

DIRECT:		LO	MO	SO	HO
D1 — DOWN ONLY					
SAL	Lm/Ft	425	725	1050	1375
	W/Ft	3.5	6	8.7	11.2
D2 — INDIRECT					
SYM	Lm/Ft	475	875	1250	1625
HCW	Lm/Ft	350	675	950	1175
MCW	Lm/Ft	425	750	1075	1400
SCW	Lm/Ft	475	875	1250	1625
SACW	Lm/Ft	450	775	1125	1500
	W/Ft	3.6	6.2	9	11.7
D3 — DIRECT / INDIRECT					
	Lm/Ft	900	1600	2300	3000
	W/Ft	7	12.3	17.6	22.9
D9 — 17% UPLIGHT, 83% DOWN					
	Lm/Ft	425	750	1075	1400
	W/Ft	3.4	6	8.6	11.2



TUNABLE WHITE

Tu Hue Amber Hue

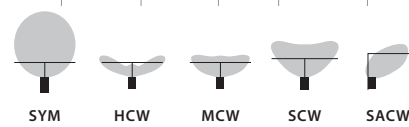
Blu Hue Chroma Hue



WA: .05 LLF when using SAL IES

Lumen output may vary +/- 5%
 4000K used for lm/ft estimates above
 3500K -2% If, 3000K -4%, 2700K -6%
 -10% LLF for 90 CRI (4K, 3500K and 3K)

SERIES	LED COLOR	OUTPUT	NOMINAL LENGTH	COLOR/ FINISH	DISTRI- BUTIONS	SHIELDING	CIRCU- ITING	VOLT- AGE	MOUNT- ING	CEILING SYSTEMS	DRIVERS	OPTIONS & CONTROLS
WV2Pro		—				—						
Wave2Pro	LED27 2700K (90CRI) LED3 3000K LED35 3500K LED4 4000K LED3-90 90CRI LED35-90 90CRI LED4-90 90CRI LED5-90 5000K (90CRI) PRUHUES: bios STATIC: BLU3S BLU35S BLU4S DYNAMIC: BLU3D* BLU35D* BLU4D* <small>* Dynamic BIOS, Sky/Blue spike can be dimmed, CCT warms slightly</small> 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) CHOOSE DOWN & UP CCT IF DIFFERENT	LO Low MO Medium SO Standard HO High PROG Programmable Light Output (Specify desired lm/ft or w/ft) NOTE: Specify separate output Down/ Up if desired eg. HO/LO (D3 only).	3' 4' 6' 8' R (Row length in 1' increments only) NOTES: Individual fixtures are not intended for row mounting.	TMW Textured Matte White (Standard) YSW Seashell White Matte (Premium color) Y Premium Color CC Custom Color LUXE METALLICS: YBZ Bronze YCP Copper Penny YGN Gold Nugget NOTE: All canopies are painted the same color as the fixture. Consult factory to specify.	D3 Direct/ Indirect D1 Direct Solid Top (Only 1 row of LEDs) D2 Indirect Solid Top D9 Semi-Direct (Only 1 row of LEDs, 83% Down, 17% Up)	DOWN: SAL Satin Acrylic Lens UP: WA White Acrylic (Standard) HCW Hard Ceiling Wash MCW Medium Ceiling Wash SCW Soft Ceiling Wash SACW Soft Asymmetric Ceiling Wash	SC Single Circuit DC Dual Circuit (Two feeds required, Control Down & Up light separately, D3 Only) SYM Symmetric (Frosted standard)	UNV (120-277) 347 (Emergency battery requires a Step Down transformer)	CA48", 96" or 144" Aircraft Cable (Adjustable)	X1 T-Bar 1 5/16" or 1/16" Exposed (Standard) Consult factory for 1/8" Tegular X3 Hard Ceiling X6 Slot Grid or Interlude	ND Non-Dimmin 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) nLight-Air Acuity nLight Drivers (ECDA driver ONLY) nLight-Wired Acuity nLight Drivers (ECO driver ONLY) 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 Dimming 2WIRE ELV/Forward/Reverse Phase Driver PRUHUES: E10V 2 Channel Color Control EDALI 2 Channel Color Control EDMX ChromaHue or StaticWhite	EMHE CA T20 Emergency Battery (1100 delivered lumens; CA Title 20 compliant) ADC Acrylic Dusk Cover (Clear) Standard for SYM (Frosted) FLT Flat End Cap PruTune Wall Device (EDALI driver only, one PruTune device for each zone) SENSORS: 205 WattStopper PIR Occupancy 205-ON/OFF 205-STEP: Dim to 50% 205-DM: Dim to 1% (NA with DALI) ATHENA Lutron RF (Dim-to-Off Standard) LVOC** Lutron Vive (Occ & RF) LVRF** Lutron Vive (RF Only) ** Requires Lutron driver NXSMP Hubbell (Occ) rES7 Daylight+(PIR Acoustic) (Occ) (nLight-Air) Part Number: rES7-PDT-180D-G2 nES7 Daylight+(PIR Acoustic) (Occ) (nLight-Wired) Part Number: nES-PDT7-ADCX



