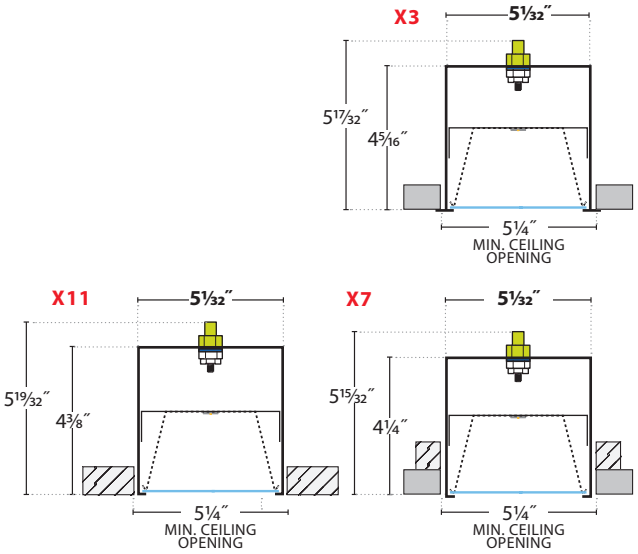
Wet BionicPro5 | Recessed Linear, Wet-Listed
5˝ Slot

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BionicPro delivers again. You're welcome!

Continuous lines of clean, seamless light with an IP65 & 66 wet listed rating. No door frames or broken lines of light. Gasketed lens for fully protected fixture (not just LED array). Indoor aesthetics taken outdoors for a consistent look.

IP65 for rows of unbroken lines of light, IP66 for individual fixtures.

LUMEN CHART:

		LO	MO	SO	HO
SAL	Lm	750	690	1000	1250
	W	3.9	5.8	8.1	10.8

SMART SPECS

-30° TO 50° C · IK08 IMPACT PROTECTION · IP65 DUST +WATER PROOF (ROWS) · IP66 DUST +WATER PROOF (INDIVIDUALS) · BABAA BUILD BUY AMERICA ACT · Declare. · 5 YEAR LED WARRANTY · Made in the USA

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)

SERIES	LENS POS.	LED COLOR	OUT-PUT	LENGTH	FINISH COLOR	DISTRI-BUTION	CIRCUIT-ING	VOLT-AGE	CEILING SYSTEMS	DRIVERS & CONTROLS	OPTIONS
WETBPRO5-RE	FLSH					SAL	SC				
BionicPro5˝ Recessed Linear • **IP66** Wet Listed for Individual fixtures • **IP65** Wet Listed for Rows	FLSH Flush Lens	LED27 2700K (90CRI) LED3 3000K LED35 3500K LED4 4000K LED3-90 3000K (90CRI) LED35-90 3500K (90CRI) LED4-90 4000K (90CRI) LED5-90 5000K (90CRI) **PRUHUES:** BLU3S Static BLU3D* Dynamic BLU35S BLU35D* BLU4S BLU4D* * Dynamic BIOS, SkyBlue spike can be dimmed, CCT warms slightly TU TuHue 2700-6500K Tunable White TU2 TuHue 2200-5000K Tunable White AMB AmberHue Warm Dim 2200K-5000K CHR ChromaHue RGBW (DMX at HO only)	LO Low MO Me-dium SO Stan-dard HO High PROG Pro-gram-mable Light Output (Specify desired lm/ft or w/ft)	2´ 3´ 4´ 5´ 6´ 7´ 8´ R___ (Row Length, 1´ incre-ments) SRL Sym-metric Row Length **NOTE:** Individual fixtures are NOT intended for row mount-ing • **IP66** Wet Listed for Individual fixtures • **IP65** Wet Listed for Rows	WetTMW Wet Textured White Semi-gloss WetYBB Wet Black Semi-gloss WetYPE Wet Pewter Matte WetYBR Wet Bronze Semi-gloss	SAL Satin Lens	SC Single Circuit	UNV (120-277) 347 (Emergen-cy battery requires remote driver box)	X3 Hard Ceiling X7 Mud-Over Flange X11 Finished Extruded Side (Ceilings needing nominal lengths)	ND Non-Dimming DM01 0-10v, 1% Dimming (Standard) LDE1 Hi-lume 1% EcoSystem LED (Soft fade on, fade-to-black dimming) ECO 1% 0-10v, EldoLED (Logarithmic dimming std) ECDA 1% DALI, EldoLED or Equal (Logarithmic dimming std) nLight-Wired Acuity nLight Drivers SOLO 0.1% 0-10v, EldoLED (Dim-to-dark, Logarithmic dimming std) SODA 0.1% DALI, EldoLED (Dim-to-dark, Logarithmic dimming std) STEP Signify Advance Step Dim-ming 2WIRE ELV/Forward/ Reverse Phase Driver **PRUHUES:** E10V 2 Channel Color Control EDALI 2 Channel Color Control EnLight-Wired 2 Channel Color Control (For nLight-Wired) EDMX ChromaHue or Static White	EMC Emergency Circuiting EF Power End Feed LIF 6´ Liquid-Tight Flexible Whip (Not Plenum Rated) **NOTE:** Power cord connection by others is standard. OMB Overhead Mounting Bracket (X3, X7 and X9 optional instal-lation — 2x per fixture)

