



# Wet BionicPro3 | Recessed Linear

## 3" Slot



PRUDENTIAL LTG.

PRULITE.COM 213.746.0360

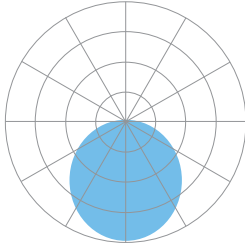
### FLSH:

#### SATIN LENS

##### STANDARD OUTPUT:

WETBIOPRO3-REC-FLSH-LED35-SO-04-SAL

3859 Delivered Lumens  
32 Watts  
122 lm/w  
3500 CCT



**Zonal Lumen Summary:**  
0-90 = 100%

1619

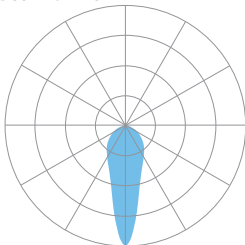
Vertical Angle	0°	25°	45°	65°	90°
0°	1619	1619	1619	1619	1619
5°	1614	1607	1600	1607	1610
15°	1538	1523	1502	1495	1493
25°	1393	1367	1326	1302	1294
35°	1192	1160	1103	1070	1059
45°	960	922	869	838	827
55°	715	685	644	618	609
65°	478	445	420	402	397
75°	247	224	212	205	203
85°	53	50	51	49	48
90°	0	0	0	0	0

#### WIDE WALL GRAZE

##### HIGH OUTPUT:

WETBIOPRO3-REC-FLSH-LED35-WGZ-HO

4983 Delivered Lumens  
42 Watts  
119 lm/w  
3500 CCT



**Zonal Lumen Summary:**  
0-90 = 100%

2442

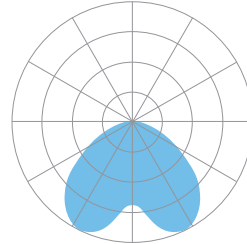
Vertical Angle	0°	25°	45°	65°	90°
0°	1907	1907	1907	1907	1907
5°	2107	2099	2035	1962	1811
15°	2429	2385	2221	1998	1723
25°	2442	2408	2254	1915	1553
35°	1192	1160	1103	1070	1059
45°	1339	1409	1595	1381	1051
55°	832	887	1082	989	767
65°	479	506	639	609	495
75°	221	233	297	297	257
85°	38	40	61	49	51
90°	0	0	0	0	0

#### BATWING

##### HIGH OUTPUT:

WETBIOPRO3-REC-FLSH-LED35-BTW-HO

4931 Delivered Lumens  
42 Watts  
117 lm/w  
3500 CCT



**Zonal Lumen Summary:**  
0-90 = 100%

1399

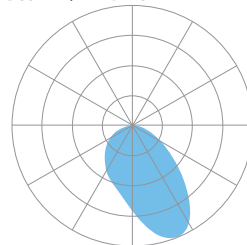
Vertical Angle	0°	22.5°	45°	67.5°	90°
0°	1327	1327	1327	1327	1327
5°	1323	1332	1360	1377	1399
15°	1212	1320	1535	1690	1759
25°	1030	1264	1651	1847	1894
35°	837	1152	1605	1767	1781
45°	674	982	1417	1500	1459
55°	536	771	729	673	615
65°	391	536	420	402	397
75°	222	293	368	330	298
85°	60	79	83	77	58
90°	0	0	0	0	0

#### ROOM FILL / FOCAL GLOW WALL WASH

##### HIGH OUTPUT:

WETBIOPRO3-REC-FLSH-LED35-PFL/WWG-HO

4983 Delivered Lumens  
42 Watts  
119 lm/w  
3500 CCT



**Zonal Lumen Summary:**  
0-90 = 100%

2442

Vertical Angle	0°	25°	45°	65°	90°
0°	1907	1907	1907	1907	1907
5°	2107	2099	2035	1962	1811
15°	2429	2385	2221	1998	1723
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75°	221	233	297	297	257
85°	38	40	61	49	51
90°	0	0	0	0	0

#### LUMEN MAINTENANCE

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

**LED SYSTEM** LED modules and drivers are field replaceable.

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

**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** CSA and ETL wet labeled (downlight only), IP65 for continuous rows, IP66 for individual fixtures (up to 8'), and I.B.E.W. manufactured. Impact rating of IK08. Extended temperature range -30° to 50° C.