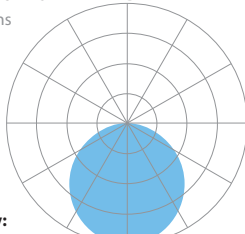


D1 — DOWNLIGHT ONLY

STANDARD OUTPUT:

WV2PRO-LED35-80-SO-4-SAL-TMW-D1

4214 Delivered Lumens
34 Watts
123 lm/w
3500 CCT



Zonal Lumen Summary:

0-90 (Down) = 100%

1642

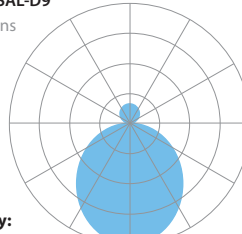
Vertical Angle	0°	45°	90°	135°	180°
0°	1642	1642	1642	1642	1642
5°	1631	1632	1634	1632	1632
15°	1552	1555	1558	1555	1553
25°	1404	1409	1411	1409	1404
35°	1201	1206	1207	1206	1202
45°	969	971	965	971	969
55°	748	751	738	749	750
65°	480	482	471	483	483
75°	249	259	256	256	248
85°	55	75	81	73	53
90°	0	0	0	0	0

D9 (ONE ROW OF LEDS)

HIGH UP/LOW DOWN:

WV2PRO-LED35-SO-4-SAL-D9

4265 Delivered Lumens
34.6 Watts
123 lm/w
3500 CCT



Zonal Lumen Summary:

0-90 (Down) = 84%

90-180 (Up) = 16%

1431

Vertical Angle	0°	45°	90°	135°	180°
0°	1431	1431	1431	1431	1431
5°	1420	1421	1421	1421	1420
15°	1346	1341	1337	1344	1348
25°	1209	1197	1182	1198	1210
35°	1024	1004	977	1006	1026
45°	817	790	757	792	819
55°	602	577	545	580	604
65°	395	377	360	382	397
75°	202	204	201	205	202
85°	42	69	83	70	42
90°	.77	.77	.77	.77	.77
95°	14	3	3	3	15
105°	59	62	34	62	60
115°	101	122	117	122	102
125°	139	159	158	159	139
135°	172	191	190	193	172
145°	199	208	217	209	199
155°	219	224	227	224	220
165°	234	236	237	236	234
175°	240	240	240	240	241
180°	242	242	242	242	242

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 linear foot. Min: 2½ w/ft, consult factory for requests above 12 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 1¼" w x 1" h.

CONSTRUCTION

Power cord is White except for fixtures painted Black. (YBB, YBK) have Black power cords.

Housing

20 gauge steel, >20% PC recycled, 100% recyclable, PAF, Painted After Fabrication.

Lens

Acrylic, 100% recyclable.

Weight

6 lbs/ft.

MOUNTING

Suspended by adjustable cable.

WARRANTY

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

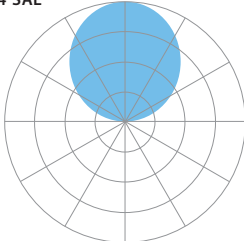


SYMMETRIC

STANDARD OUTPUT:

WV2PRO-LED35-80-SO-4-SAL-TMW-D1

4214 Delivered Lumens
34 Watts
123 lm/w
3500 CCT



Zonal Lumen Summary:
90-180 = 100%

1642

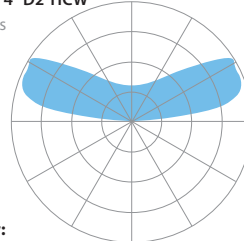
Vertical Angle	0°	45°	90°	135°	180°
90°	0	0	0	0	0
95°	55	75	81	73	53
105°	249	259	256	256	248
115°	480	482	471	483	483
125°	748	751	738	749	750
135°	969	971	965	971	969
145°	1201	1206	1207	1206	1202
155°	1404	1409	1411	1409	1404
165°	1552	1555	1558	1555	1553
175°	1631	1632	1634	1632	1632
180°	1642	1642	1642	1642	1642