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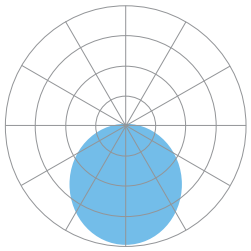
Wet BionicPro5 | Recessed Linear, Wet-Listed
5˝ Slot

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FLSH:
SATIN LENS

MEDIUM OUTPUT:
WETBIOPRO5-REC-FLSH-LED35-MO-SAL

2997	Delivered Lumens
23	Watts
130	lm/w
1.24	Spacing Criteria



Zonal Lumen Summary:
0-90 = 100%

Vertical Angle	0°	25°	45°	65°	90°
0°	1046	1046	1046	1046	1046
5°	1041	1040	1041	1040	1039
15°	1001	1001	1001	1000	1000
25°	925	924	924	924	927
35°	818	816	815	817	820
45°	685	685	680	684	688
55°	532	534	530	534	536
65°	365	369	364	369	370
75°	190	194	194	199	198
85°	38	44	48	51	50
90°	6	8	8	9	7

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**

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 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	4 lbs/ft

MOUNTING Recessed into drywall or t-bar ceilings.

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

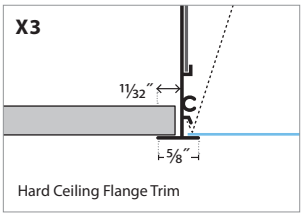
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5˝ Slot

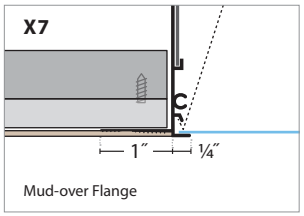
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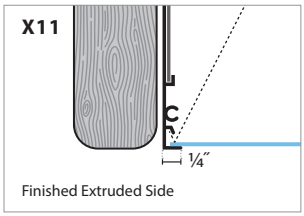
CEILING TYPE



