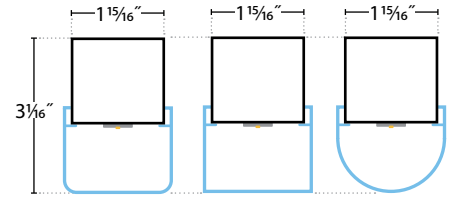




RZ-PRO—Satin Acrylic Lens (SAL)



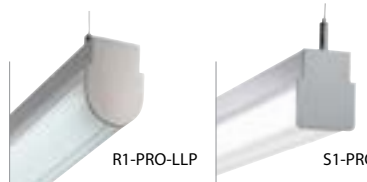
Same great all-purpose Snap now with much higher lumen levels (and efficiencies).

Our Linear Prismatic (LLP) lens turns Snap into an outstanding Stack fixture ideal for warehouses, manufacturing, libraries and more.

TUNABLE WHITE

Tu Hue Amber Hue

Blu Hue Chroma Hue



R1-PRO-LLP

S1-PRO

Low Output:
S1-LED35-LO-SAL
2163 Delivered Lumens
15 Watts
144 lm/w

UP TO **144** LPW

SAL:

	LO	MO	SO	HO
lm/ft	515	880	1200	1550
w/ft	3.75	6.5	9.4	12.5

WA:

lm/ft	430	740	1030	1285
-------	-----	-----	------	------

LLP:

lm/ft	540	920	1275	1625
w/ft	3.75	6.5	9.4	12.5

BLUHUE, TUHUE, TUHUE2, AMBERHUE

lm/ft	450	670	890	1100
w/ft	4	6	8	10

SMART SPECS



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	LED COLOR	OUT-PUT	NOMINAL LENGTH	SHIELD-ING	COLOR/FINISH	VOLT-AGE	MOUNT-ING	CEILING SYSTEMS	DRIVERS	OPTIONS, SENSORS & CORNERS
R1-Pro Round	LED27 2700K (90CRI)	LO Low	2'	SAL Satin Acrylic Lens	TMW Textured Matte White	UNV (120-277)	SUR Surface or Wall Mount (Standard)	X1 T-Bar 1 1/16" or 3/16" Exposed (Standard) Consult factory for 1/2" Tegular	ND Non-Dimming DM01 0-10v, 1% Dimming (Standard)	EMHE Emergency Battery (1350 Delivered lumens, CA Title 20 compliant, 4' or longer)
S1-Pro Square	LED35 3500K	MO Medium	3'	YAG Gloss White (Standard)	YAG Gloss White (Standard)	347 (Emergency battery requires a Step Down transformer)	CA48", 96" or 144" Aircraft Cable (Adjustable)	X3 Hard Ceiling	LDE1 Hi-lume 1% EcoSystem LED (Soft fade on, fade-to-black dimming)	ETS-DR Iota ETS-DR Emergency Transfer Switch
RZ-Pro Razor Sharp Edged Lens	LED4 4000K	SO Standard	4'	WA White Acrylic Lens (NA RZ-Pro)	Y Premium Color			X6 Slot Grid or Interlude	ECO 1% 0-10v, EldoLED (Logarithmic dimming std)	EMC Emergency Circuiting
	LED3-90 3000K (90CRI)	HO High	5'	LLP Linear Prismatic Acrylic Lens for LED (Stack optics, R1 Only)	LUXE METALLICS: YBZ Bronze				ECDA 1% DALI, EldoLED (Logarithmic dimming std)	TRS Tamper-Resistant Screws
	LED35-90 3500K (90CRI)	PROG Programmable Light Output (Specify desired lm/ft or w/ft)	6'		YCP Copper Penny				nLight-Air Acuity nLight Drivers (ECDA driver ONLY)	EBCP1G/2G Single/ Dual Gang (Electrical Box Cover Plate/Mud Ring)
	LED4-90 4000K (90CRI)	SRL Symmetric Row Length	7'		YGN Gold Nugget				nLight-Wired Acuity nLight Drivers (ECO driver ONLY, Requires Remote Driver)	JA8 90 CRI, ECO Driver Only (consult factory for pricing)
	LED5-90 5000K (90CRI)	NOTE: Individual fixtures are NOT intended for row mounting	8'						SOLO 0.1% 0-10v, EldoLED (Dim-to-dark, Logarithmic dimming std)	PruTune Wall Device (EDALI driver only, one PruTune device for each zone)
	PRUHUES:								SODA 0.1% DALI, EldoLED (Dim-to-dark, Logarithmic dimming std)	
	STATIC:								STEP Signify Advance Step Dimming	
	BLU3S								2WIRE ELV/Forward/Reverse Phase Driver	
	BLU35S								PRUHUES:	
	BLU4S								E10V 2 Channel Color Control	
	DYNAMIC:								EDALI 2 Channel Color Control	
	BLU3D*								EDMX ChromaHue or Static White	
	BLU35D*									
	BLU4D*									
	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)									

