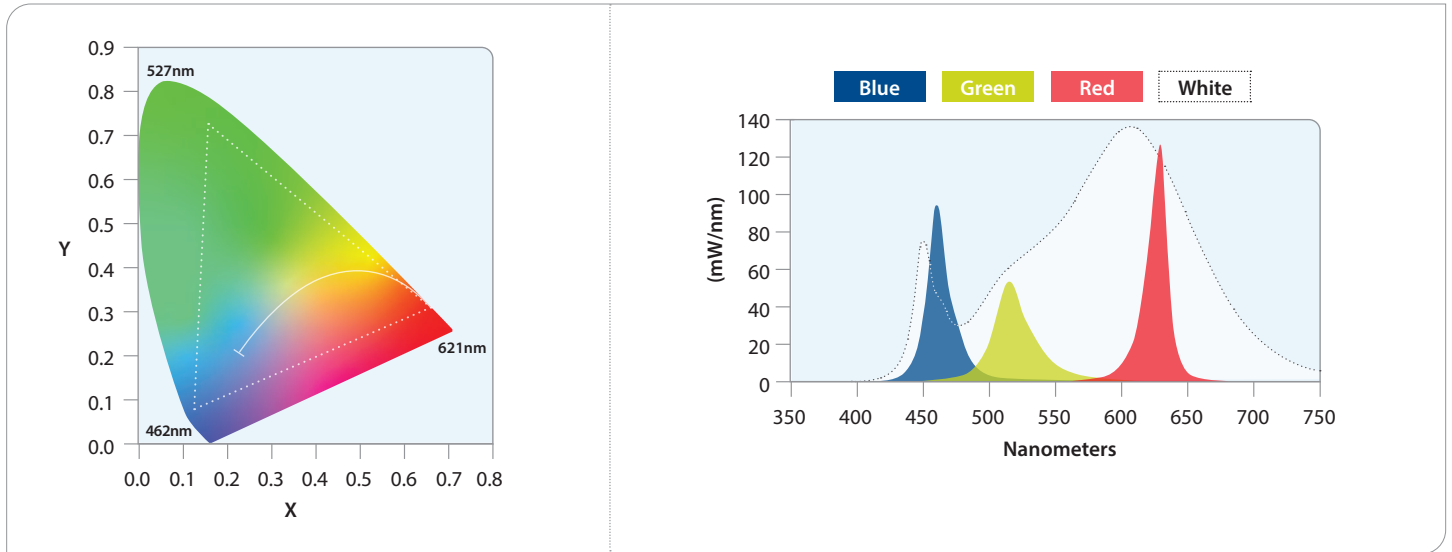
- Warm Dim 2200K-5000K.
- Color temperature warms as the luminaire is dimmed.
- Calm, relaxing mood communicated – hospitality, residential feel.





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 luminaries. 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 luminaries.</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>