**ELECTRICAL** Must specify LED dimming controls. LED fixtures have constant current driver(s) with less than 20% THD when loaded to a minimum of 60%. Drivers sink a maximum of 6mA per driver. DM01 LED drivers are 0-10V dimmable and are compatible with most 0-10V wall slide dimmers and direct 0-10V analog signal dimmers. Max driver size 1.65" w x 1.25" h.

#### CONSTRUCTION

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

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

**Weight** 3.5 lbs/ft

**MOUNTING** Surface standoff mounted to walls or ceilings (downlight only) via channel or mullion, suspended by cable.

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

#### FINISH COLORS

WetTMW – White (Semi Gloss)

WetYBB – Black (Semi Gloss)

WetYPE – Pewter (Matte)

WetYBR – Bronze (Semi Gloss)

For paint chip samples, please email: [info@prulite.com](mailto:info@prulite.com)

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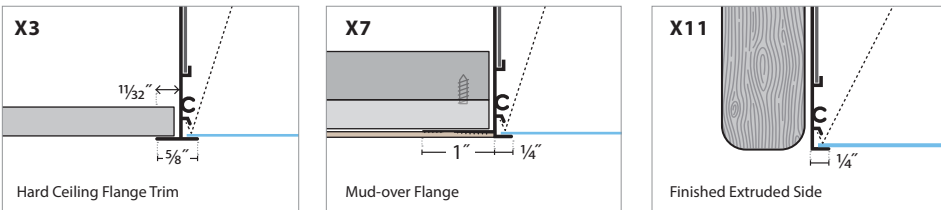


PRUDENTIAL LTG.

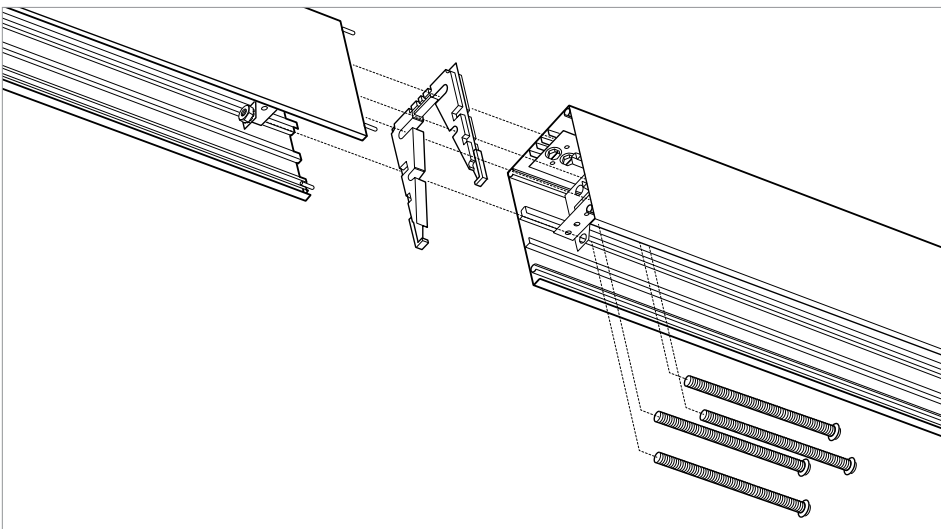
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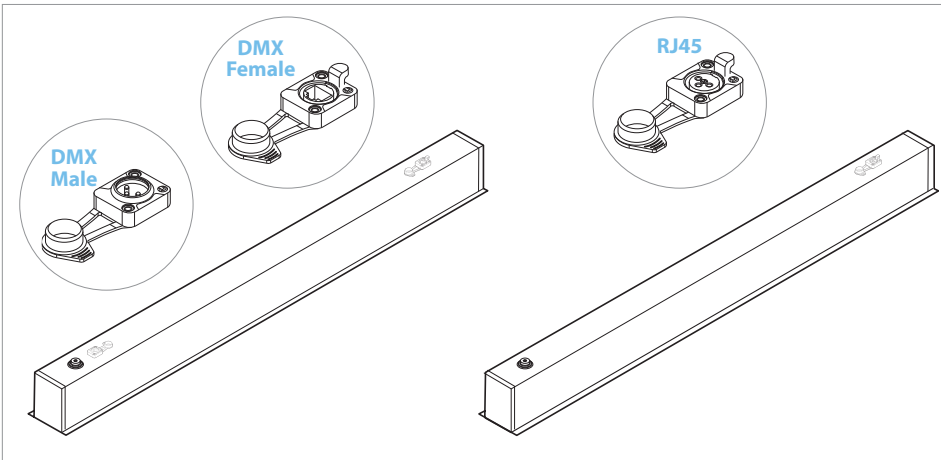
## CEILING TYPE