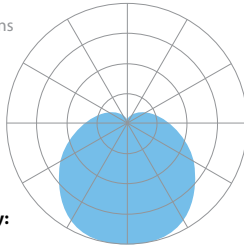


DISTRIBUTIONS

Standard Output:

S1-LED35-MO-04-SAL

5100 Delivered Lumens
38 Watts
136 lm/w
3500 CCT
Test
#104160086LAX-003



Zonal Lumen Summary:

0-90 (Down) = 84%
90-180 (Up) = 16%

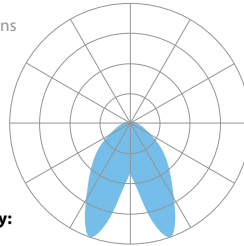
1428

Vertical Angle	0°	25°	45°	65°	90°
0°	1428	1428	1428	1428	1428
5°	1424	1423	1419	1428	1428
15°	1347	1357	1364	1378	1383
25°	1208	1228	1249	1271	1276
35°	1015	1051	1089	1127	1143
45°	796	851	921	989	1018
55°	573	646	752	852	894
65°	355	330	282	225	172
75°	285	258	208	148	88
85°	47	152	286	381	410
90°	0	107	232	315	340
95°	0	150	110	57	0
105°	0	127	94	49	0
115°	0	59	140	186	198
125°	0	48	107	147	160
135°	0	38	83	114	124
145°	0	30	61	85	92
155°	0	22	42	58	62
165°	0	16	24	32	24
175°	0	13	14	14	10
180°	0	0	0	0	0

Standard Output:

R1-LED35-SO-LLP

5186 Delivered Lumens
38 Watts
138 lm/w
3500 CCT
Test
#104160086LAX-009



Zonal Lumen Summary:

0-90 (Down) = 94%
90-180 (Up) = 6%

845

Vertical Angle	0°	25°	45°	65°	90°
0°	845	845	845	845	845
5°	850	878	943	1016	1040
15°	859	1134	1828	2449	995
25°	892	1638	2642	2392	2217
35°	952	1956	1911	1520	1459
45°	993	1631	1164	1014	995
55°	831	956	665	631	620
65°	437	454	368	362	357
75°	151	210	218	209	200
85°	28	103	150	146	138
90°	0	76	130	130	123
95°	0	60	114	117	112
105°	0	39	89	99	98
115°	0	26	65	82	84
125°	0	20	46	61	65
135°	0	16	34	44	47
145°	0	14	25	33	35
155°	0	12	18	23	24
165°	0	13	14	16	11
175°	0	15	15	14	10
180°	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. Min: 3.75 w/ft, Max 12.5 w/ft.

LABELS

CSA and 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.

32v Forward Voltage (+/- 1 volt based on drive current)

Drive Currents: **LO:** 100mA, **MO:** 100mA, **SO:** 250mA, **HO:** 325mA

CONSTRUCTION

Housing Die-formed 20-gauge steel, >20% PC recycled, 100% recyclable.

End Caps Spring-fastened aluminum, >25% PC recycled, 100% recyclable.

