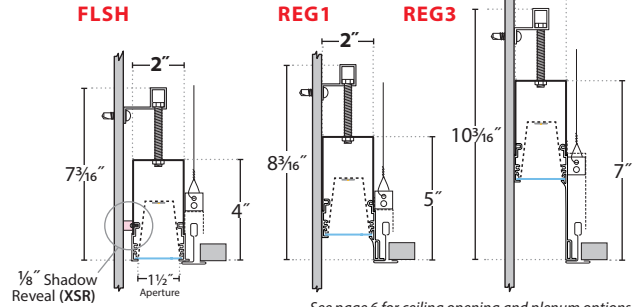




WTW END CAP

LP END CAP

T-BAR — X1, X1M, X1T, X2, X6:



See page 6 for ceiling opening and plenum options

	BPRO2-PER-FLSH-LED35-MO-SAL
	2300 Delivered Lumens
	23 Watts
	101 lm/w

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	390	575	790	1000
PFL	Lm/Ft	400	600	825	1050
NGZ	Lm/Ft	450	675	950	1250
MGZ	Lm/Ft	425	625	875	1075
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 6 FOR REGRESS

SMART SPECS

TUNABLE WHITE



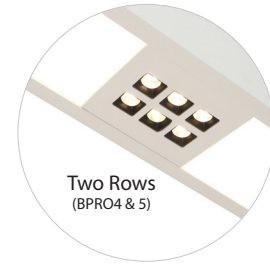
SE-RIES	LENS POS.	LED COLOR	OUT-PUT	NOMINAL LENGTH	TRIM COLOR	LOUVER COLOR	DISTRI-BUTION	MOUNT-ING	CIRCUIT-ING	VOLT-AGE	CEILING SYSTEMS	DRIVERS	OPTIONS, CONTROL SENSORS & CORNERS
BPRO2-PER									SC				
BionicPro 2™ Perimeter	<p>FLSH Flush Lens</p> <p>LVR Louver Flush</p> <p>REG.5 1/2" Regress</p> <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 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>BIOS™</p> <p>STATIC: BLU3S BLU35S BLU4S</p> <p>DYNAMIC: BLU3D* BLU35D* BLU4D*</p> <p>* Dynamic BIOS, SkyBlue spike can be dimmed, CCT warms slightly</p> <p>TU TuHue 2700-6500K TunableWhite</p> <p>TU2** TuHue 2200-5000K TunableWhite</p> <p>AMB** AmberHue Warm Dim 2200K-5000K **NA-HO</p> <p>CHR ChromaHue 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' 3"</p> <p>3' 4"</p> <p>4' 5"</p> <p>5' 6"</p> <p>6' 7"</p> <p>7' 8"</p> <p>R (Row Length)</p>	<p>TMW Textured Matte White (Standard)</p> <p>YGW Gloss White</p> <p>Y Premium Color</p> <p>CC Custom Color</p> <p>LUXE METAL-LICS: YBZ Bronze</p> <p>YCP Copper Penny</p> <p>YGN Gold Nugget</p>	<p>SKIP COL-UMN 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</p> <p>YCP Copper Penny</p> <p>YGN Gold Nugget</p>	<p>SAL Satin Lens</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>Requires filler fixture at end of row. See page 7 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 1 1/16" T-Bar</p> <p>X1M 9/16" T-Bar</p> <p>X1T 1 1/16" T-Bar Tegular</p> <p>X2 Dimensional T-Bar Armstrong Inter-lude®</p> <p>X3 Hard Ceiling (Flange Trim)</p> <p>X6 Slot Grid</p> <p>X7 Mud-Over Flange</p> <p>X9** Finished Extruded Side (Grid Ceiling)</p> <p>X11** Finished Extruded Side (Ceilings needing nominal lengths) ** See page 6</p>	<p>ND Non-Dimming DM01 0-10v, 1% Dimming (Standard)</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-Air Acuity 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>PRUHUES: E10V 2 Channel Color Control EDALI 2 Channel Color Control EDMX ChromaHue or Static White</p> <p>NOTE: May require Insulation Detector (ID), see page 3</p>	<p>EMHE / EMHE-RTK CAT20 Emergency Battery / Remote Test Kit (900 Delivered lumens, CA Title 20 compliant, 4" or < Remote)</p> <p>ETS-DR / ETS-RTK Iota ETS-DR Emergency Transfer Switch / Remote Test Kit + 2" + 3" Non-IC rated, NA with UNV voltage, Adds 1 1/2" height, see page 3</p> <p>EMC Emergency Circuiting</p> <p>FTR End of row feathering to soften Wall Grazing or PFL effect on Perpendicular Wall (LWTN) (See page 8, NA HO or LGP)</p> <p>CP Chicago Plenum</p> <p>IDS Insulation Detector Side Mount (for plenums < 6" where fixtures are non-IC rated, see page 7)</p> <p>XSR 1/8" Shadow Reveal (See page 9)</p> <p>SENSORS: (See Page 19)</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) ** 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>NOTE: Sensors NA with REG3, tile mount (by others)</p>
													<p>CORNERS:</p> <p>C21-60 Lit 60° Inside</p> <p>C20-60 Lit 60° Outside</p> <p>C21-90 Lit 90° Inside</p> <p>C20-90 Lit 90° Outside</p> <p>C21-120 Lit 120° Inside</p> <p>C20-120 Lit 120° Outside</p> <p>C3T Lit 90° 3-Way: T Inside</p> <p>90° LOUVERS AVAILABLE (CONSULT FACTORY FOR OTHER ANGLES)</p> <p>DWNLT Downlights (See page 2)</p>

BionicPro2™ | Perimeter Downlights

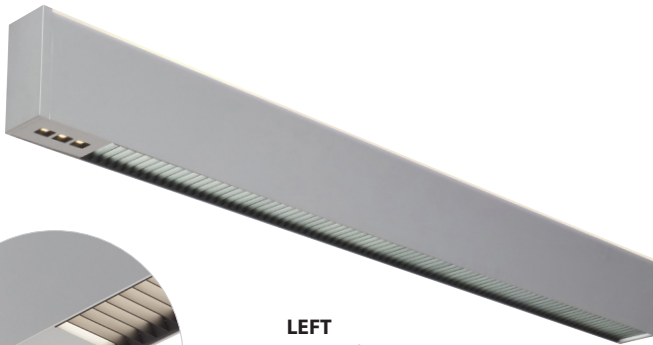


PRUDENTIAL LTG.

PRULITE.COM 213.746.0360



Two Rows (BPRO4 & 5)



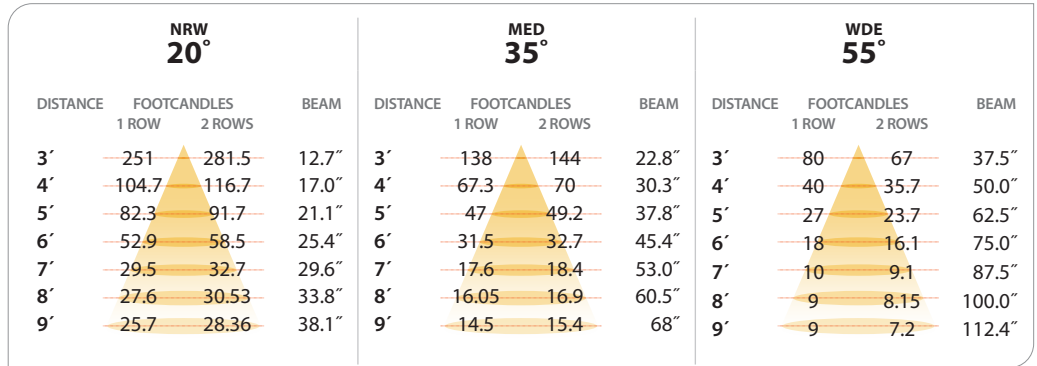
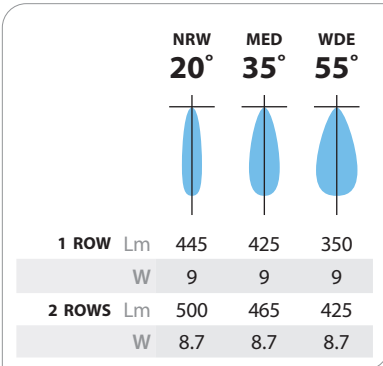
One Row (BPRO2 & 3)

