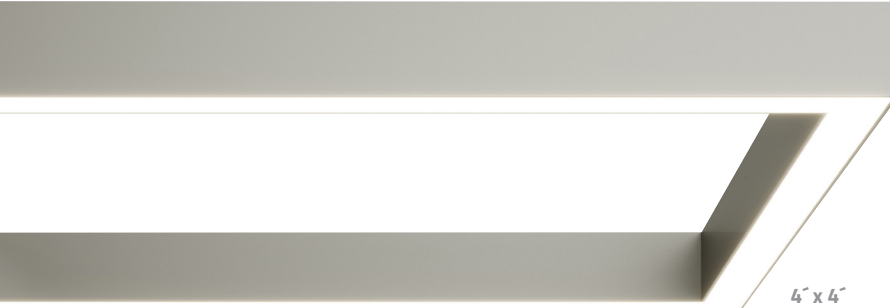


# BionicPro3 Square | Pendant, Surface & Wall

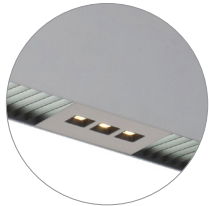


PRUDENTIAL LTG.

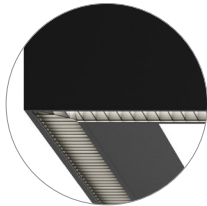
PRULITE.COM 213.746.0360



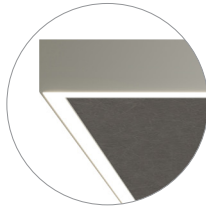
4" x 4"



DOWNLIGHTS



LOUVERS



ACOUSTICS

### LUMEN CHART: SAL

		LO	MO	SO	HO
<b>22:</b>	lm	3400	5100	7000	8800
	w	31	45	63	84
<b>33:</b>	lm	5200	7600	10600	13100
	w	46	67	94	126
<b>44:</b>	lm	6900	10200	14100	17600
	w	61	90	125	168
<b>55:</b>	lm	8600	12700	17600	22000
	w	76	112	156	210

Declare.