Lens Single-piece (up to 8' lengths) extruded acrylic, 100% recyclable.

Weight 2 lbs/ft.

MOUNTING

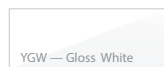
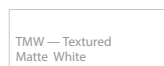
Surface mounted to walls or ceilings or suspended by cable.

WARRANTY

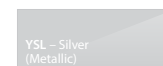
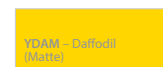
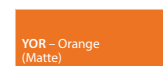
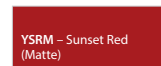
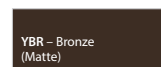
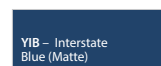
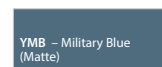
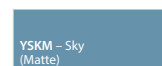
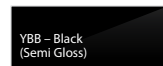
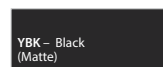
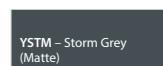
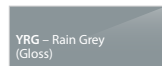
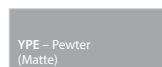
Single-source, 5 year limited warranty covers standard components and construction.

FINISH COLORS

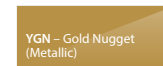
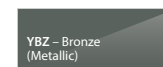
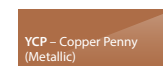
STANDARD:



PREMIUM:



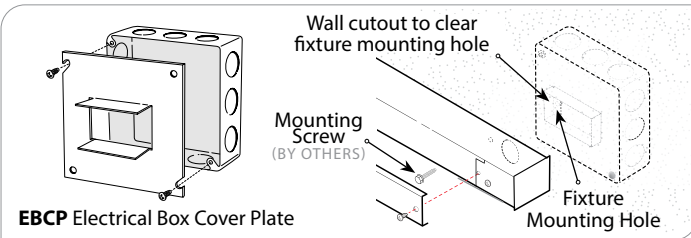
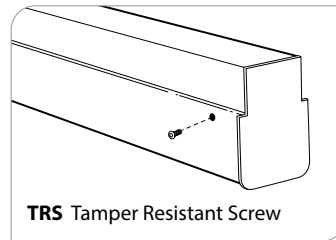
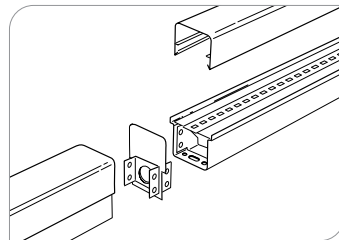
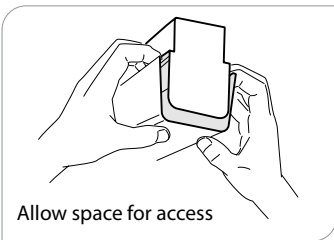
LUXE METALLICS:



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



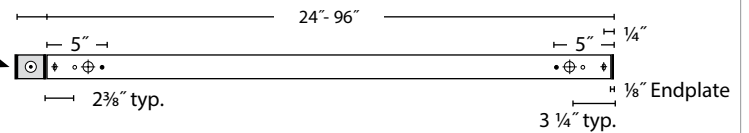
ADJOINING DETAIL



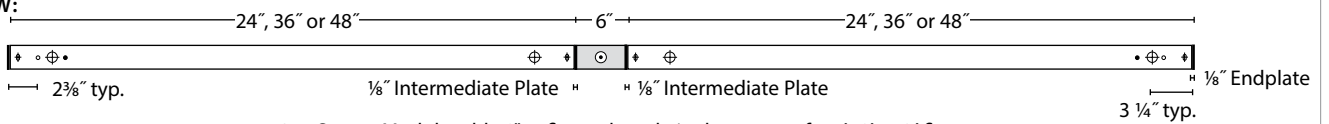
MOUNTING LOCATIONS

- ⊕ Cable Mount
- Surface Mount
- ⊕ 7/8" Diam. K.O.
- 1 1/16" K.O. / Stem & Powerfeed