HARD CEILING WASH

STANDARD OUTPUT:

WV2PRO-LED35-80-SO-4-D2-HCW

4766 Delivered Lumens
47 Watts
101 lm/w
3500 CCT



Zonal Lumen Summary:
90-180 = 100%

1776

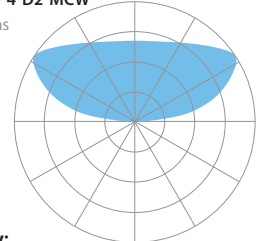
Vertical Angle	0°	45°	90°	135°	180°
90°	0	0	0	0	0
95°	37	433	370	432	37
105°	147	918	1685	922	150
115°	267	1158	1776	1159	271
125°	365	920	1665	925	371
135°	440	744	1132	748	445
145°	490	636	816	639	494
155°	523	584	653	586	526
165°	543	562	581	563	545
175°	552	554	557	555	553
180°	554	554	554	554	554

MEDIUM CEILING WASH

STANDARD OUTPUT:

WV2PRO-LED35-80-SO-4-D2-MCW

4326 Delivered Lumens
36 Watts
120 lm/w
3500 CCT



Zonal Lumen Summary:
90-180 = 100%

1138

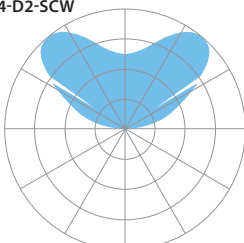
Vertical Angle	0°	45°	90°	135°	180°
90°	5	6	3	3	5
95°	34	268	243	266	35
105°	161	540	864	545	163
115°	311	758	1182	768	317
125°	466	805	1368	808	470
135°	613	844	1243	847	619
145°	739	889	1110	892	746
155°	840	920	1019	921	844
165°	907	936	968	937	909
175°	940	944	948	944	941
180°	945	945	945	945	945

SOFT CEILING WASH

STANDARD OUTPUT:

WV2PRO-LED35-80-SO-4-D2-SCW

4999 Delivered Lumens
36 Watts
139 lm/w
3500 CCT



Zonal Lumen Summary:
90-180 = 100%

1719

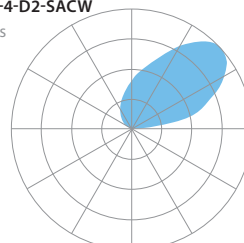
Vertical Angle	0°	45°	90°	135°	180°
90°	0	0	0	0	0
95°	41	178	100	175	40
105°	196	513	456	515	198
115°	371	916	829	920	375
125°	543	1232	1352	1236	547
135°	700	1362	1719	1366	704
145°	839	1325	1716	1328	845
155°	955	1231	1489	1234	958
165°	1040	1147	1249	1148	1043
175°	1085	1097	1111	1098	1086
180°	1091	1091	1091	1091	1091

D2 — SOFT ASYMMETRIC CEILING WASH

STANDARD OUTPUT:

WV2PRO-LED35-80-SO-4-D2-SACW

4546 Delivered Lumens
36 Watts
126 lm/w
3500 CCT



Zonal Lumen Summary:
90-180 = 100%

2399

Vertical Angle	0°	45°	90°	135°	180°
90°	13	41	6	2	2
95°	517	515	36	15	13
105°	1449	1158	166	73	67
115°	1921	1657	317	148	122
125°	2345	1761	464	229	180
135°	2399	1681	601	337	255
145°	2114	1492	723	464	369
155°	1661	1308	824	590	521
165°	1304	1165	895	714	666
175°	1055	1014	933	851	845
180°	929	929	929	929	929



FINISH COLORS

STANDARD:

TMW — Textured Matte White	YGW — Gloss White
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PREMIUM:

YSW — Seashell White (Matte)	YRG — Rain Grey (Gloss)
YPE — Pewter (Matte)	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:

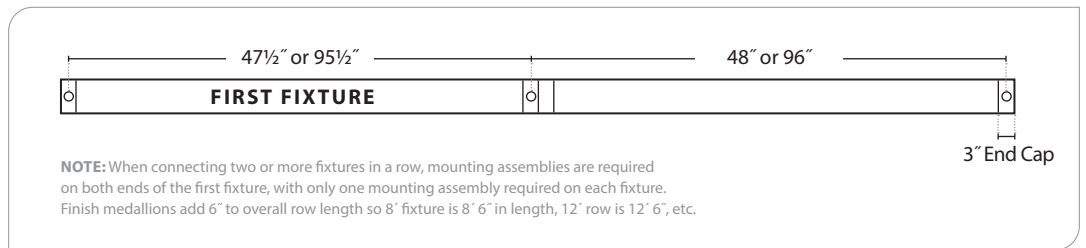
YCP — Copper Penny (Metallic)	YGN — Gold Nugget (Metallic)
YBZ — Bronze (Metallic)	

Choose from one of our Premium Colors with no set-up fee.