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

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



INDIRECT ONLY
(BPRO2 Linear shown)



SE-RIES	QUANTITY	LOCATION	CCT	DISTRIBU-TION	COLOR	VOLTAGE	DRIVERS
DWN-LT							
Down-light	SPECIFY DOWN-LIGHT QUANTITY PER FIX-TURE/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 Nar-row 20° Beam MED Me-dium 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 Nuggetd 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)

Prudential Ltg. reserves the right to change design specifications or materials without notice. Please visit prulite.com for most current data.
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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.

BINNING Standard binning (all Prudential LED boards) includes testing at the chip level and board integration to provide consistent color temperature within a 3-step MacAdams ellipse, with +/- 5% lumen output range and +/- .004 Duv.

LABELS ETL damp labeled and I.B.E.W. manufactured.

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

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.

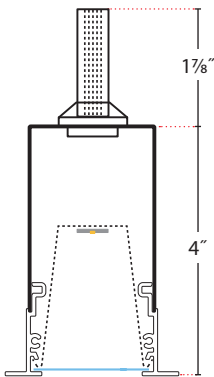
Die-Cast endcaps (LP), Formed steel endcaps (WTW)

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.

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"

FINISH COLORS

STANDARD:

TMW — Textured Matte White

YGW — Gloss White

PREMIUM:

YSW — Seashell White (Matte)

YPE — Pewter (Matte)

YRG — Rain Grey (Gloss)

YSTM — Storm Grey (Matte)

YBK — Black (Matte)

YBB — Black (Semi Gloss)

YSKM — Sky (Matte)

YMB — Military Blue (Matte)

YSAM — Sapphire (Matte)

YIB — Interstate Blue (Matte)

YBR — Bronze (Matte)

YSRM — Sunset Red (Matte)

YOR — Orange (Matte)

YDAM — Daffodil (Matte)

YFGM — Forest Green (Matte)

YSL — Silver (Metallic)

LUXE METALLICS:

YCP — Copper Penny (Metallic)

YBZ — Bronze (Metallic)

YGN — Gold Nugget (Metallic)

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



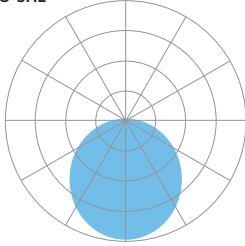
FLSH:

SATIN LENS

MEDIUM OUTPUT:

BPRO2-PER-FLSH-LED35-MO-SAL

2300 Delivered Lumens
23 Watts
101 lm/w
3500 CCT



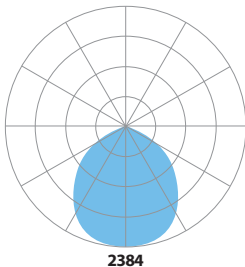
Zonal Lumen Summary:
0-90 = 100%

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

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%

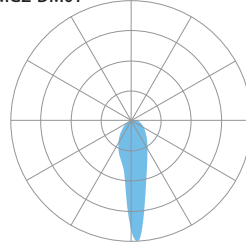
Vertical Angle	0°	25°	45°	65°	90°
0°	2384	2384	2384	2384	2384
5°	2336	2337	2339	2364	2385
15°	1834	1894	2042	2208	2280
25°	1165	1239	1494	1886	2068
35°	774	812	990	1440	1757
45°	547	568	662	982	1366
55°	357	368	418	601	924
65°	193	200	222	300	446
75°	88	92	99	124	162
85°	27	27	27	29	33
90°	0	0	0	0	0

MEDIUM WALL GRAZER

LOW OUTPUT:

BPRO2-FLSH-LED35-LO-4-MGZ-DM01

1722 Delivered Lumens
15 Watts
114 lm/w
4000 CCT
20° FWHM



Zonal Lumen Summary:
0-90 = 100%

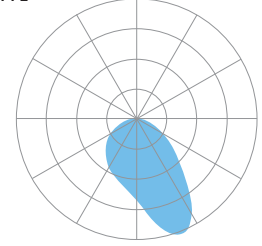
Vertical Angle	0°	25°	45°	65°	90°
90°	0	0	0	0	0
85°	15	17	18	22	24
75°	58	61	65	75	82
65°	112	116	125	153	171
55°	177	183	203	281	355
45°	256	267	304	453	652
35°	358	375	437	654	989
25°	505	531	616	928	1293
15°	726	770	928	1354	1506
5°	1514	1564	1640	1701	1611
0°	1608	1608	1608	1608	1608
5°	1051	1081	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°

PERIMETER FILL

LOW OUTPUT:

BPRO2-FLSH-LED35-LO-4-PFL

1656 Delivered Lumens
15 Watts
110 lm/w
3500 CCT



Zonal Lumen Summary:
0-90 = 100%

Vertical Angle	0°	25°	45°	65°	90°
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
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°

Consult factory for Regress and Louver IES:

marketing@prulite.com



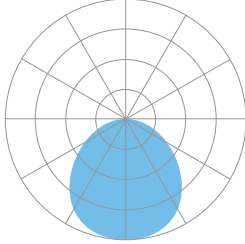
REG.5:

SATIN LENS

STANDARD OUTPUT:

BPRO2-PER-REG.5-LED35-SO-SAL

2610 Delivered Lumens
33 Watts
80 Lm/W
3500 CCT

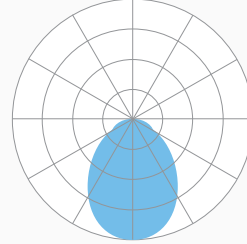


REG1:

STANDARD OUTPUT:

BPRO2-PER-REG1-LED35-SO-4-SAL

2534 Delivered Lumens
31 Watts
82 Lm/W
3500 CCT

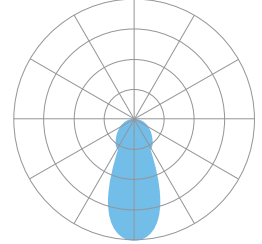


REG3:

STANDARD OUTPUT:

BPRO2-PER-REG3-LED35-SO-4-SAL

1960 Delivered Lumens
31 Watts
63 Lm/W
3500 CCT

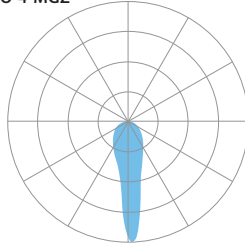


MEDIUM WALL GRAZER

STANDARD OUTPUT:

BPRO2-PER-REG.5-LED35-SO-4-MGZ

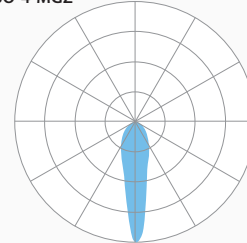
3210 Delivered Lumens
31 Watts
108 Lm/W
3500 CCT
19° FWHM



STANDARD OUTPUT:

BPRO2-PER-REG1-LED35-SO-4-MGZ

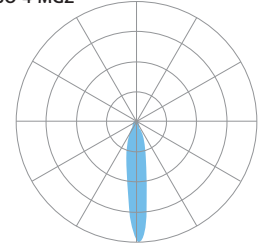
3053 Delivered Lumens
31 Watts
98 Lm/W
3500 CCT
19° FWHM