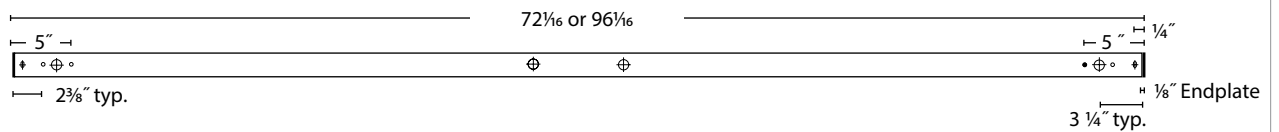
3" Sensor Module added to fixture length for 205, LUX and ENL, end of run or between fixtures



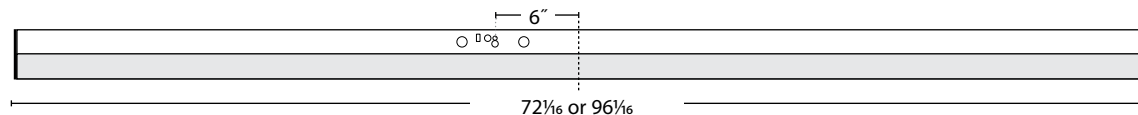
TOP VIEW:



211 Sensor Module adds 6" to fixture length, in the center of a 4', 6' or 8' fixture



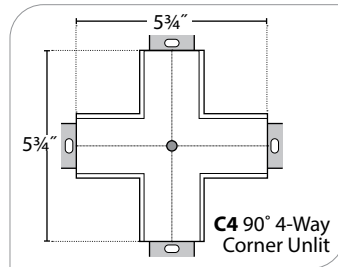
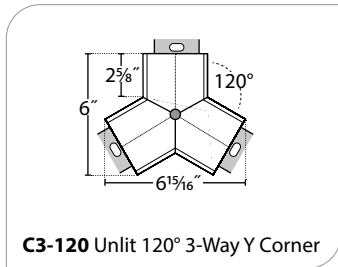
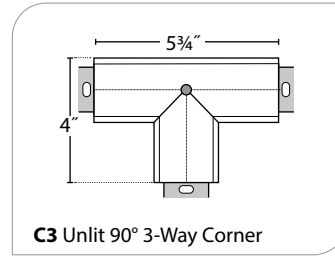
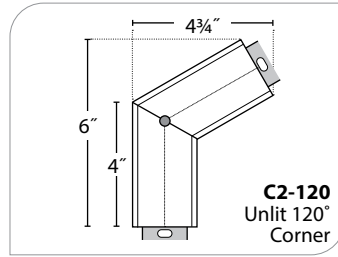
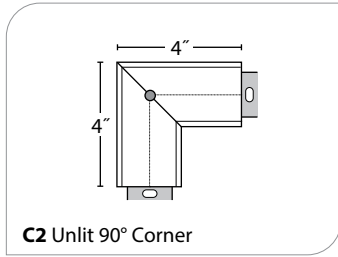
SIDE VIEW:
505 Sensor



Sensor is centered on all fixtures except on 72" and 96" where it is 6" offset to the right