Hard Ceiling Flange Trim

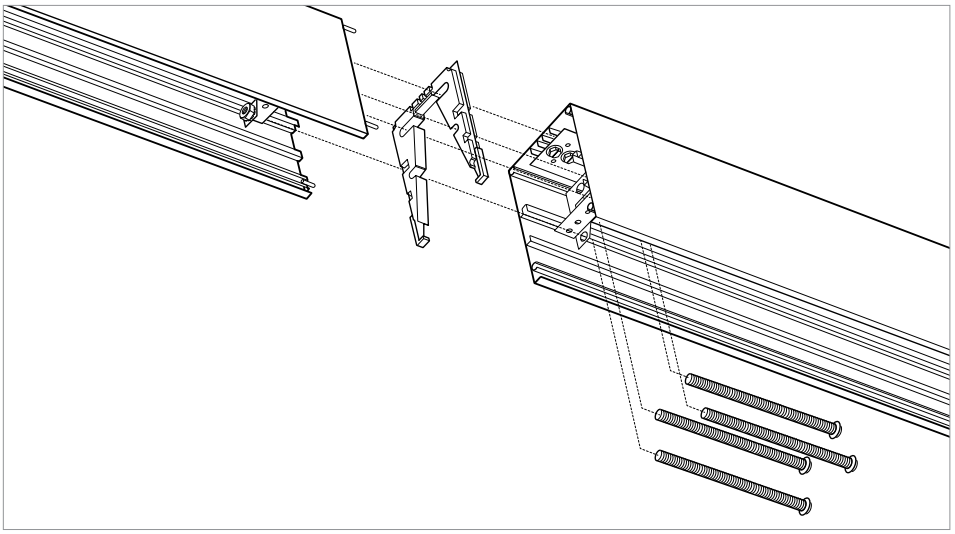


Mud-over Flange

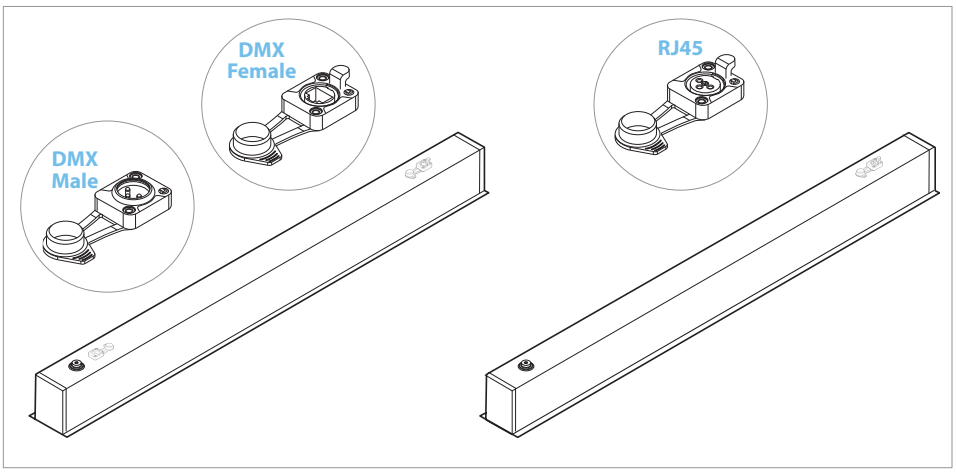


Finished Extruded Side

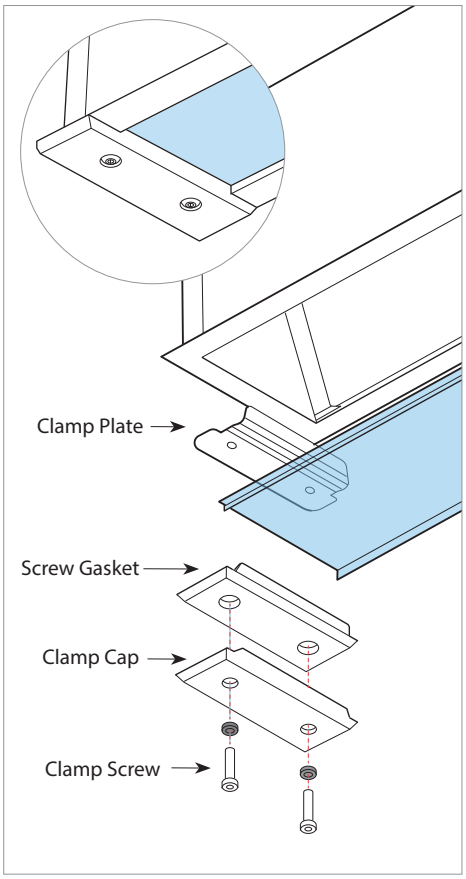
ADJOINING DETAIL

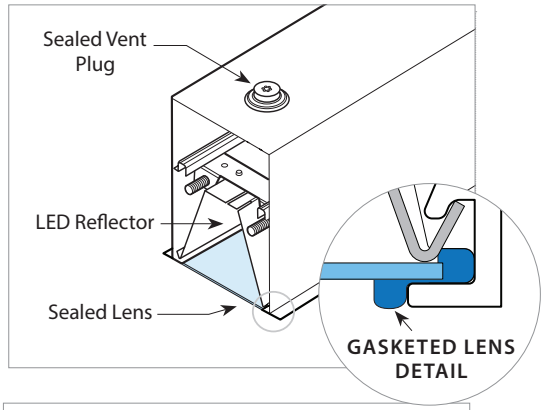


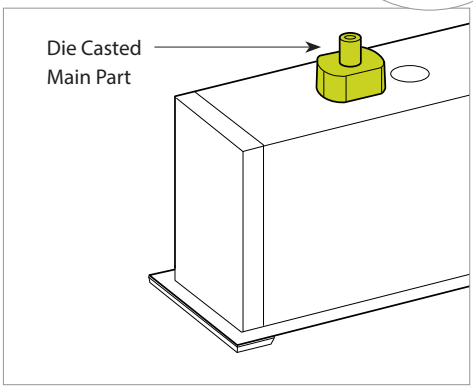
DMX / CAT5 CONNECTORS



RUGGED DURABILITY





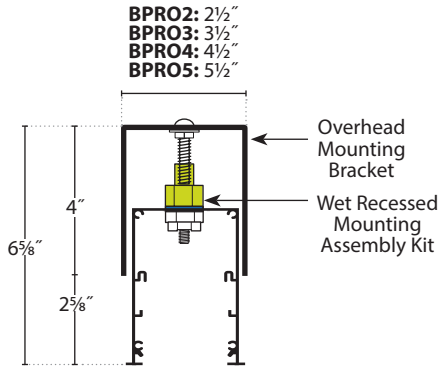


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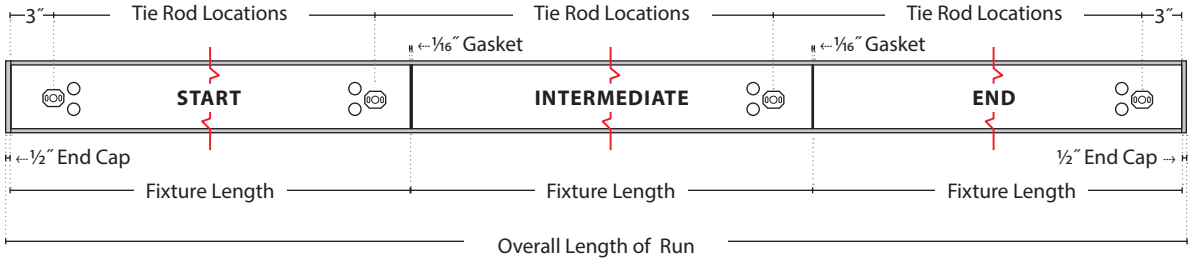
