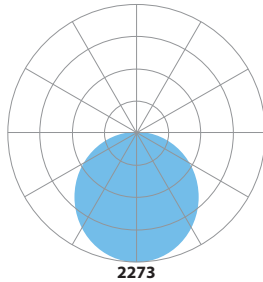






## PHOTOMETRICS

**Low Output:**  
**P9040-LED35-LO-FWA**  
 7017 Delivered Lumens  
 88 Watts  
 80 lm/w  
 3500 CCT  
 Test #L041411805



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

Vertical Angle	0°	22.25°	45°	67.5°	90°
0°	2273	2273	2273	2273	2273
5°	2260	2260	2260	2260	2260
15°	212	212	212	212	212
25°	2005	2005	2005	2005	2005
35°	1773	1773	1773	1773	1773
45°	1484	1484	1484	1484	1484
55°	1150	1150	1150	1150	1150
65°	807	807	807	807	807
75°	440	440	440	440	440
85°	131	131	131	131	131
90°	0	0	0	0	0

### Luminance Chart:

Angle	0°	45°	90°
45°	1959	1959	1959
55°	1871	1871	1871
65°	1782	1782	1782
75°	1587	1587	1587
85°	1403	1403	1403

## LUMEN MAINTENANCE

Designed to last with cool running mid-power LEDs projected to maintain 90% (L90) of their initial output for 100,000 hours (at HO), and L70 exceeding 150,000 hours.

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

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

**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 1.25" w x 1" h.

## CONSTRUCTION

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

**Lens** Thermoformed acrylic, 100% recyclable.

**Weight**  
**9018:** 19 lbs  
**9020:** 25 lbs  
**9030:** 52 lbs  
**9040:** 77 lbs

**MOUNTING** Recessed mounted into T-bar or hard ceiling applications.

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



## FINISH COLORS

### STANDARD:

TMW — Textured Matte White	YGW — Gloss White
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### PREMIUM:

YSW — Seashell White (Matte)	YRG — Rain Grey (Gloss)
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YPE — Pewter (Matte)	YSTM — Storm Grey (Matte)
----------------------	---------------------------

YBK — Black (Matte)	YBB — Black (Semi Gloss)
---------------------	--------------------------

YSKM — Sky (Matte)	YMB — Military Blue (Matte)
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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)
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### LUXE METALLICS:

YCP — Copper Penny (Metallic)	YGN — Gold Nugget (Metallic)
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YBZ — Bronze (Metallic)	
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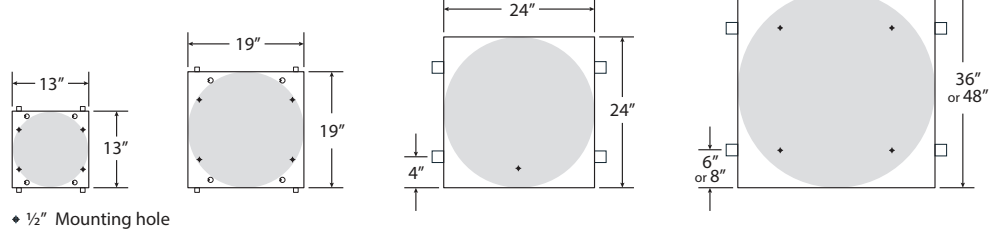
Choose from one of our Premium Colors with no set-up fee.

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

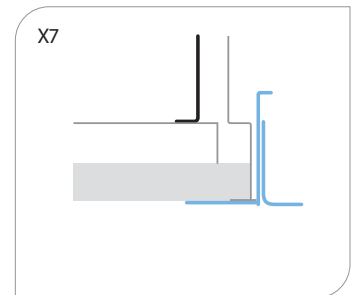
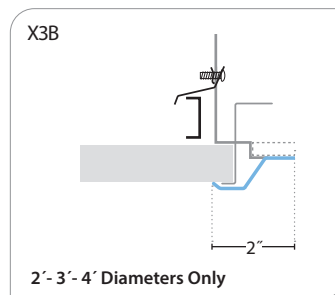
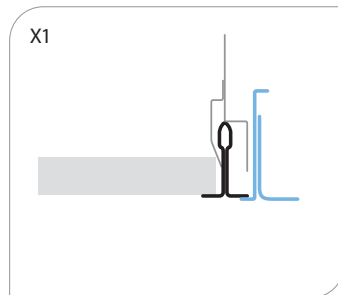