CORNERS



NOTE: All corners available S1 square only



WIRING DIAGRAMS
SPEC



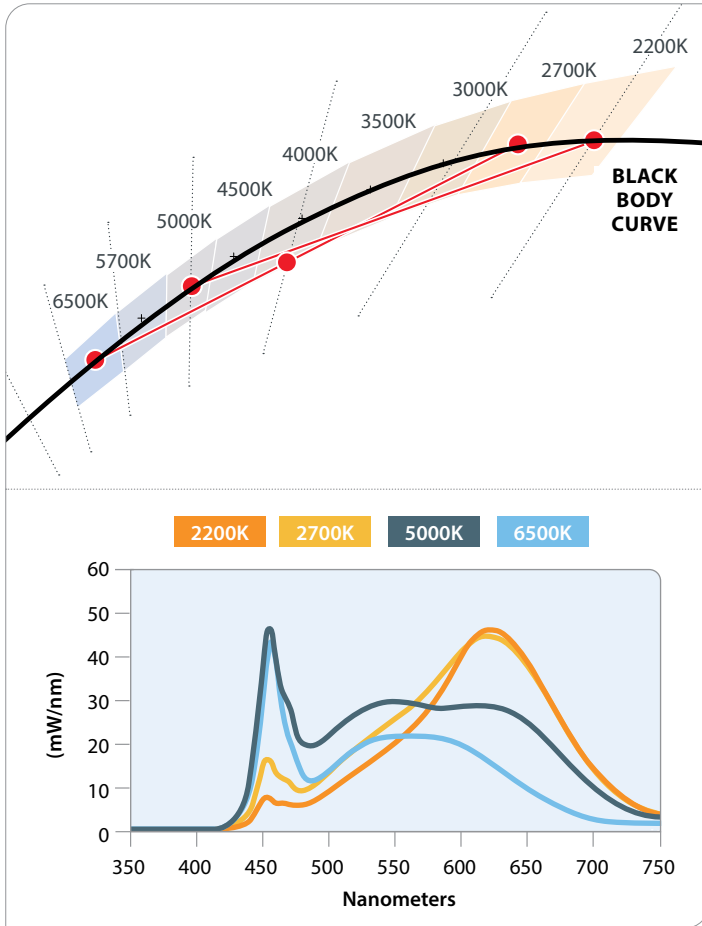
PRUDENTIAL LTG.

PRULITE.COM 213.746.0360



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.

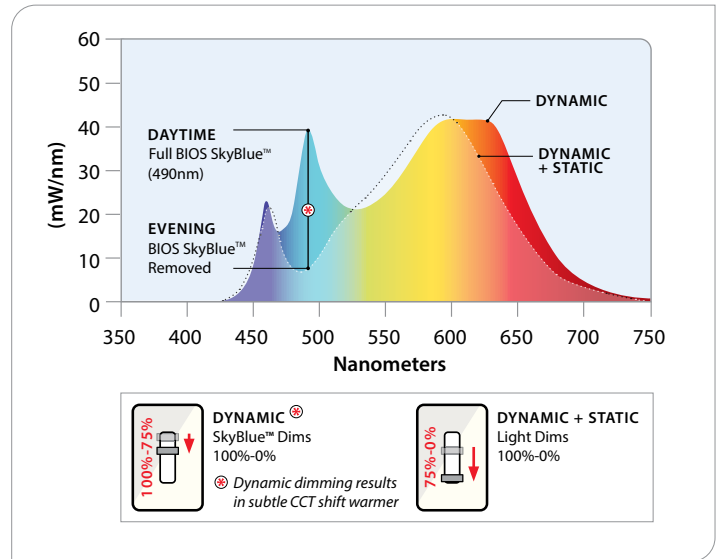
- 2700K-6500K or 2200K-5000K.
- Adjust the color temperate and brightness separately.
- Simulates warm to cool to warm transition of sunlight.



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.

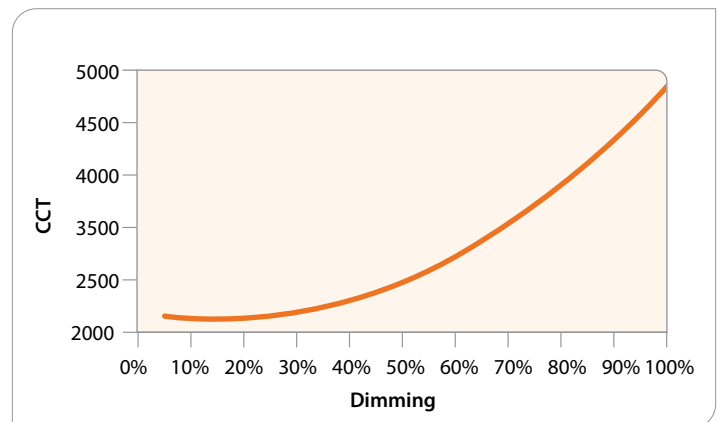


- Circadian rhythms play an integral role in physical and mental health.
- BluHue BIOS SkyBlue pinpoints peak 490nm sensitivity to provide the most benefit from an electric light source.
- At night, simply dim the lights to remove SkyBlue™ wavelengths (specify "Blu_D" to dim Cyan SkyBlue spike separately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



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.