Wet BionicPro5 | Recessed Linear, Wet-Listed
5″ Slot



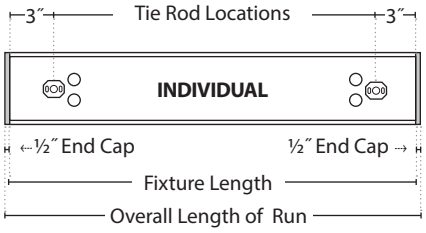
OVERHEAD MOUNTING BRACKET (OMB)—OPTIONAL



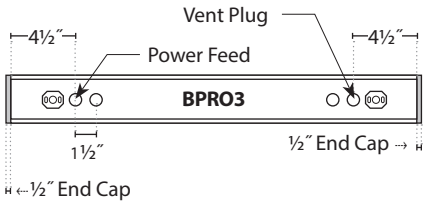
HARD CEILING X3/X7/X11 — MOUNTING DIMENSIONS



	FIXTURE LENGTHS	TIE ROD LOCATIONS	
		Start / Individual	Intermediate / End
2′	24″	18″	—
3′	36″	30″	36⅛″
4′	48″	42″	48⅛″
5′	60″	54″	60⅛″
6′	72″	66″	72⅛″
7′	84″	78″	84⅛″
8′	96″	90″	96⅛″



POWER FEED LOCATIONS:



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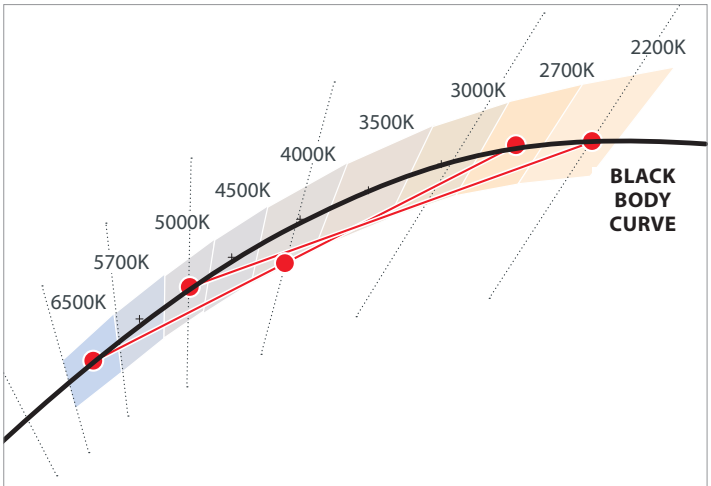
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5˝ Slot

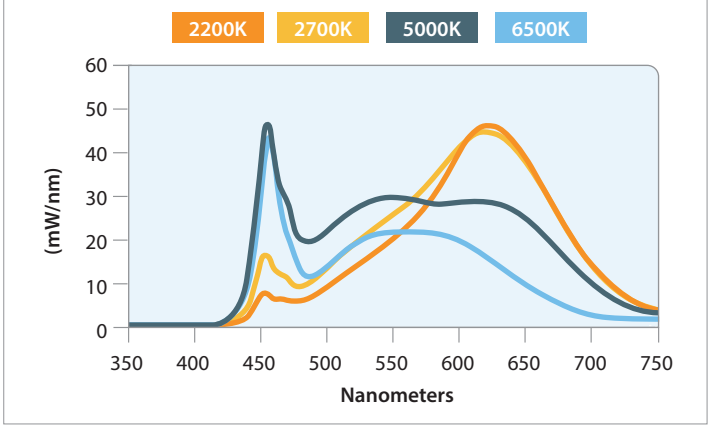
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Tū Hue

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.





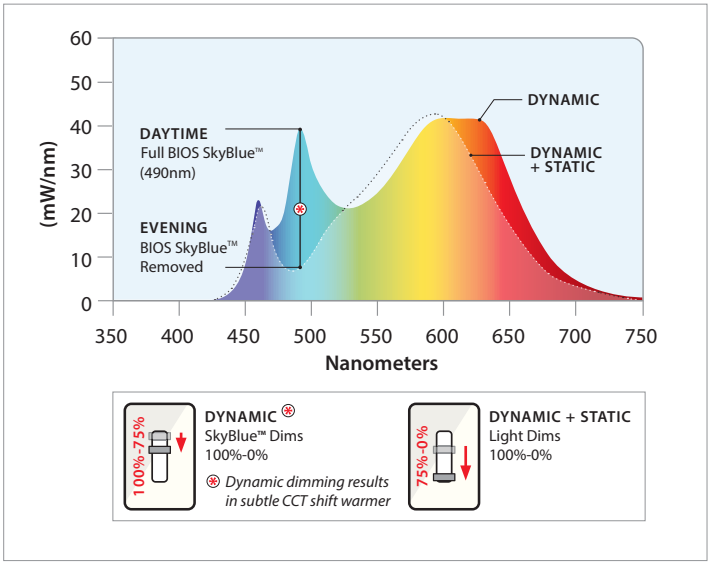
WIRING DIAGRAMS SPEC

Blu Hue

bios ILLUMINATED

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.