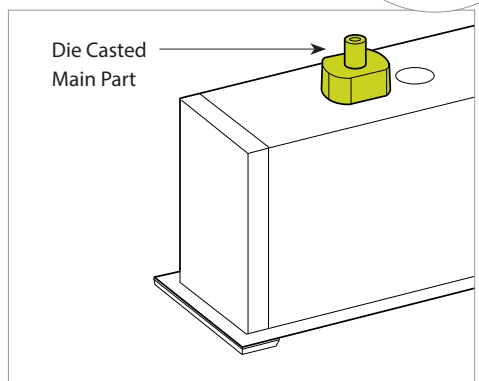
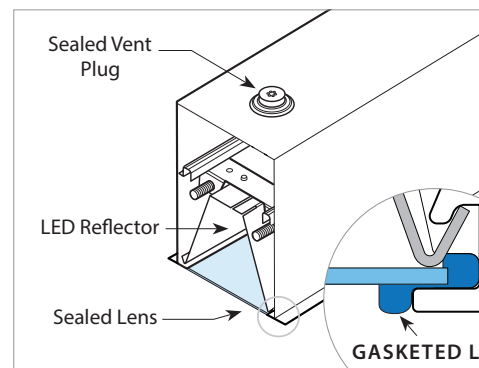
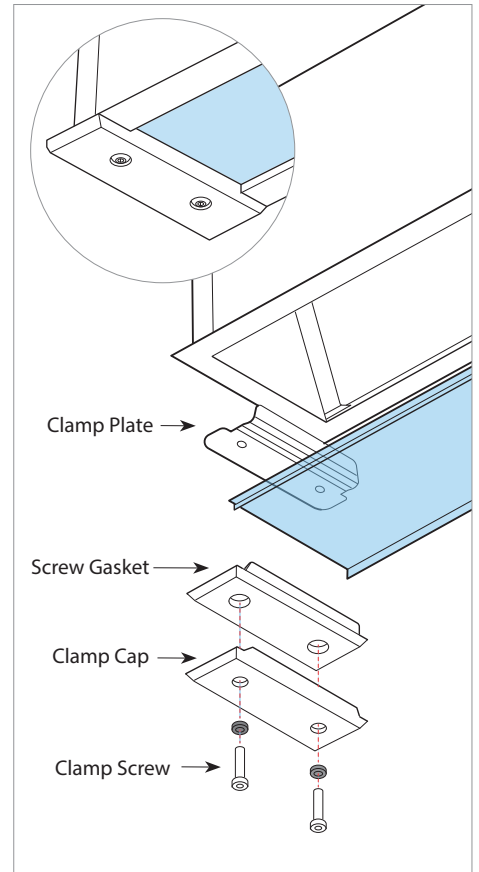
## ADJOINING DETAIL