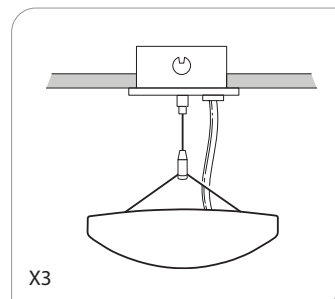
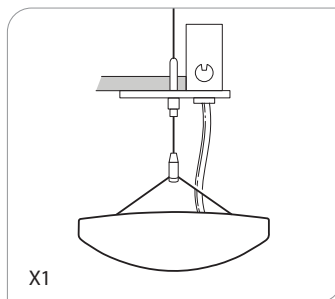
For paint chip samples, please email: info@prulite.com



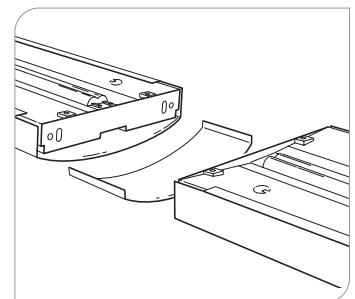
CONTINUOUS ROW MOUNTING LOCATIONS



CEILING SYSTEMS



ADJOINING DETAIL





Lumen Outputs:

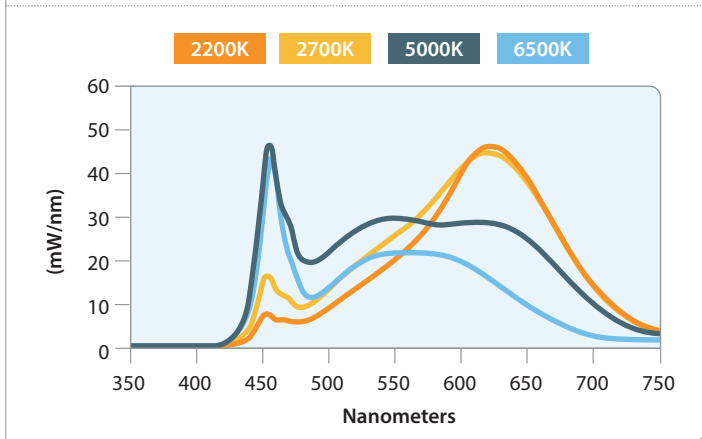
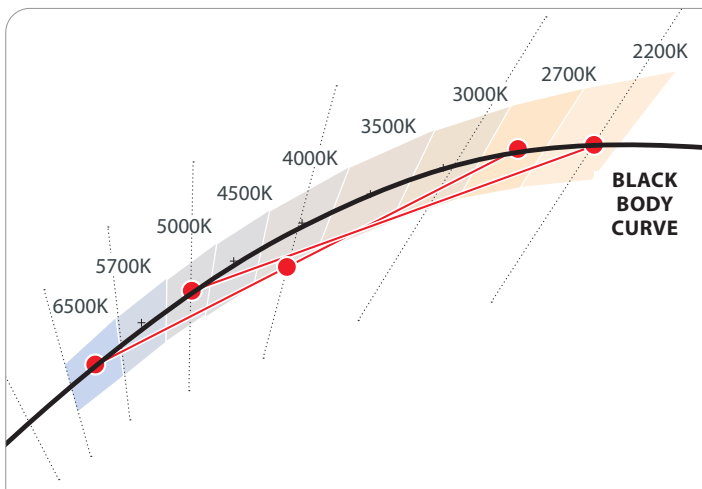
		BluHue, TuHue, TuHue2, AmberHue			
DIRECT:		LO	MO	SO	HO*
	SAL Lm/Ft	205	385	550	715
	W/Ft	3.8	5.6	7.8	10.5
INDIRECT:		LO	MO	SO	HO*
	SYM Lm/Ft	360	480	630	800
	HCW Lm/Ft	150	300	450	575
	SCW Lm/Ft	350	525	700	870
	SACW Lm/Ft	300	450	600	720
	W/Ft	3.8	5.6	7.8	10.5