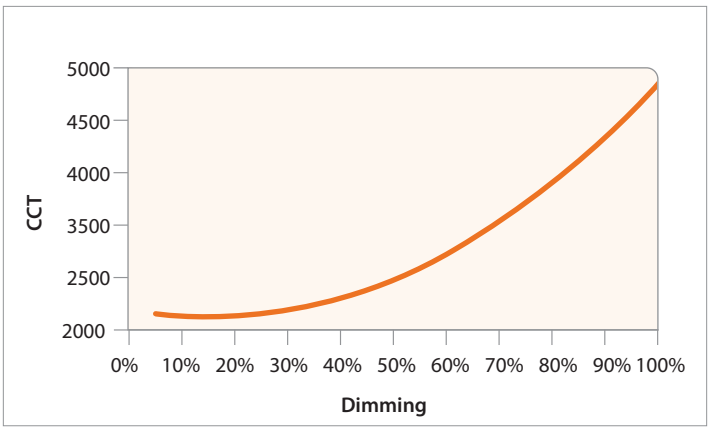
— Circadian rhythms play an integral role in physical and mental health.
— BluHue BIOS SkyBlue pinpoints peak 490nm sensitivity to provide the most benefit from an electric light source.
— At night, simply dim the lights to remove SkyBlue™ wavelengths (specify "Blu_D" to dim Cyan SkyBlue spike separately [night mode]).



Amber Hue

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.



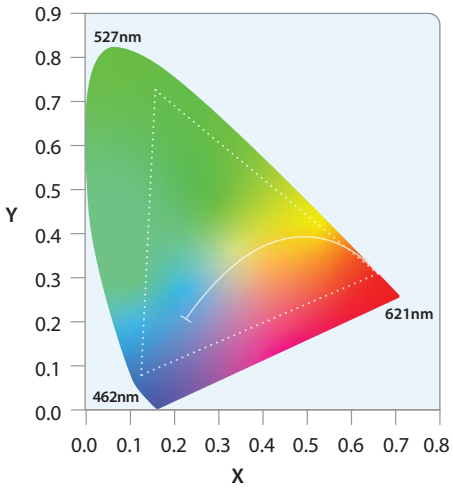
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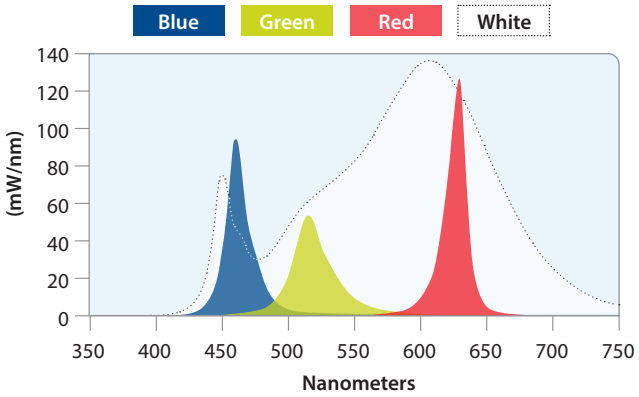
Wet BionicPro5 | Recessed Linear, Wet-Listed
5˝ Slot

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.

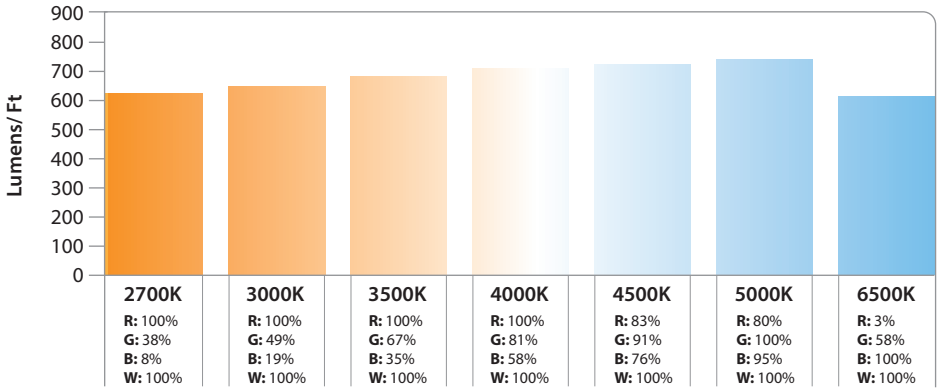
- RGBW LED array (Red, Green, Blue, White) with full spectrum color and white light on the black body curve.
- Four-channel control, DMX drivers.
- Any color point within the triangle can be reached by setting the proper output levels for each individual red, green, blue and white channels.
- Standard DMX is one zone with one XLR drop at start, one XLR return at the end.