## DMX / CAT5 CONNECTORS

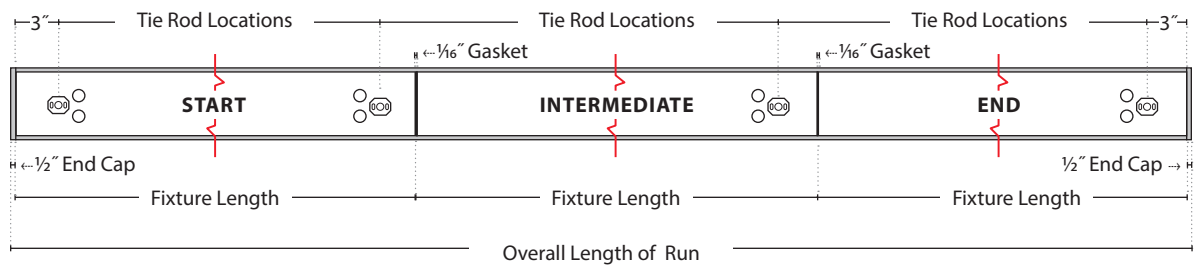


## RUGGED DURABILITY

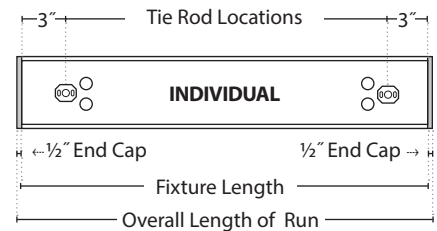




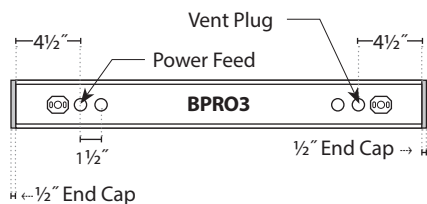
### HARD CEILING X3/X7/X11 — MOUNTING DIMENSIONS



	FIXTURE LENGTHS	TIE ROD LOCATIONS	
		Start / Individual	Intermediate / End
2'	24"	18"	—
3'	36"	30"	36 <sup>1</sup> / <sub>16</sub> "
4'	48"	42"	48 <sup>1</sup> / <sub>16</sub> "
5'	60"	54"	60 <sup>1</sup> / <sub>16</sub> "
6'	72"	66"	72 <sup>1</sup> / <sub>16</sub> "
7'	84"	78"	84 <sup>1</sup> / <sub>16</sub> "
8'	96"	90"	96 <sup>1</sup> / <sub>16</sub> "



### POWER FEED LOCATIONS:



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WIRING DIAGRAMS  
SPEC



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## LUMEN OUTPUTS:

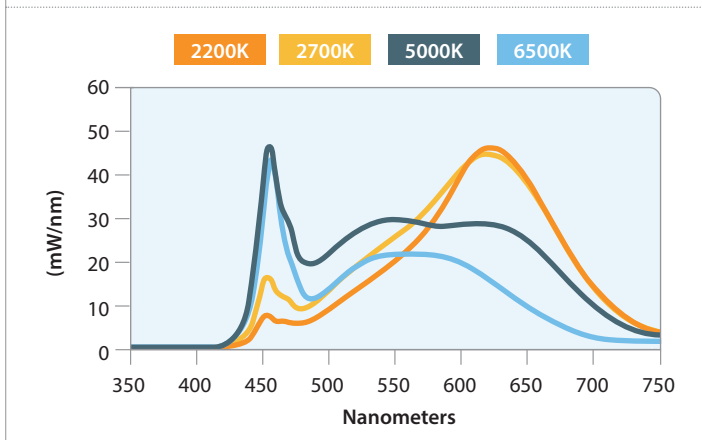
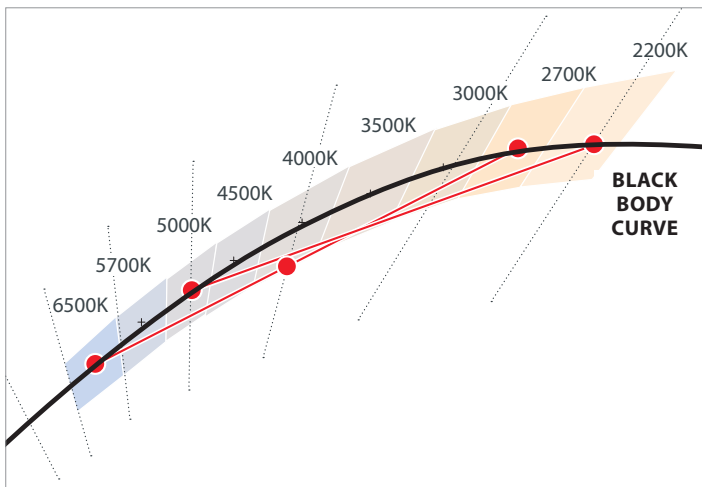
		BLUHUE, TUHUE, TUHUE2, AMBERHUE			
DIRECT:	SAL	LO	MO	SO	HO*
	Lm/Ft	200	375	500	715
	W/Ft	3.8	5.6	7.8	10.5