** TU2 + AMB Not Available HO / CHROMAHUE ONLY AVAILABLE ON HO



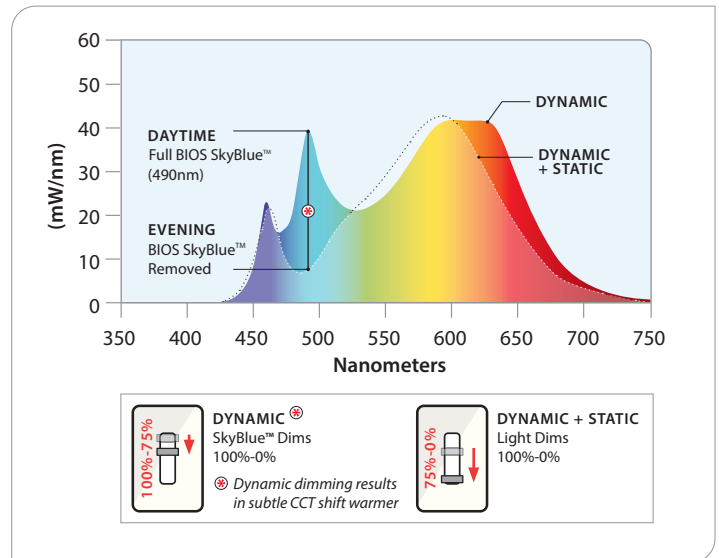
Prudential Lighting's **TuHue** Tunable White provides warm to cool white light simulating sunlight. Controlling the light source color temperature offers differing design aesthetics with potential benefits via circadian rhythm support. Blue light for alertness while warm light conveys tranquility.

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



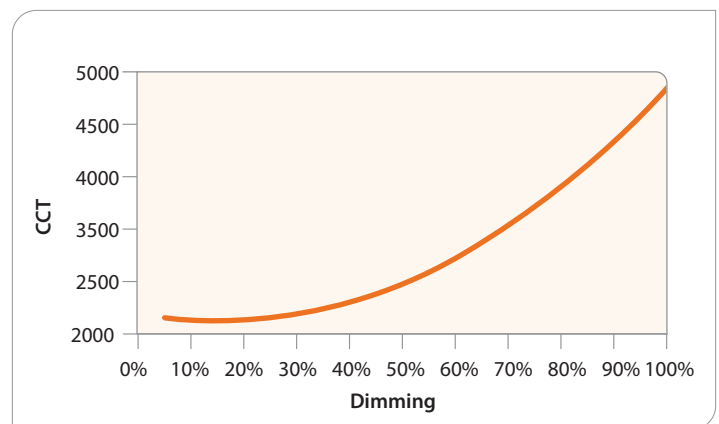
BluHue BIOS SkyBlue™ circadian LED lighting brings the benefits of blue skies inside. Newly discovered blue-sky receptors in our eyes drive improved daytime alertness, mood, brain function, and strengthens circadian rhythms leading to overall better health and well-being.

- 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.

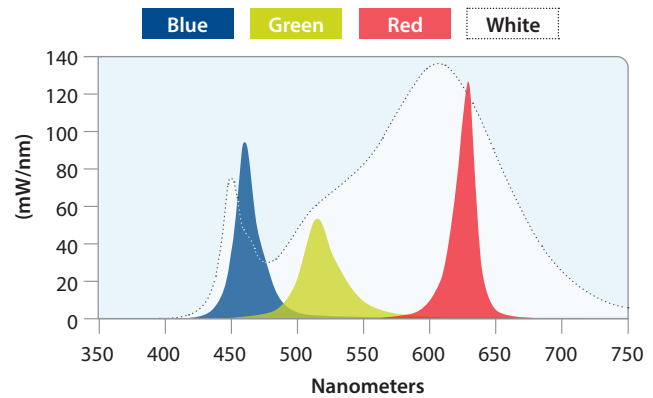
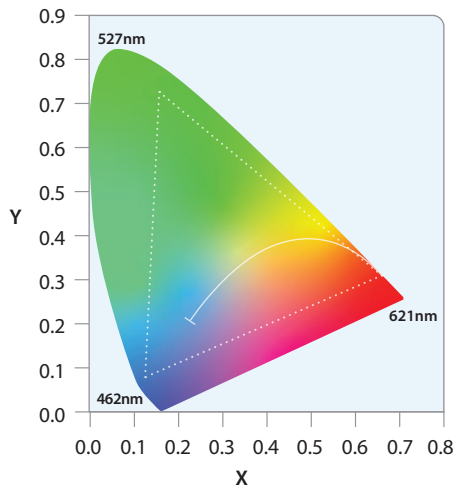
- Warm Dim 2200K-5000K.
- Color temperature warms as the luminaire is dimmed.
- Calm, relaxing mood communicated – hospitality, residential feel.