WIRING DIAGRAMS SPEC





CONSTRUCTED WHITES

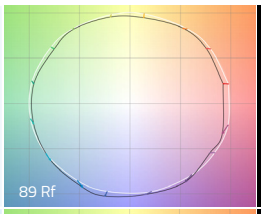
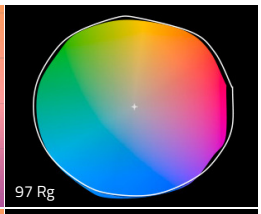
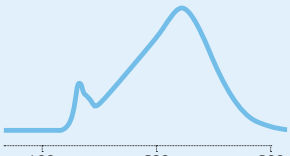
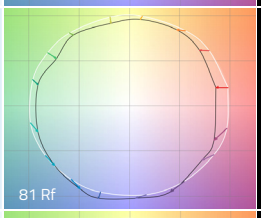
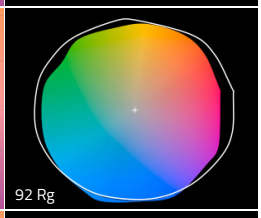
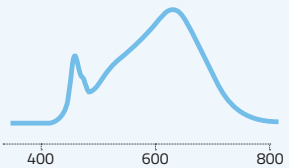
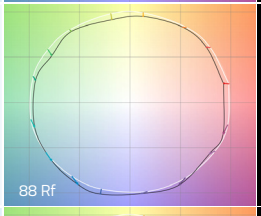
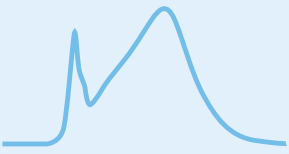
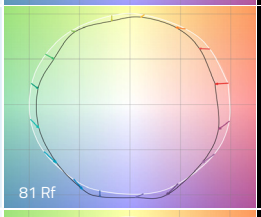
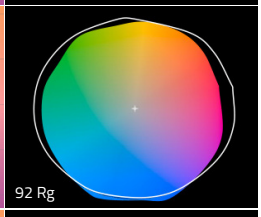
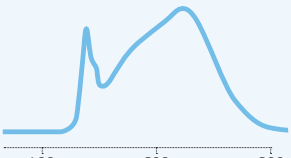
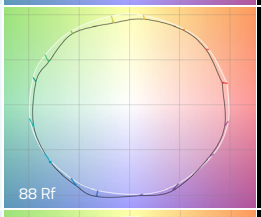
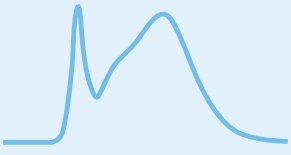
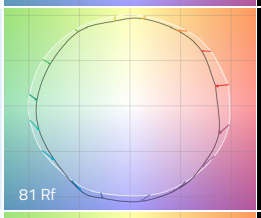
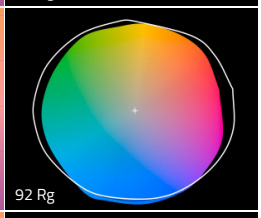
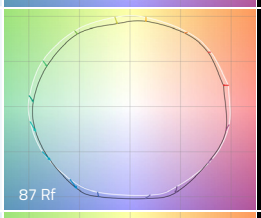
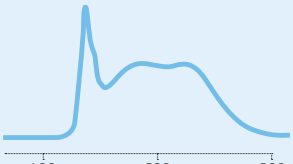
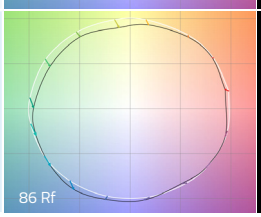
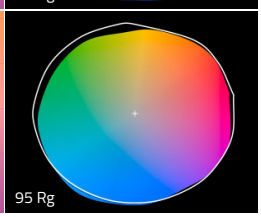


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Wet BionicPro5 | Recessed Linear, Wet-Listed
5˝ Slot

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LM79 & TM30 DATA:

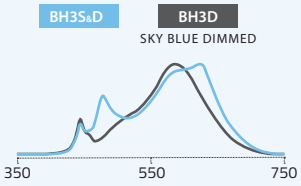
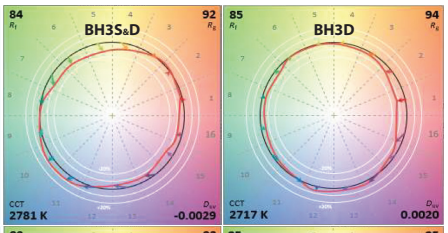
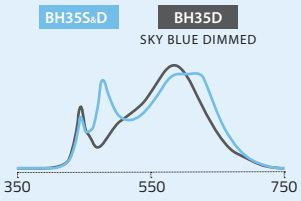
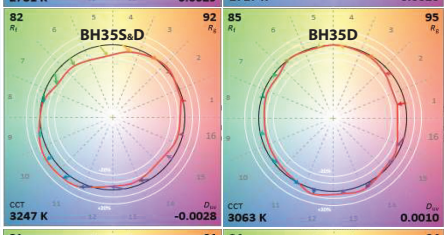
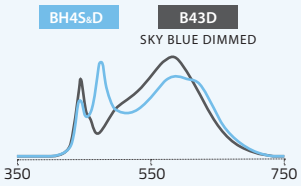
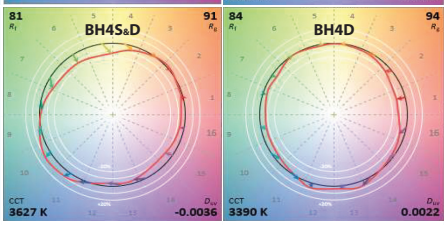
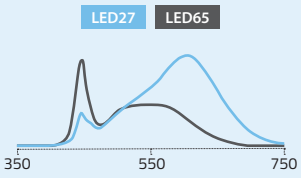
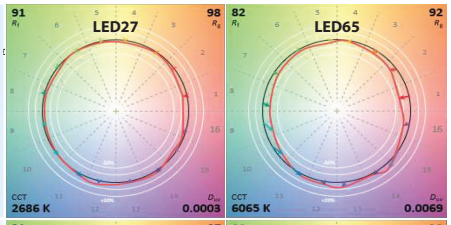
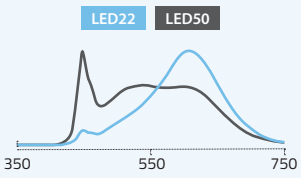
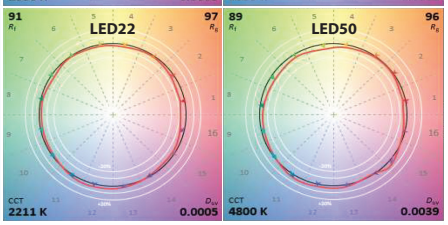
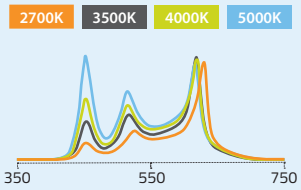
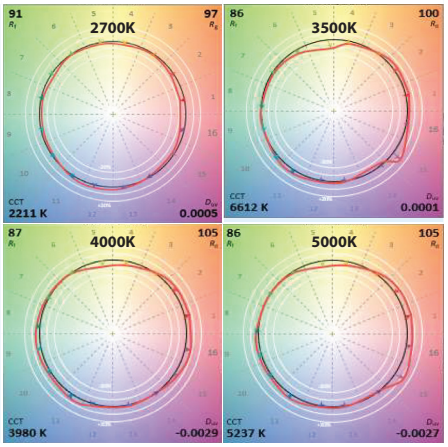
	MEASURED CCT	MEASURED LUMENS	CRI	R9	DuV	SPD	TM30 — COLOR VECTOR	TM30 — COLOR DISTORTION
LED27	2680	80%	93	58	0.001			
LED3	3042	95%	82	6	0.001			
LED3-90	3016	85%	93	61	0.000			
LED35	3482	100%	82	3	0.002			
LED35-90	3417	85%	93	67	0.000			
LED4	3952	102%	82	4	0.003			
LED4-90	3882	85%	92	67	0.003			
LED5-90	4889	85%	94	84	0.002			

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		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		

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