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



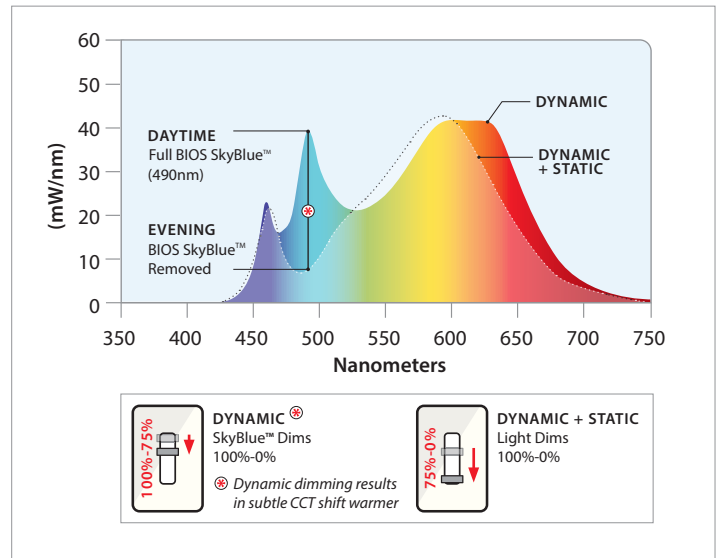
Prudential Lighting's **TuHue** Tunable White provides warm to cool white light simulating sunlight. Controlling the light source color temperature offers differing design aesthetics with potential benefits via circadian rhythm support. Blue light for alertness while warm light conveys tranquility.

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



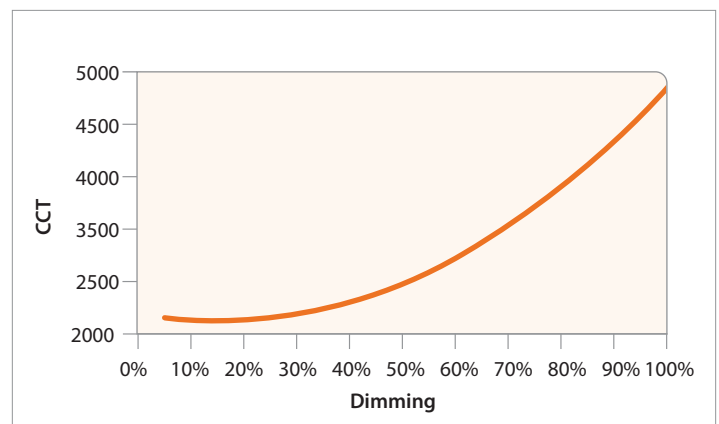
**BluHue BIOS SkyBlue™** circadian LED lighting brings the benefits of blue skies inside. Newly discovered blue-sky receptors in our eyes drive improved daytime alertness, mood, brain function, and strengthens circadian rhythms leading to overall better health and well-being.

- 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.