STANDARD OUTPUT:

BPRO2-PER-REG3-LED35-SO-4-MGZ

2495 Delivered Lumens
31 Watts
80 Lm/W
3500 CCT
16° FWHM

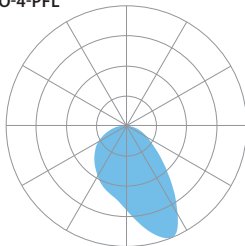


PERIMETER FILL

STANDARD OUTPUT:

BPRO2-PER-REG.5-LED35-SO-4-PFL

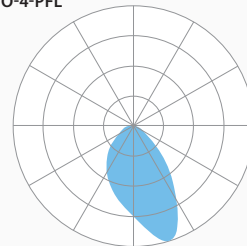
3029 Delivered Lumens
33 Watts
96 Lm/W
3500 CCT



STANDARD OUTPUT:

BPRO2-PER-REG1-LED35-SO-4-PFL

2791 Delivered Lumens
32 Watts
90 Lm/W
3500 CCT



PFL NOT AVAILABLE WITH REG3

UP TO **108** LPW

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

LUMEN CHART AT 3500K-80 CRI

UP TO **98** LPW

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

LUMEN CHART AT 3500K-80 CRI

UP TO **80** LPW

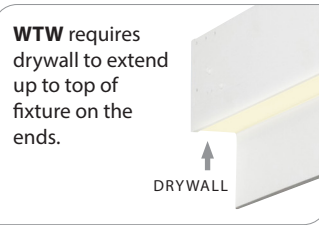
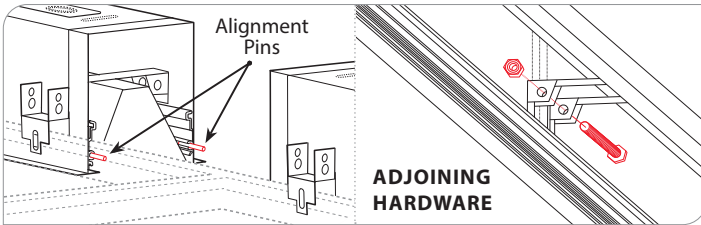
REG3:	LO	MO	SO	HO
SAL Lm/Ft	245	360	490	600
MGZ Lm/Ft	300	460	650	800
W/Ft	3.8	5.6	7.8	10.5

LUMEN CHART AT 3500K-80 CRI

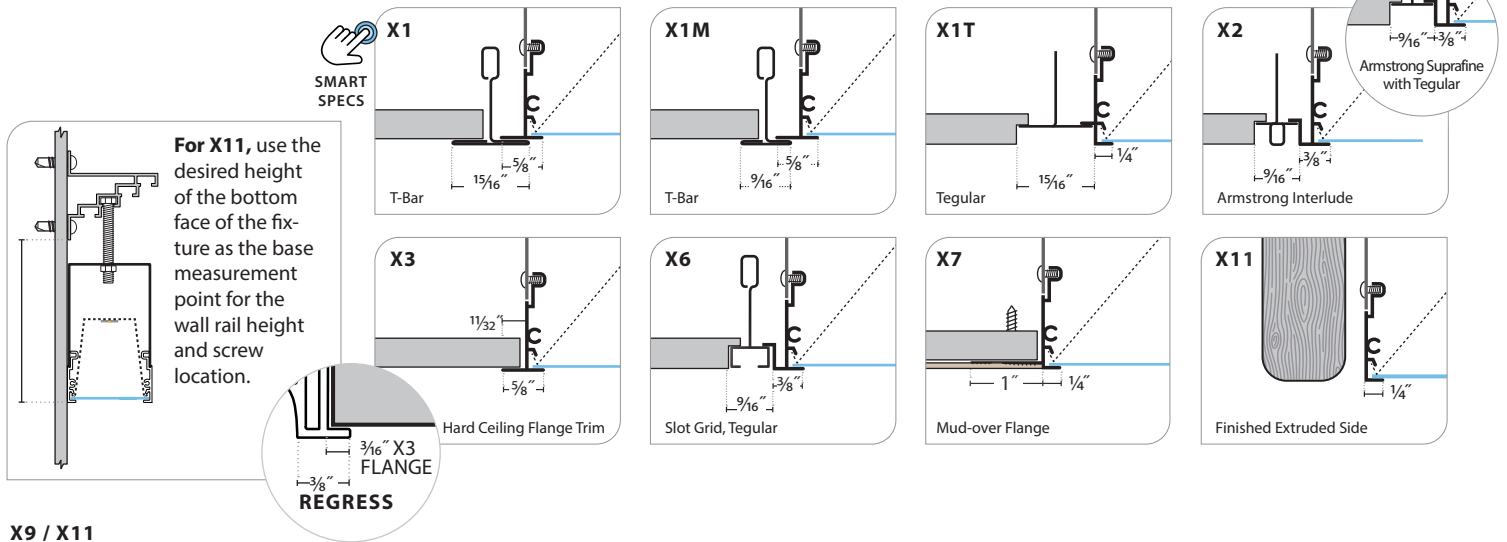
Consult factory for Louver IES: marketing@prulite.com



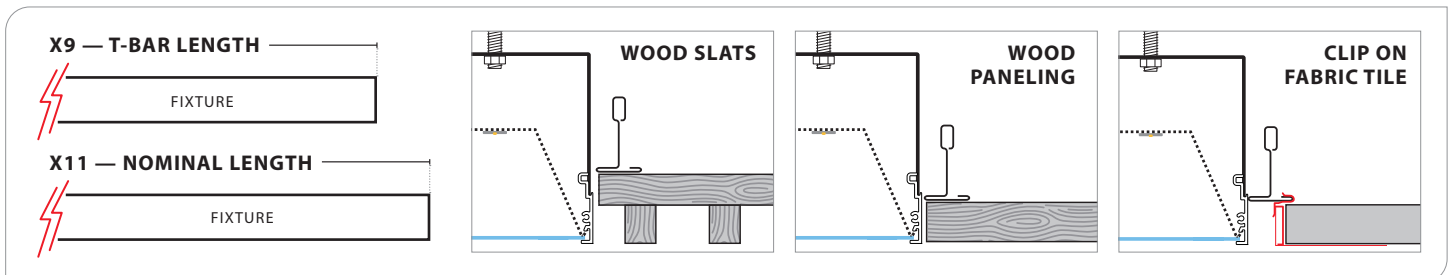
ADJOINING DETAILS



CEILING SYSTEMS



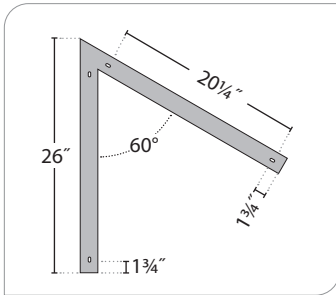
X9 / X11



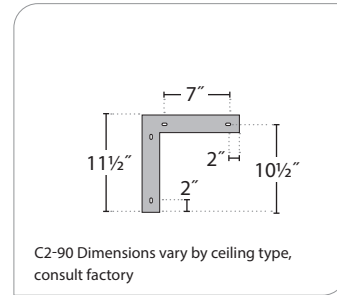


CORNERS

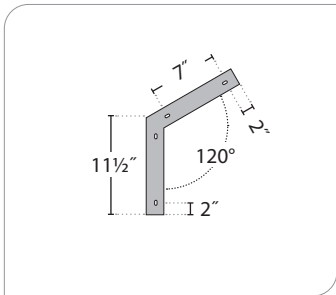
C2-60 (INSIDE+OUTSIDE):