## MOUNTING LOCATIONS

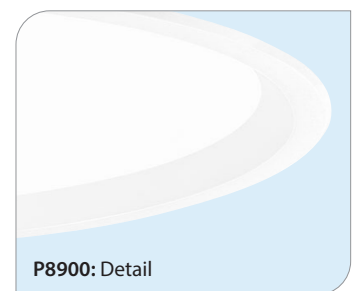
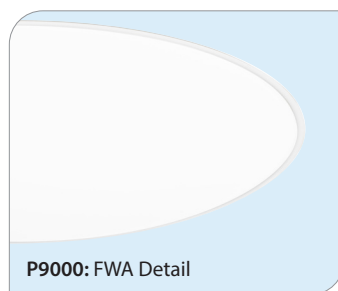
Fixtures mounted via square back box  
 Fixture must be installed prior to ceiling installation



## CEILING SYSTEMS



## COMPLIMENTARY FIXTURES



# P9000 | Recessed



WIRING DIAGRAMS  
SPEC



PRUDENTIAL LTG.

PRULITE.COM 213.746.0360

## Lumen Outputs:

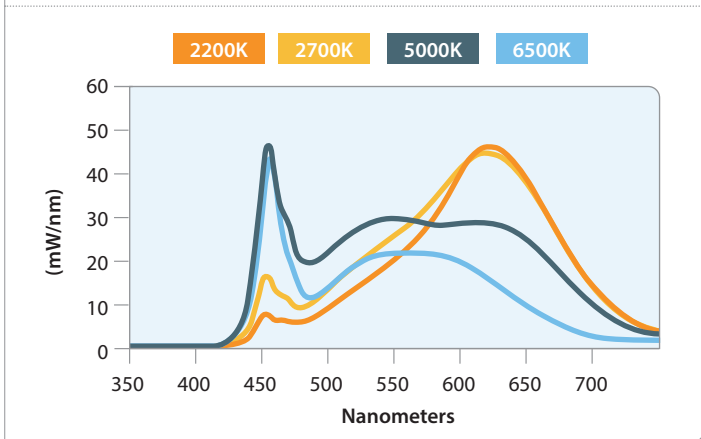
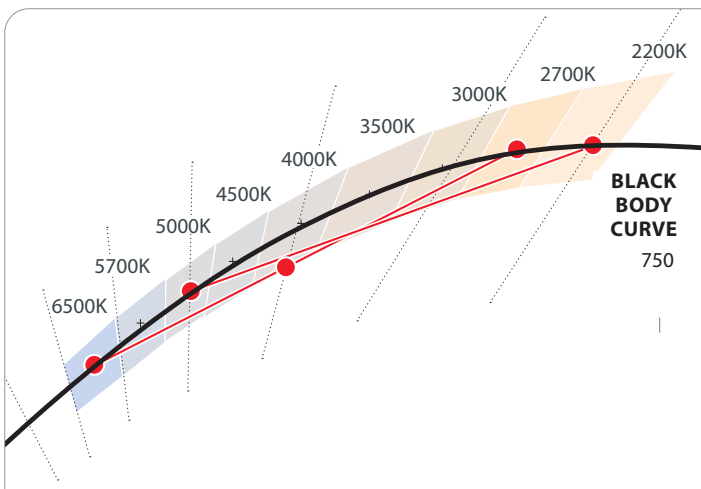
		BLUHUE, TUHUE, TUHUE2, AMBERHUE			
		LO	MO	SO	HO*
12":	lm	330	425	650	850
	w	10	12	19	24
18":	lm	575	1000	1175	1300
	w	13	21	25	28
2":	lm	1275	1900	2350	3175
	w	23	34	43	60
3":	lm	2700	4200	5400	7950
	w	44	70	94	144
4":	lm	4200	5275	8300	12600
	w	63	81	131	207

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



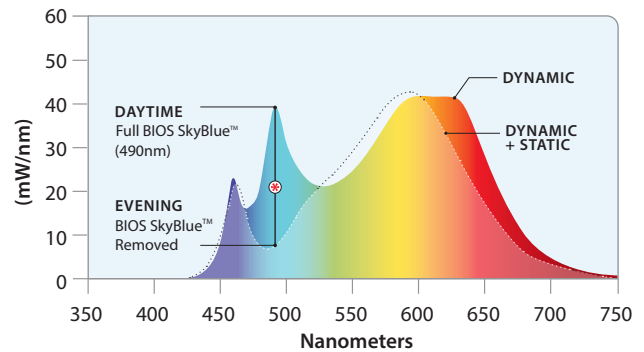
Prudential Lighting's **TuHue** Tunable White provides warm to cool white light simulating sunlight. Controlling the light source color temperature offers differing design aesthetics with potential benefits via circadian rhythm support. Blue light for alertness while warm light conveys tranquility.