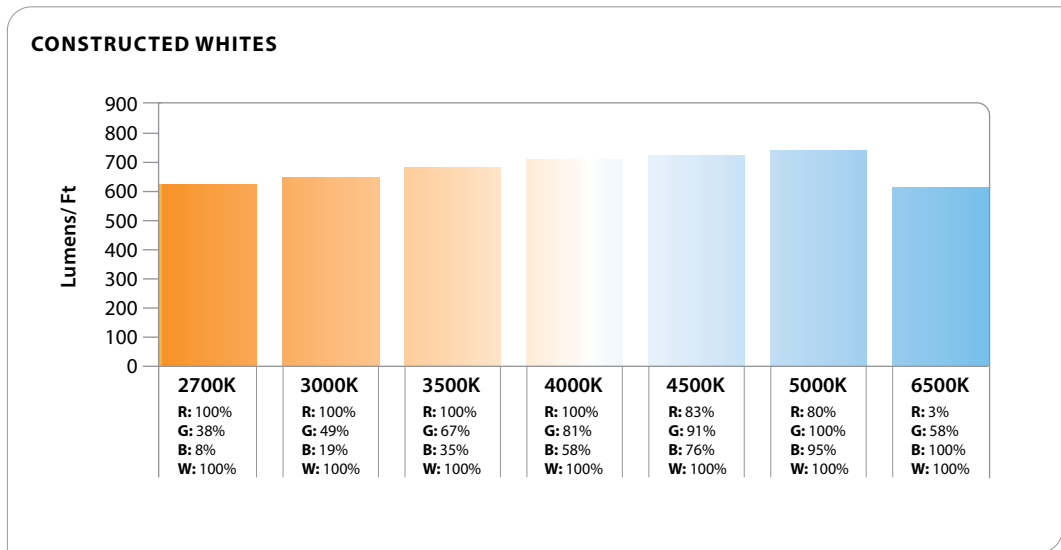
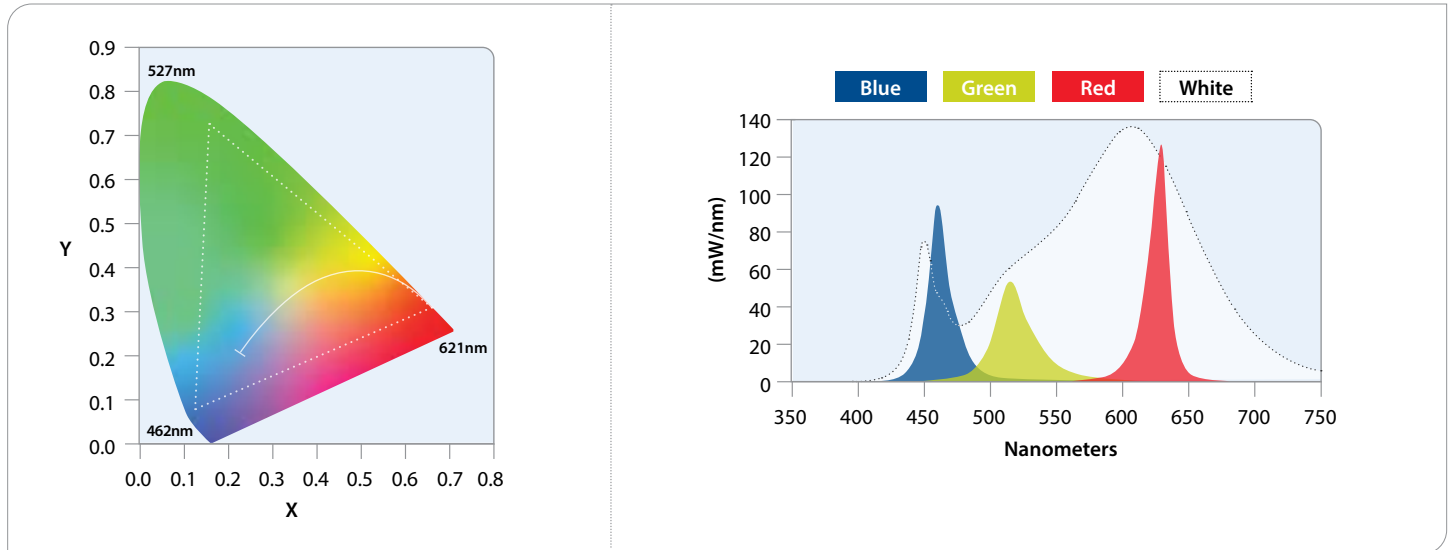
- Warm Dim 2200K-5000K.
- Color temperature warms as the luminaire is dimmed.
- Calm, relaxing mood communicated – hospitality, residential feel.