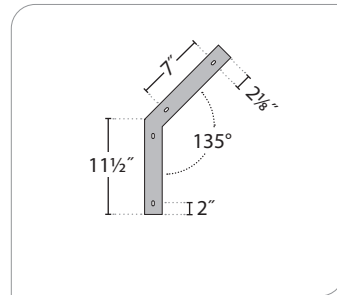
C2-90 (INSIDE+OUTSIDE):



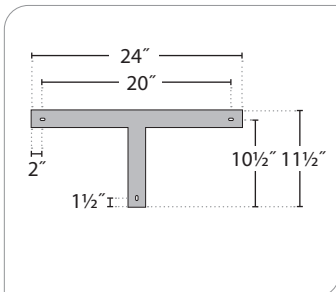
C2-120 (INSIDE+OUTSIDE):



C2-135 (INSIDE+OUTSIDE):

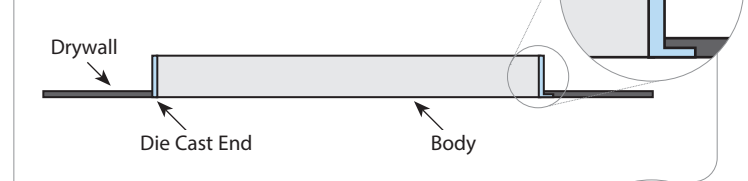


C3T (3-WAY):

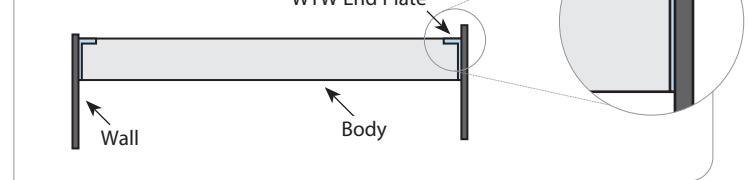


MOUNTING

LIGHT POCKET



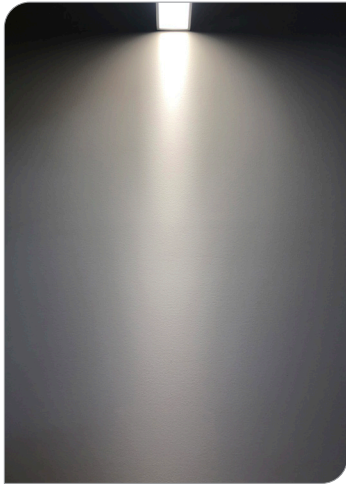
WALL-TO-WALL



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

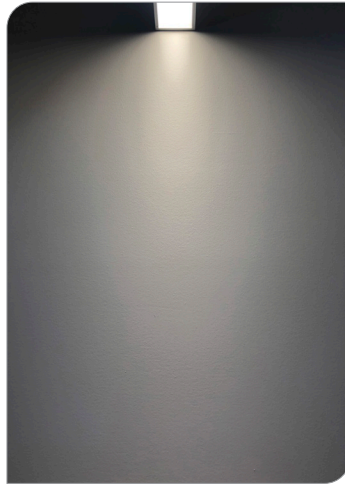


FTR END OF ROW FEATHERING



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

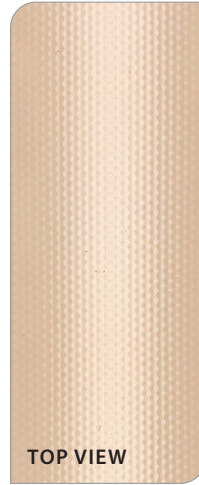
Medium Wall Graze (MGZ) shown above.



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

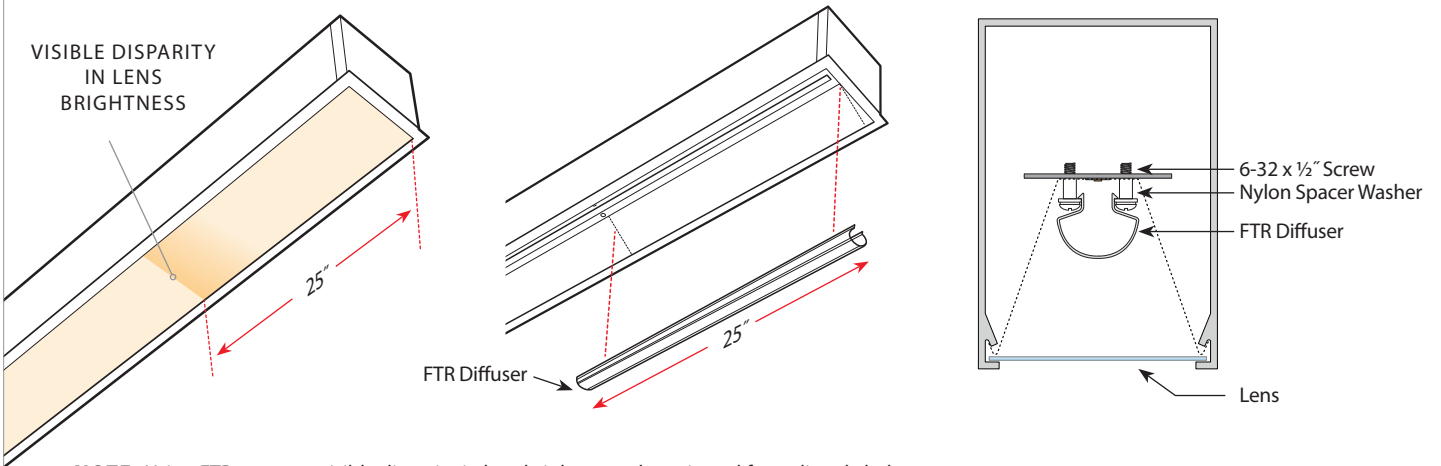
Low Glare Prismatic lens has a dynamic 'prismatic stripe' that 'follows the viewer' and offers a sense of depth. The narrow distribution has low glare (UGR) and meets WELL UGR of 16 or lower. It utilizes the FTR Diffuser (see below).

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



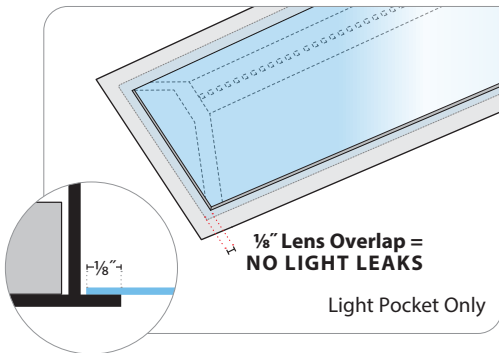
WELL OPTION 1B,
FIXTURE UGR 16 OR LESS

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





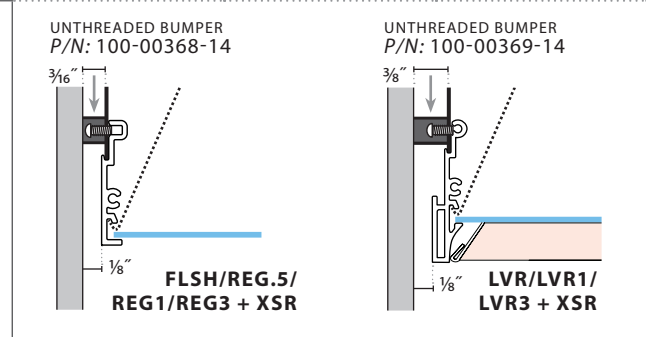
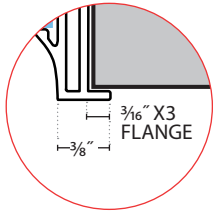
**WALL TO GRID (T-BAR) DIMENSIONS:
CEILING OPENING (HARD CEILING) DIMENSIONS:**