- 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 model]).



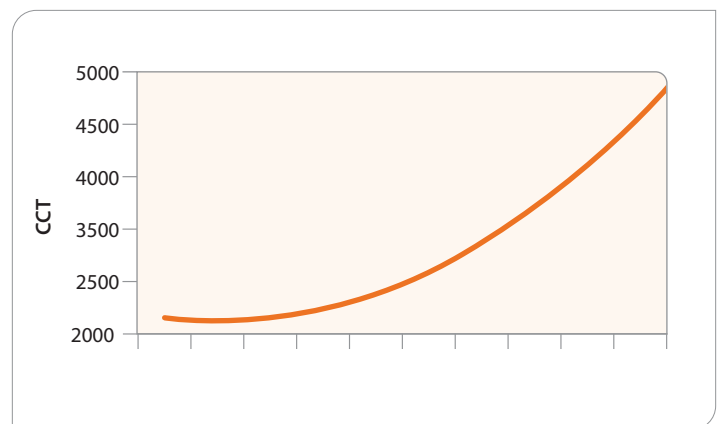
100%-75%  
DYNAMIC  
SkyBlue™ Dims  
100%-0%  
⊗ Dynamic dimming results  
in subtle CCT shift warmer

75%-0%  
DYNAMIC + STATIC  
Light Dims  
100%-0%



**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.

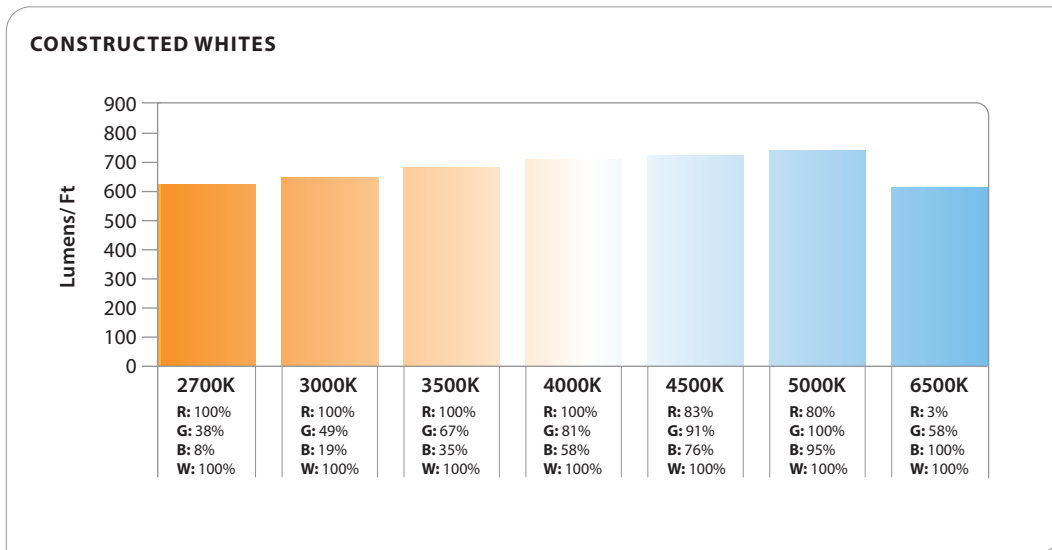
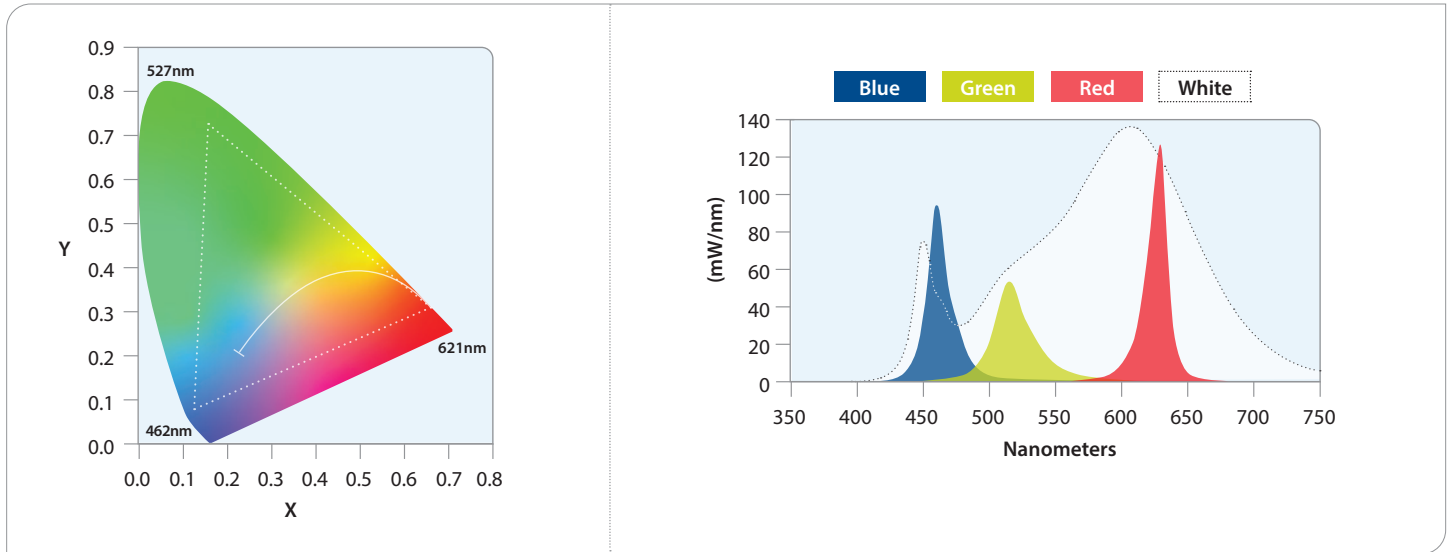
- Warm Dim 2200K-5000K.
- Color temperature warms as the luminaire is dimmed.
- Calm, relaxing mood communicated – hospitality, residential feel.