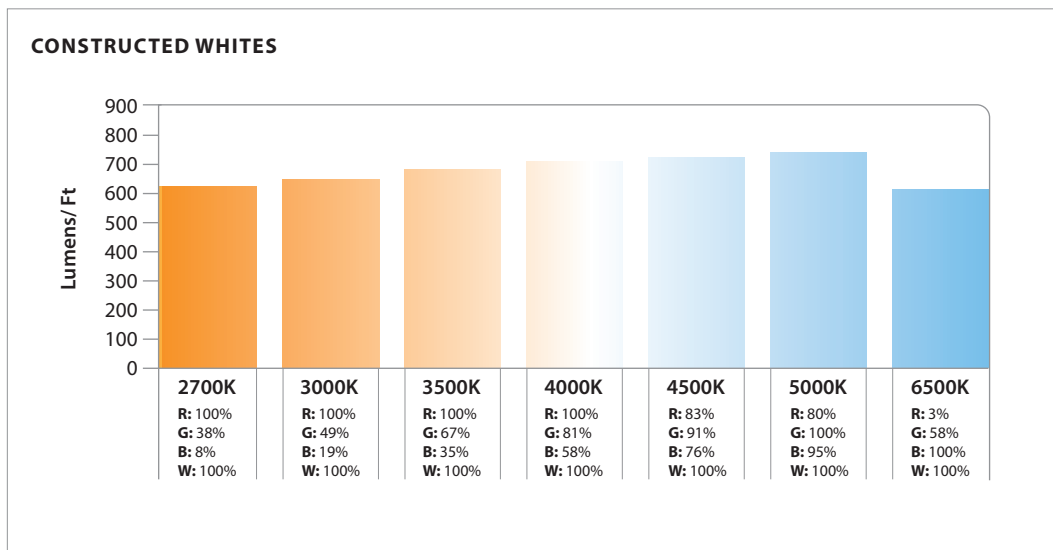
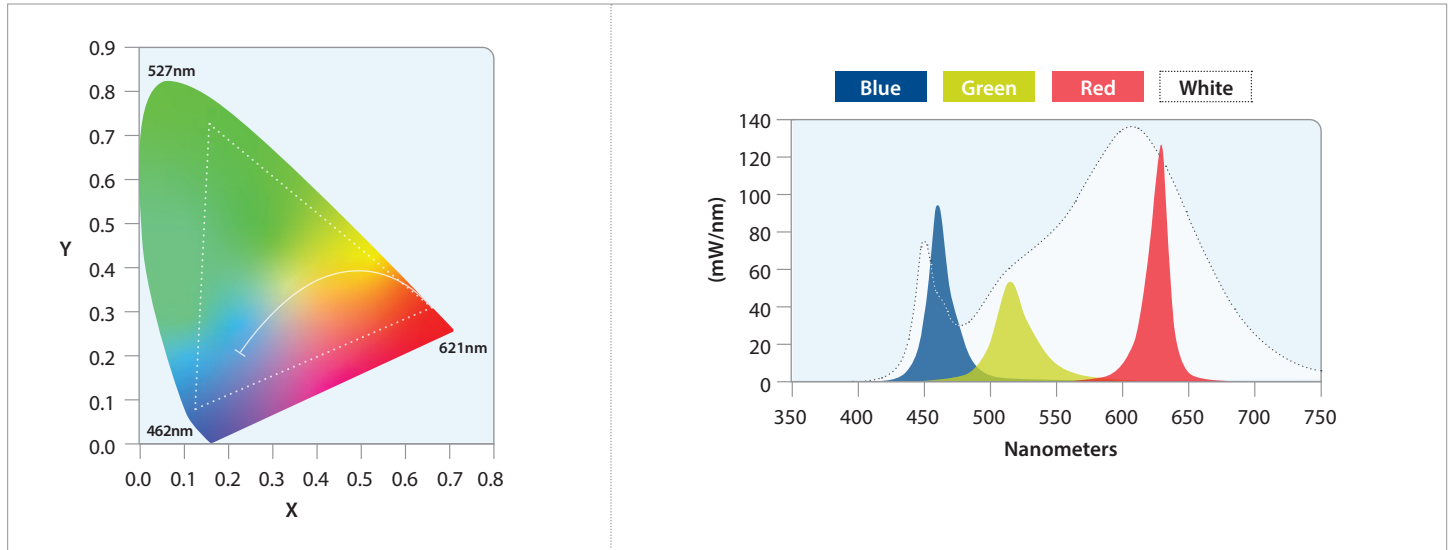


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**ChromaHue** offers a vibrant full gamut of colors for seemingly endless architectural interior applications. Rich color-changing light offers tremendous design flexibility while white light can be achieved with the White chip, or mixing of Red, Green 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.



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## LM79 & TM30 DATA:

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

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## LM79 & TM30 DATA:

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