Made in the USA

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

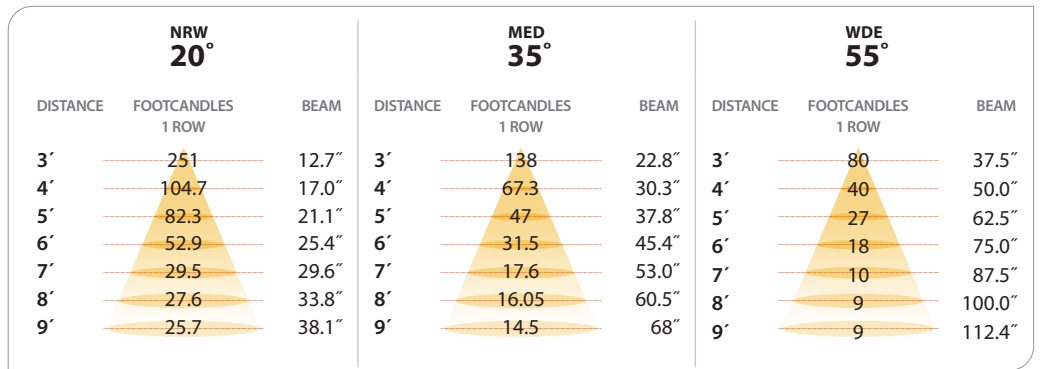
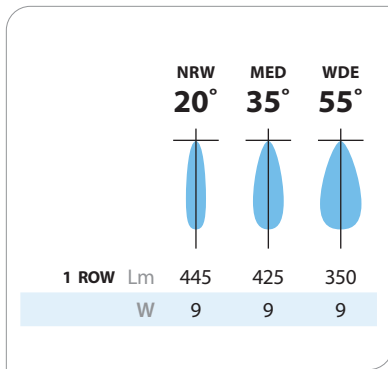
SERIES	SIZE	LENS POSITION	LED COLOR	OUT-PUT	DISTRIBUTION	ACOUSTIC COLORS (OPTIONAL)	COLOR/ FINISH	LOUVER COLOR	CIRCUITING	VOLT-AGE	MOUNT-ING	CEILING SYSTEMS	DRIVERS	OPTIONS & SENSORS
<b>BPRO3 SQ-LIN</b>														
BionicPro3 Square	22 2' x 2'	FLSH Flush Lens	LED27 2700K (90CRI) LED35 3000K LED35 3500K LED4 4000K LED3-90 3000K (90CRI) LED35-90 3500K (90CRI) LED4-90 4000K (90CRI) LED5-90 5000K (90CRI)	LO Low MO Medium SO Standard HO High PROG Programmable Light Output (Specify desired lm/ft or w/ft)	<b>Choose Down-AND-Up</b> <b>DOWN:</b> NW No Direct <b>UP:</b> NU No Indirect SYM Sym-metric (Frosted ADC, Standard) BTW Batwing WWF Flat Wall Wash WWG Focal Glow Wash PFL Perimeter Wash MGZ Medium Wall Graze LGP Low Glare Prismatic (NA HO)	<b>STANDARD:</b> DB05 White DB03 Marble DB33 Grey  <b>PREMIUM:</b> (LONGER LEAD TIMES) DB02 Oat DB27 Teal DB24 Stone DB26 Sky Blue DB09 Yellow DB16 Orange DB10 Red DB28 Hickory DB12 Pink DB01 Sand Dollar DB06 Periwinkle DB36 Black DB20 Lime DB23 Honey Dew DB18 Maroon DB14 Violet DB29 Brown	TMW Textured Matte White YGW Gloss White (Standard) Y__ Premium Color CC Custom Color LUXE METAL-LICS: YBZ Bronze YCP Copper Penny YGN Gold Nugget	SKIP COLUMN IF LOUVER IS NOT NEEDED TMW Textured Matte White Y__ Premium Color CC Custom Color LUXE METAL-LICS: YBZ Bronze YCP Copper Penny YGN Gold Nugget	SC Single Circuit DC Dual Circuit	UNV (120-277) 347 (Emergency battery re-quires remote driver box)	SUR Surface Mount (Only available with NU Up option) SPM48", 96" or 144" Square Cast Aluminum Canopy CA48", 96" or 144" Aircraft Cable (Adjustable)	X1-ON T-Bar X1-OFF T-Bar X3 Hard Ceiling	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 (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 <b>PRUHUES:</b> E10V 2 Channel Color Control EDALI 2 Channel Color Control EDMX ChromaHue or Static White	EMHE CA T20 Emergency Battery (1350 Delivered lumens, CA Title 20 compliant) ETS-DR Iota ETS-DR Emergency Transfer Switch PruTune Wall Device (EDALI driver only, one PruTune device for each zone) <b>SENSORS:</b> (NA w/EDMX) 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-ADCC <b>DOWN-LIGHTS:</b> DWNLT1 1 Downlight Per Side (4 Total)

Prudential Ltg. reserves the right to change design specifications or materials without notice. Please visit prulite.com for most current data.  
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## Downlights

SERIES	QUANTITY	LOCATION	CCT	DISTRIBUTION	COLOR	VOLTAGE	DRIVERS
DWNLT1	<b>SPECIFY DOWNLIGHT QUANTITY PER FIXTURE/ROW</b> 1 Downlight Per Side (4 Total) Maximum Two (2) for 2x2 Downlights Four Downlights all other sizes	MID One Downlight in Middle of each Side (Standard) MOD Downlight Location(s) per Spec 	LED3-90 3000K-90CRI (Standard) LED35-90 3500K-90CRI LED4-90 4000K-90CRI NOTES: - NA 2700K, 5000K - Only 1 Output Offered	NRW Narrow 20° Beam MED Medium 35° Beam WDE Wide 55° Beam	TMW Textured Matte White (Standard) YGW Gloss White Y_ Premium Color CC Custom Color <b>LUXE METALLICS:</b> YBZ Bronze YCP Copper Penny YGN Gold Nugget	UNV (120-277) 347	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) SOLO 0.1% 0-10v, EldoLED (Dim-to-dark, Logarithmic dimming std) SODA 0.1% DALI, EldoLED (Dim-to-dark, Logarithmic dimming std)