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.





PRUTUNE WALL DEVICE



BRIGHTNESS: 0.1%-100%

COLOR WHEEL

POWER INDICATOR
RED : OFF
BLUE : ON

ON / OFF

PRESET COLOR TEMPERATURES

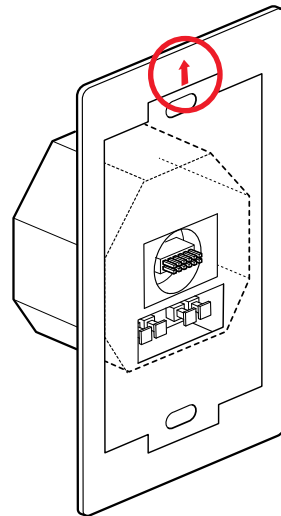
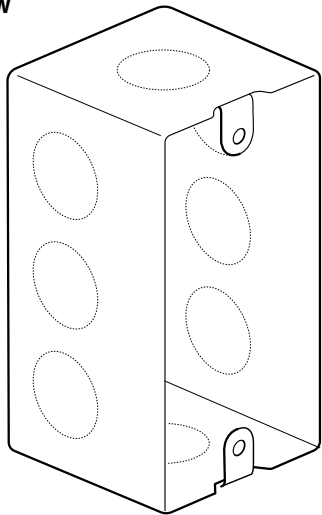
PRUTune DALI device includes:

- Easy-to-understand user control with intuitive design
- Out-of-the-box set-up, no commissioning needed
- Color wheel for color change from 2700K to 6500K
- Dimming to 0.1% (255 Steps)
- Six preset colors (2700K, 3000K, 3500K, 4000K, 5000K, 6500K)
- Must use DALI driver, consult factory to control non-Prudential Ltg Tunable White fixtures
- Control one (1) zone - up to 30 drivers
(Consult factory for fixture quantity dependant upon fixture type, size & output)

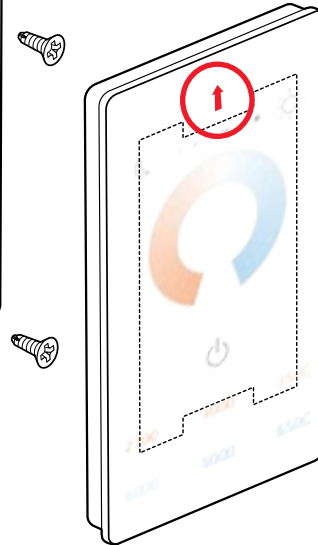
PRUTune + EMHE: — Prutune does not have memory

- Once normal power is restored, the controller sends a signal of 100% intensity and 6500K CCT

EXPLODED VIEW



Ensure arrows are aligned when assembling 'Pru wall device'





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	3488	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	4056	92	57	0.0001		
	LED65	6061	4052	82	-1	0.006		
TH2	LED22	2209	4012	92	52	0.0005		
	LED50	4796	4044	93	77	0.004		
CH	2700K	2632	4076	82	50	0.003		
	3500K	3388	4424	83	5	0.002		
	4000K	3977	4444	83	29	0.003		
	5000K	5233	4548	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 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.</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>