X=	T-BAR (X1, X1M, X1T, X2, X6)	HARD CEILING (X3, X7)	X9 / X11
NO LOUVERS	2½"	2¾"	2⅛"
WITH LOUVERS	2¾"	2¾"	2½"

**XSR SHADOW REVEAL
(OPTIONAL)**

T-BAR (X1, X1M, X1T, X2, X6)	HARD CEILING (X3, X7)	X9 / X11
2¾"	2¾"	2¼"
2⅜"	2½"	2¾"

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



T-BAR — X1, X1M, X1T, X2, X6

HARD CEILING — X3, X7, X11

T-BAR — X1, X1M, X1T, X2, X6

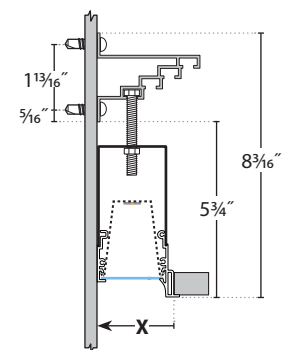
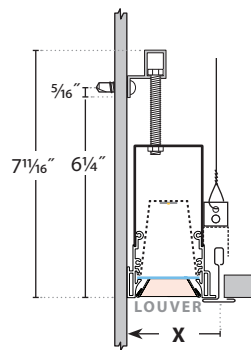
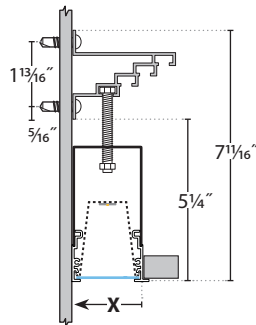
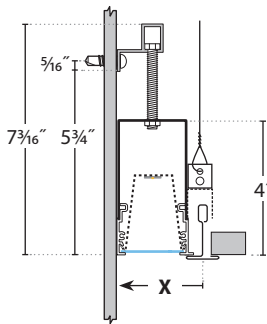
HARD CEILING — X3, X7, X11

FLSH:

FLSH:

LVR:

REG.5:



T-BAR — X1, X1M, X1T, X2, X6

HARD CEILING — X3, X7, X11

T-BAR — X1, X1M, X1T, X2, X6

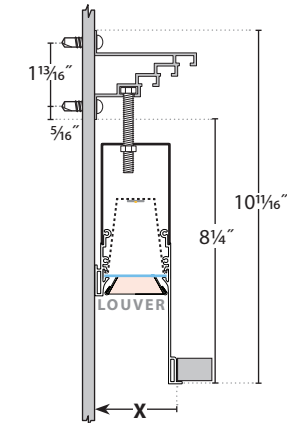
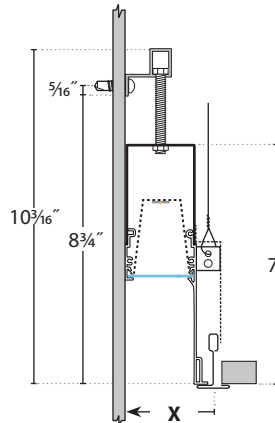
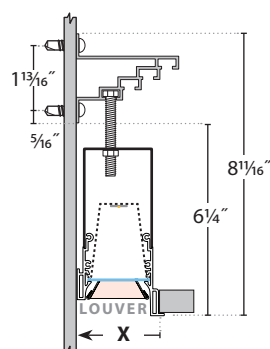
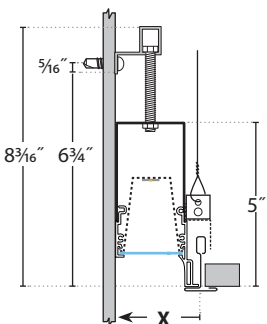
HARD CEILING — X3, X7, X11

REG1:

LVR1:

REG3:

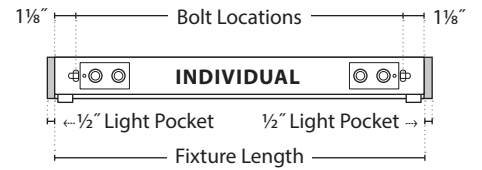
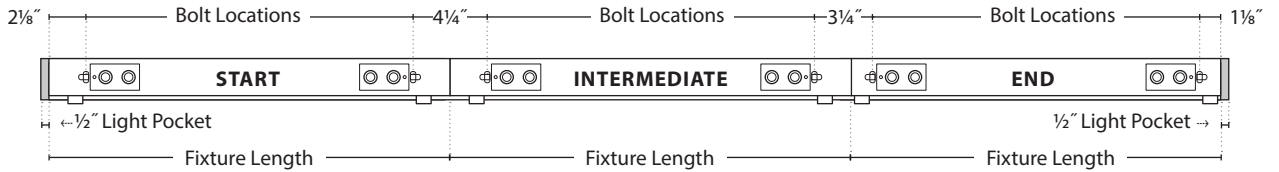
LVR3:



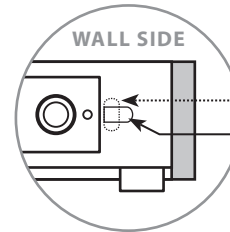


T-BAR — X1, X1M, X1T, X2, X6, X9

LIGHT POCKET (LP):

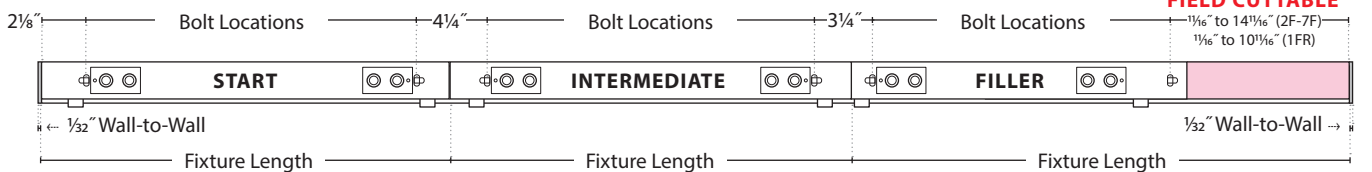


	FIXTURE LENGTHS		BOLT LOCATIONS
	Start / Intermediate	End / Individual	
2'	24"	22"	19 3/4"
3'	36"	34"	31 3/4"
4'	48"	46"	43 3/4"
5'	60"	58"	55 3/4"
6'	72"	70"	67 3/4"
7'	84"	82"	79 3/4"
8'	96"	94"	91 3/4"



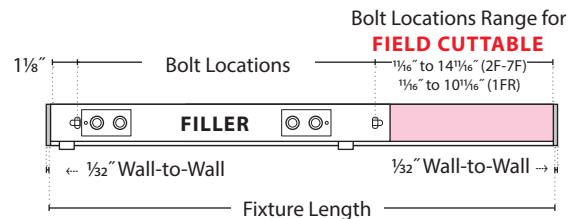
BOLT LOCATIONS
XSR / LOUVER
NON XSR / NON LOUVER

WALL-TO-WALL (WTW):

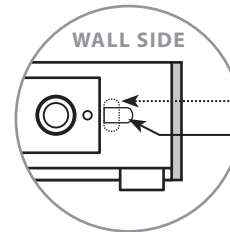


Bolt Locations Range for
FIELD CUTTABLE
1/16" to 14 1/16" (2F-7F)
1/16" to 10 1/16" (1FR)