### PHOTOMETRICS

#### LOW OUTPUT:

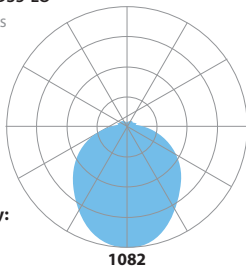
BPRO3SQ-LIN-(3x3)-LED35-LO

1752 Delivered Lumens

15 Watts

114 lm/w

3500 CCT



#### Zonal Lumen Summary:

0-90 (Down) = 100%

90-180 (Up) = 0%

Vertical Angle	0°	45°	90°	135°	180°
0°	640	640	640	640	640
5°	637	635	640	634	637
15°	609	608	604	605	605
25°	554	555	564	552	550
35°	481	484	494	481	477
45°	398	400	411	398	392
55°	307	309	318	307	301
65°	212	213	222	212	207
75°	118	119	126	119	114
85°	30	31	36	31	28
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.

### 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.

### CONSTRUCTION

Housing

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

Lens

Polymer, 100% recyclable.

Weight

**22:** 24 lbs **33:** 36 lbs **44:** 48 lbs **55:** 60 lbs

### MOUNTING

Surface mounted to ceilings or suspended by cable.

### WARRANTY

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

# BionicPro3 Square | Pendant, Surface & Wall



PRUDENTIAL LTG.

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## FINISH COLORS

### STANDARD:

TMW — Textured Matte White	YGW — Gloss White
----------------------------	-------------------

### 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:

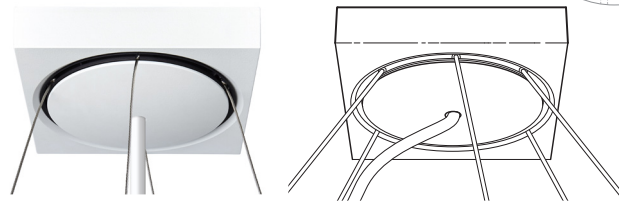
YCP — Copper Penny (Metallic)	YGN — Gold Nugget (Metallic)
YBZ — Bronze (Metallic)	

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

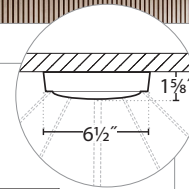
For paint chip samples, please email: [info@prulite.com](mailto:info@prulite.com)



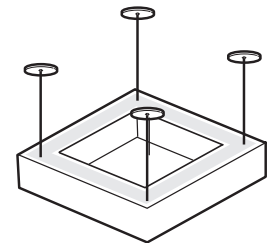
**SPM48", 96" or 144": Square Cast Aluminum Canopy**  
SPM: (4 Cables)