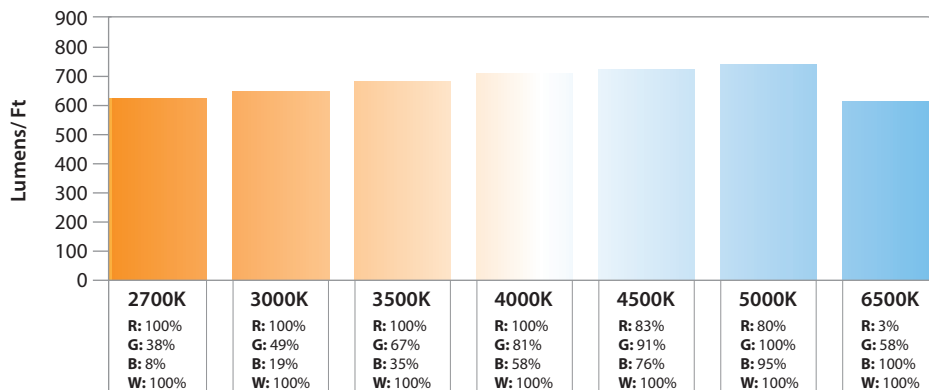


ChromaHue offers a vibrant full gamut of colors for seemingly endless architectural interior applications. Rich color-changing light offers tremendous design flexibility while white light can be achieved with the White chip, or mixing of Red, Green and Blue light. No longer just for the entertainment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

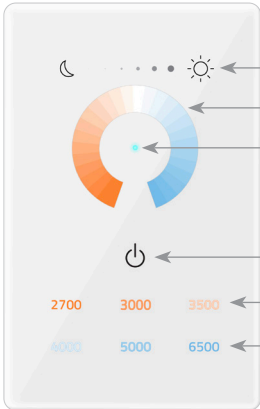


CONSTRUCTED WHITES





PRUTUNE WALL DEVICE



BRIGHTNESS: 0.1%-100%

COLOR WHEEL

POWER INDICATOR
RED : OFF
BLUE : ON

ON / OFF

PRESET COLOR TEMPERATURES

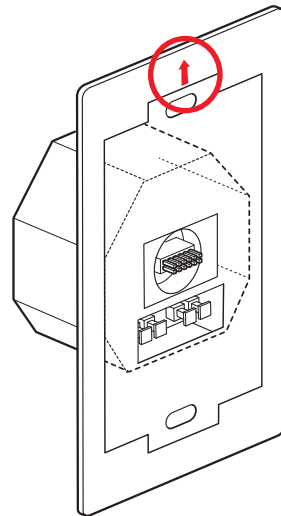
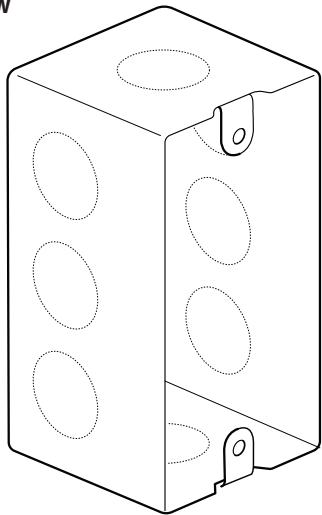
PRUTune DALI device includes:

- 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)

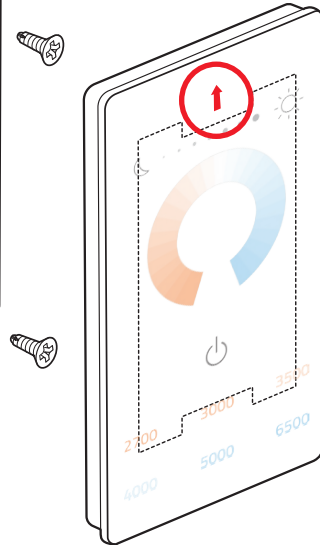
PRUTune + EMHE: — Prutune does not have memory.

- 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	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

				
<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>