	FIXTURE LENGTH		BOLT LOCATIONS	
	Start / Intermediate	Filler	Start / Intermediate	Filler
—	—	—	—	—
2'	24"	16" - 26"	19 3/4"	14 1/8"
3'	36"	24" - 38"	31 3/4"	22 1/8"
4'	48"	36" - 50"	43 3/4"	34 1/8"
5'	60"	48" - 62"	55 3/4"	46 1/8"
6'	72"	60" - 74"	67 3/4"	58 1/8"
7'	84"	72" - 86"	79 3/4"	70 1/8"
8'	96"	84" - 98"	91 3/4"	82 1/8"

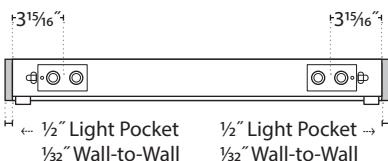


Bolt Locations Range for
FIELD CUTTABLE
1/16" to 14 1/16" (2F-7F)
1/16" to 10 1/16" (1FR)



BOLT LOCATIONS
XSR / LOUVER
NON XSR / NON LOUVER

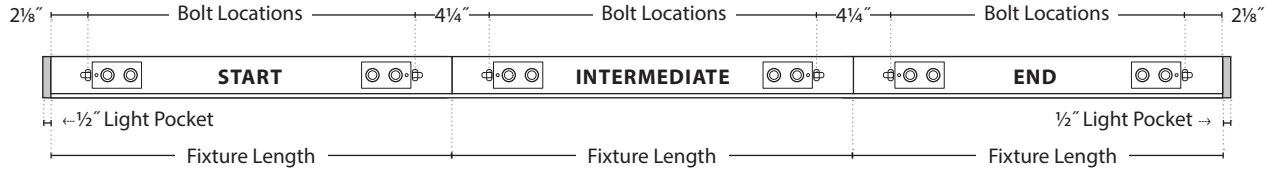
POWER FEED LOCATIONS:



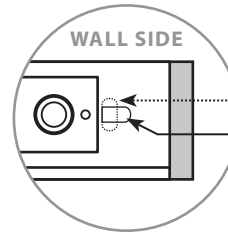
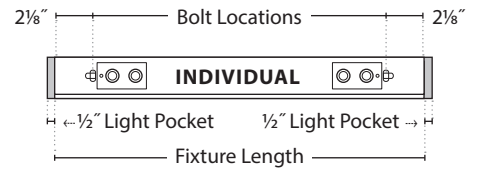


HARD CEILING — X3, X7, X11

LIGHT POCKET (LP):



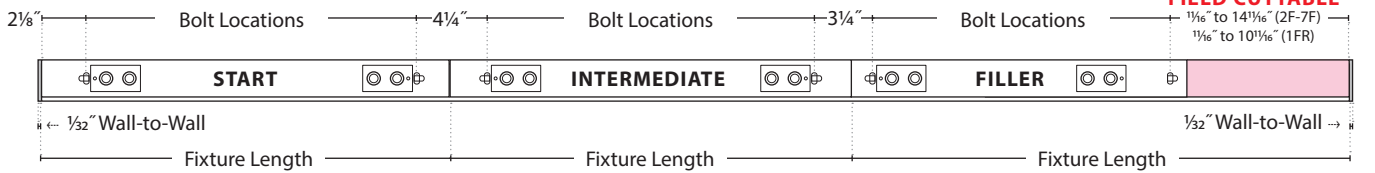
	FIXTURE LENGTHS				BOLT LOCATIONS			
	Start	Intermediate	End	Individual	Start	Intermediate	End	Individual
2'	24"				19 3/4"			
3'	36"				31 3/4"			
4'	48"				43 3/4"			
5'	60"				55 3/4"			
6'	72"				67 3/4"			
7'	84"				79 3/4"			
8'	96"				91 3/4"			



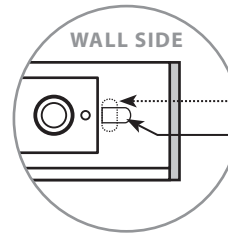
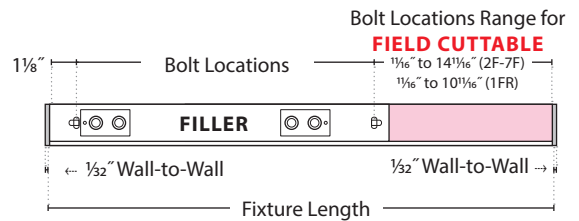
BOLT LOCATIONS

- XSR / LOUVER
- NON XSR / NON LOUVER

WALL-TO-WALL (WTW):



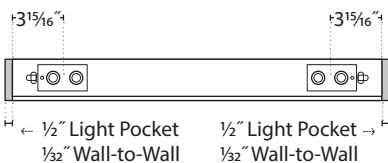
	FIXTURE LENGTH		BOLT LOCATIONS	
	Start / Intermediate	Filler	Start / Intermediate	Filler
—	—	—	—	—
2'	24"	16"-26"	19 3/4"	14 1/8"
3'	36"	24"-38"	31 3/4"	22 1/8"
4'	48"	36"-50"	43 3/4"	34 1/8"
5'	60"	48"-62"	55 3/4"	46 1/8"
6'	72"	60"-74"	67 3/4"	58 1/8"
7'	84"	72"-86"	79 3/4"	70 1/8"
8'	96"	84"-98"	91 3/4"	82 1/8"



BOLT LOCATIONS

- XSR / LOUVER
- NON XSR / NON LOUVER

POWER FEED LOCATIONS:





ROW BUILDER

LIGHT POCKET (LP):

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

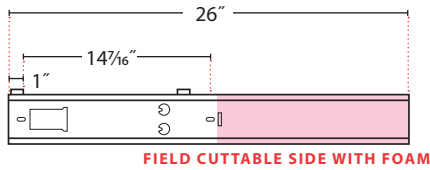
WALL-TO-WALL (WTW):

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

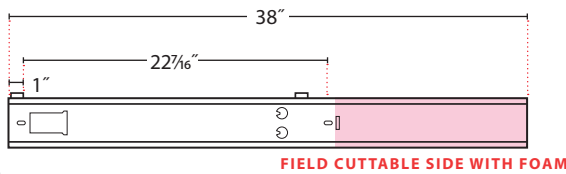


FILLER FIXTURES

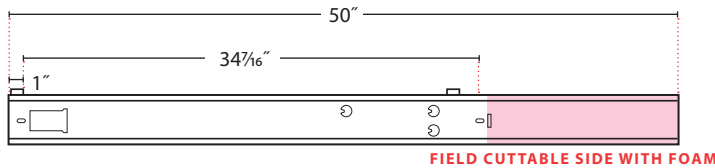
1FR (REMOTE DRIVER):



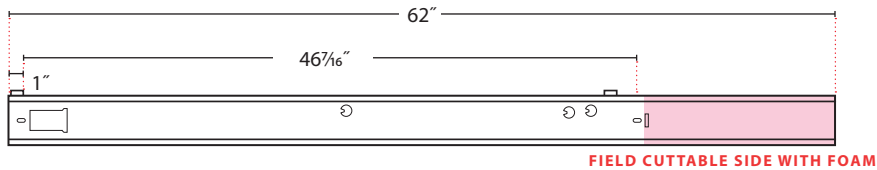
2F:



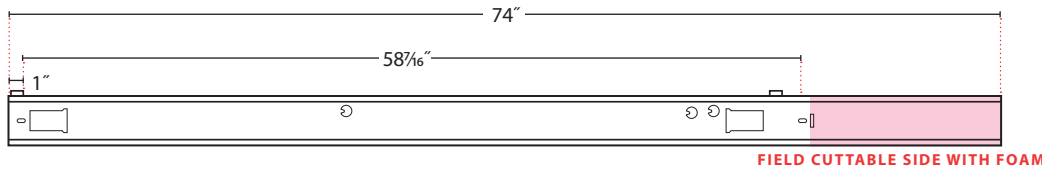
3F:



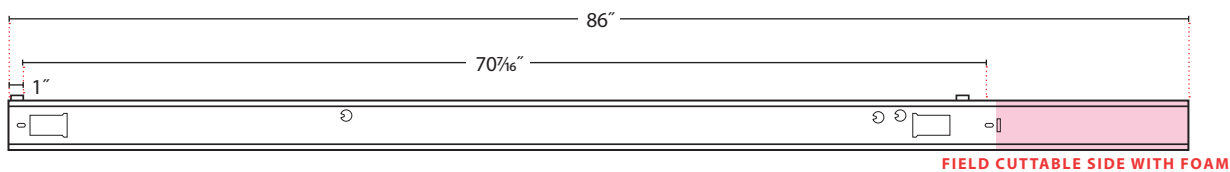
4F:



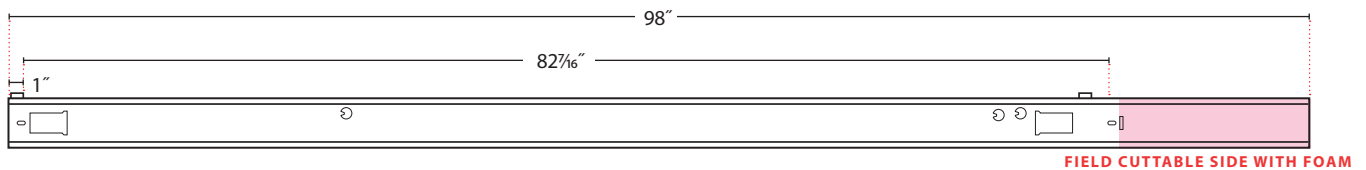
5F:



6F:



7F:

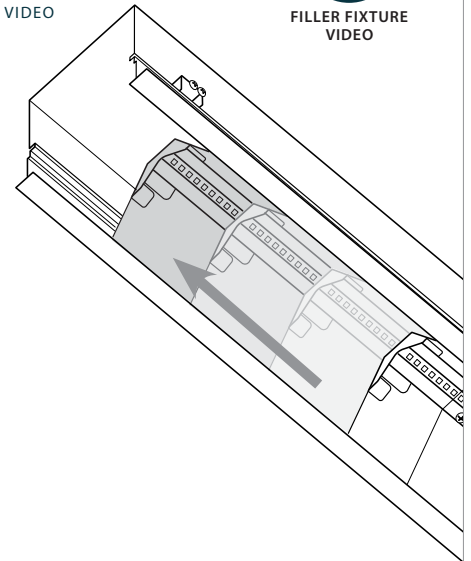


- Telescoping 2' – 8' fixtures. Fixtures adjust in length: 2' to 3', 4' to 5', 7' to 8', etc.
- Looks like a custom length fixture:
7' 8" = one field-adjusted fixture, no trim seams (seamless lens).
- Optical performance identical to standard fixtures.
- Much lower cost for wall-to-wall installs (one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



FILLER FIXTURE VIDEO

VIDEO

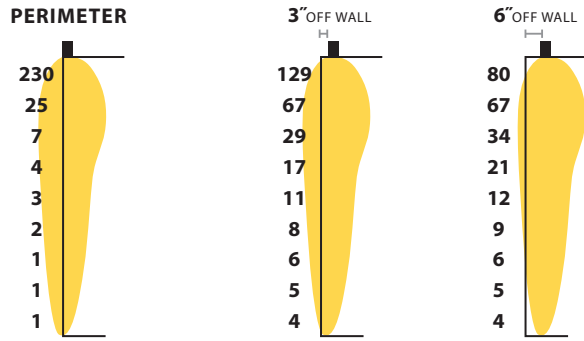


 POWER ACCESS PLATE  1/4-20 MOUNTING HOLES



Medium Wall Graze

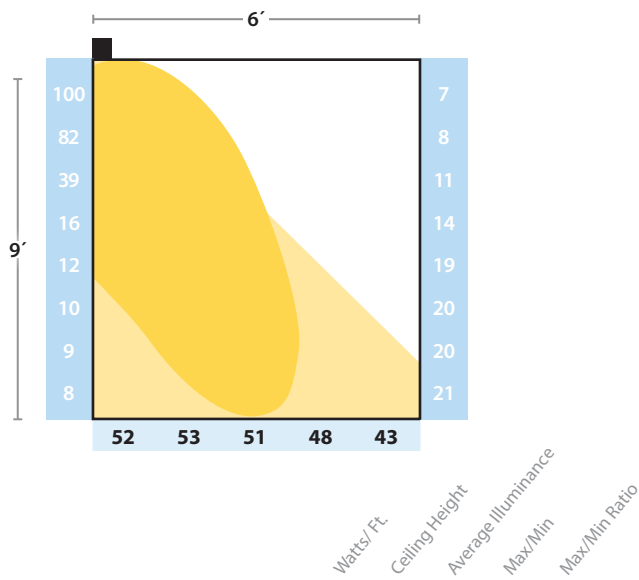
Wall grazing performance often better just off a wall.



See BionicPro recessed linear specs

Perimeter Fill (PFL)

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



High Output 1050 lumens/ft	1.75	10'	50 fc	53/43	1.2
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WIRING DIAGRAMS
SPEC



PRUDENTIAL LTG.

PRULITE.COM 213.746.0360

Lumen Outputs:

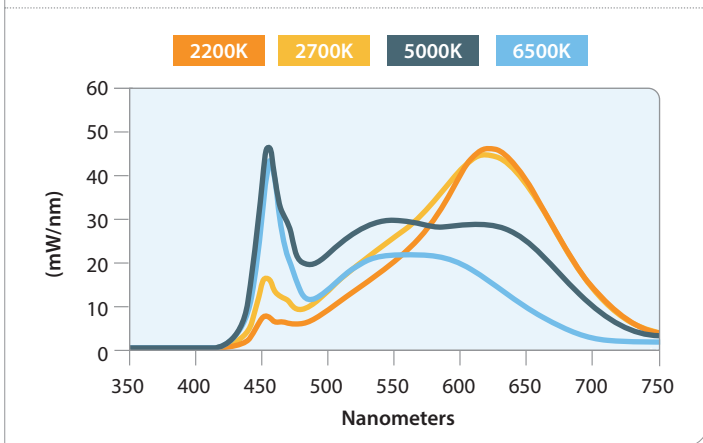
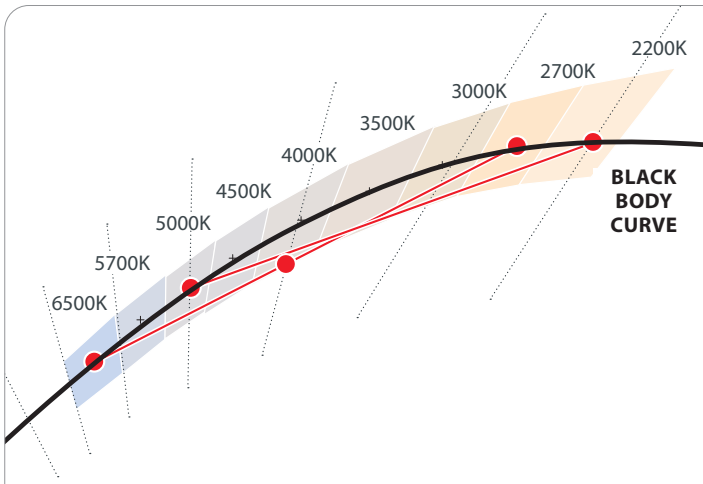
	BLUHUE, TUHUE, TUHUE2, AMBERHUE			
DIRECT:	LO	MO	SO	HO*
SAL Lm/Ft	205	385	550	715
PFL Lm/Ft	215	395	565	730
LGP Lm/Ft	225	405	580	750
W/Ft	3.8	5.6	7.8	10.5