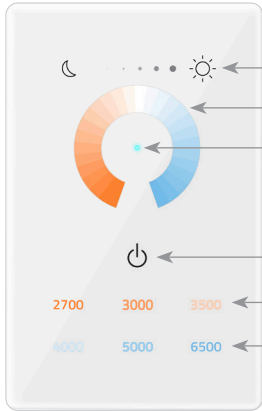
**ChromaHue** offers a vibrant full gamut of colors for seemingly endless architectural interior applications. Rich color-changing light offers tremendous design flexibility while white light can be achieved with the White chip, or mixing of Red, Green and Blue light. No longer just for the entertainment 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**

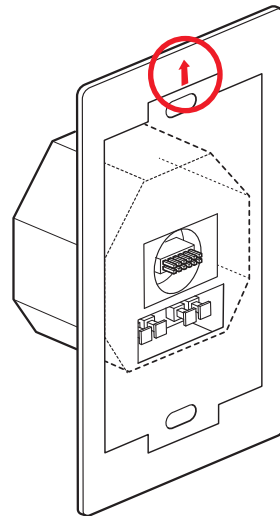
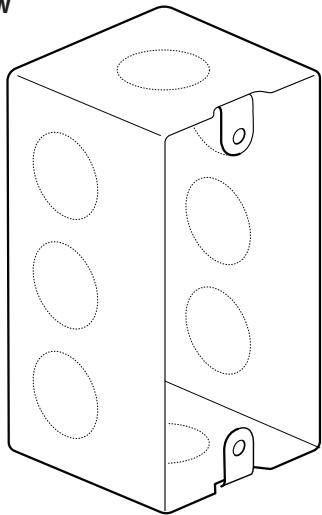
### PRUTune DALI device includes:

- 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)

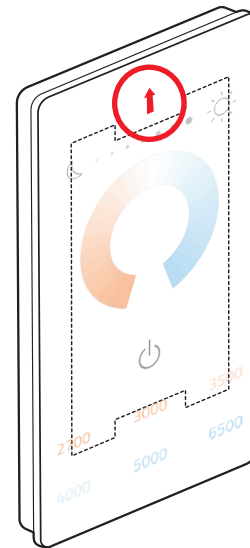
**PRUTune + EMHE:** — Prutune does not have memory

- 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'



# P9000 | Recessed



PRUDENTIAL LTG.

PRULITE.COM 213.746.0360

## 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



## 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	3488	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	4056	92	57	0.0001		
	LED65	6061	4052	82	-1	0.006		
<b>TH2</b>	LED22	2209	4012	92	52	0.0005		
	LED50	4796	4044	93	77	0.004		
<b>CH</b>	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		