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



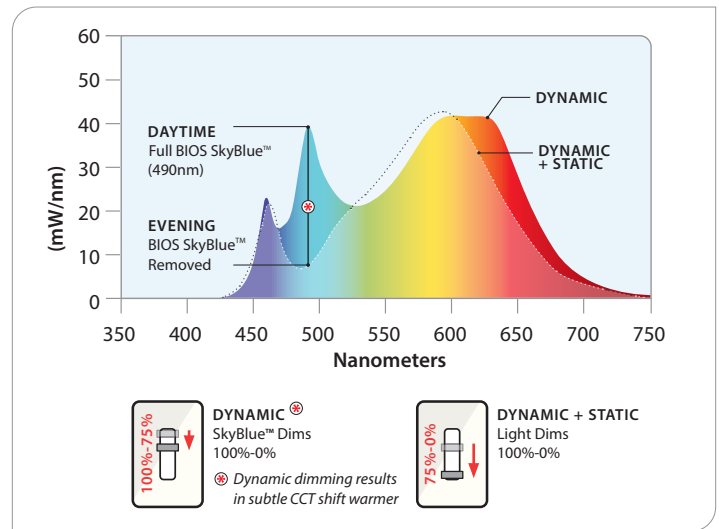
Prudential Lighting's **TuHue** Tunable White provides warm to cool white light simulating sunlight. Controlling the light source color temperature offers differing design aesthetics with potential benefits via circadian rhythm support. Blue light for alertness while warm light conveys tranquility.

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



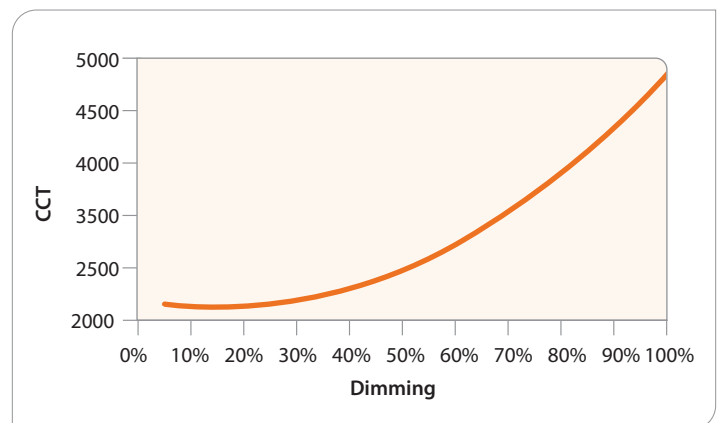
BluHue BIOS SkyBlue™ circadian LED lighting brings the benefits of blue skies inside. Newly discovered blue-sky receptors in our eyes drive improved daytime alertness, mood, brain function, and strengthens circadian rhythms leading to overall better health and well-being.

- 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.

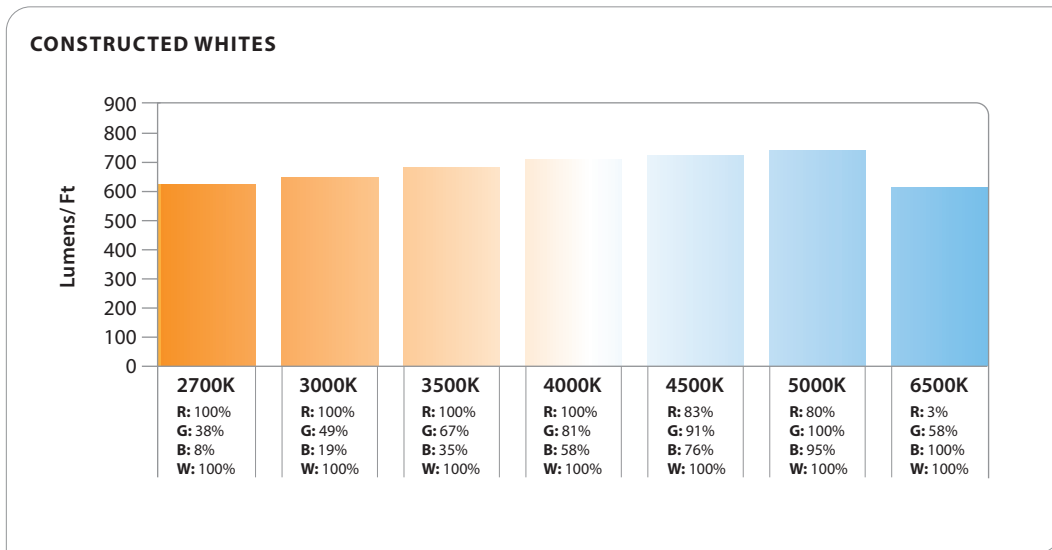
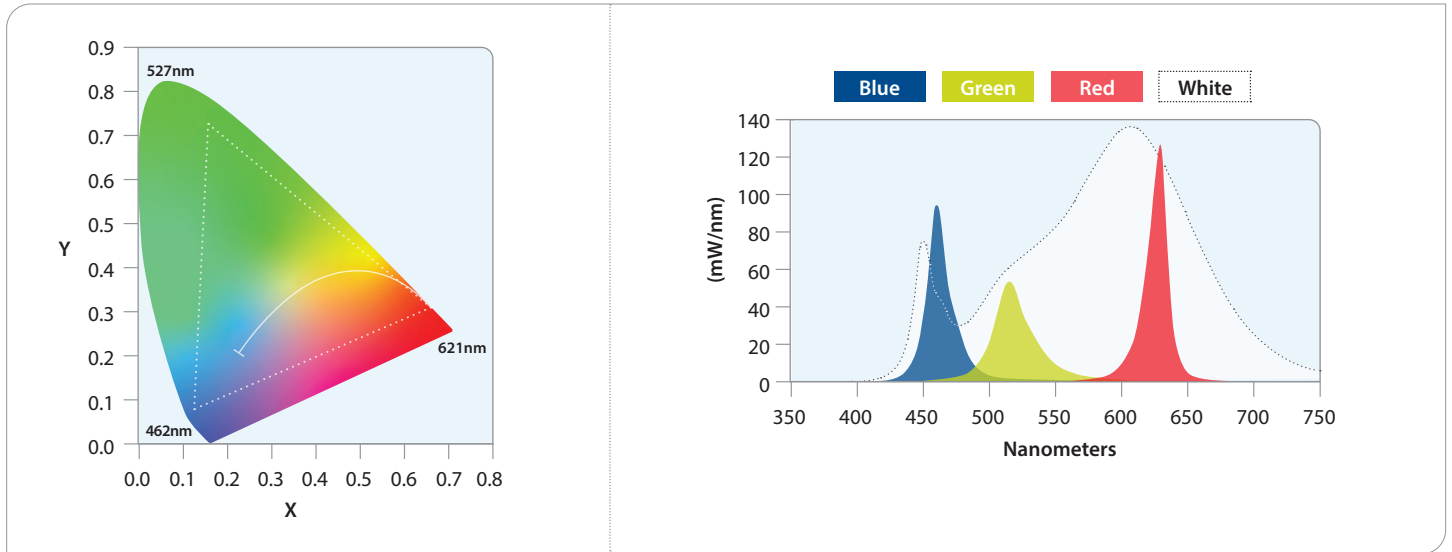
- Warm Dim 2200K-5000K.
- Color temperature warms as the luminaire is dimmed.
- Calm, relaxing mood communicated – hospitality, residential feel.





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

				
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.