**NOTE:** Canopies cannot mount directly to t-bar grids

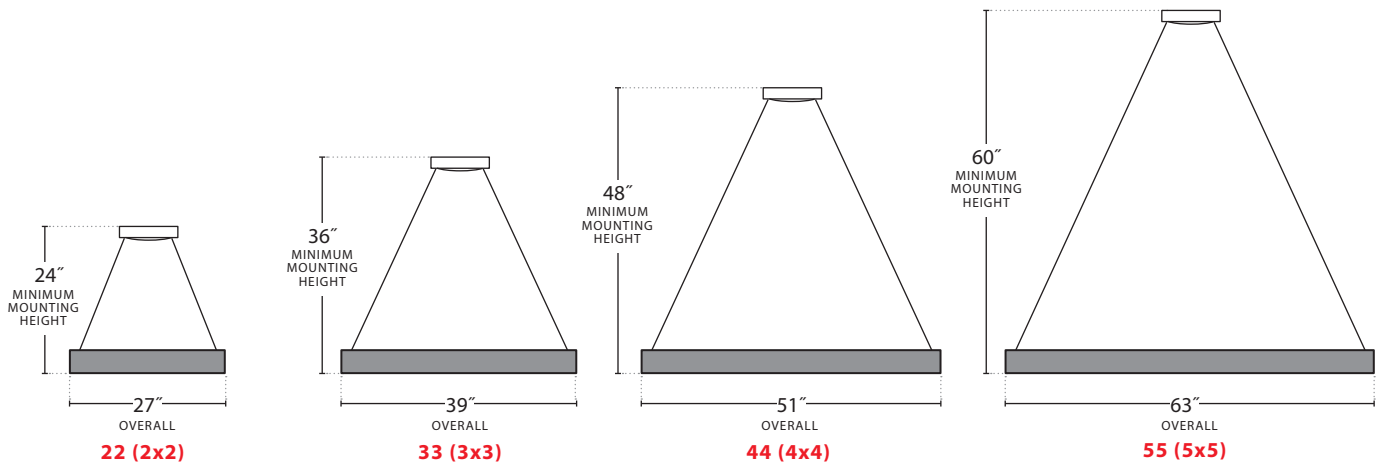


**CA Aircraft Cable**



**Canopies: 5.5" Wide**

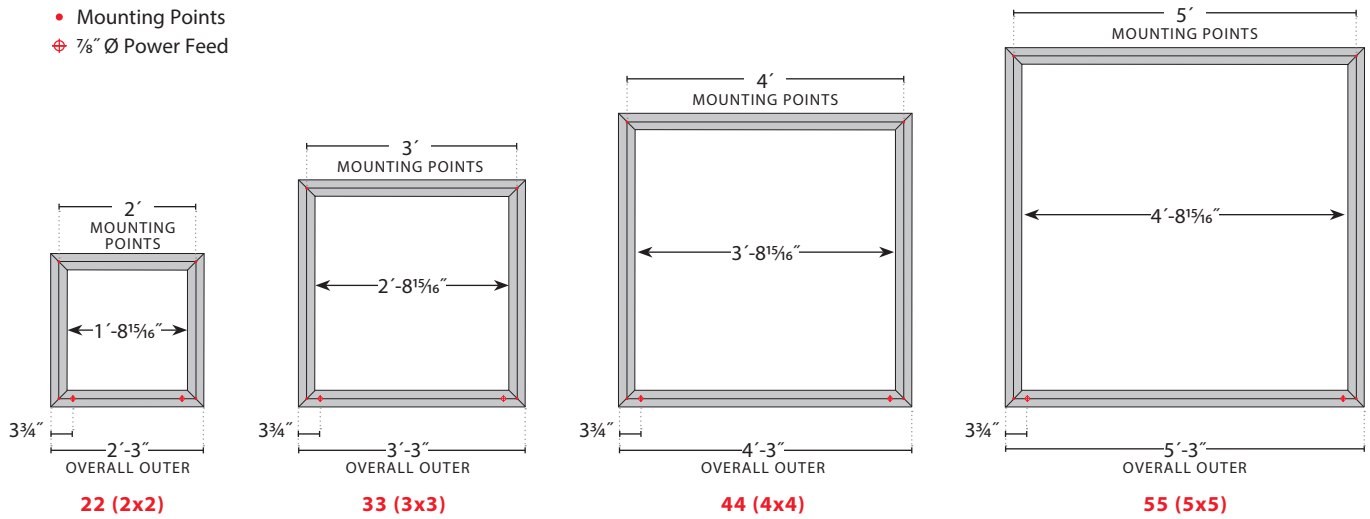
## SPM CANOPY DIMENSIONS





## MOUNTING LOCATIONS

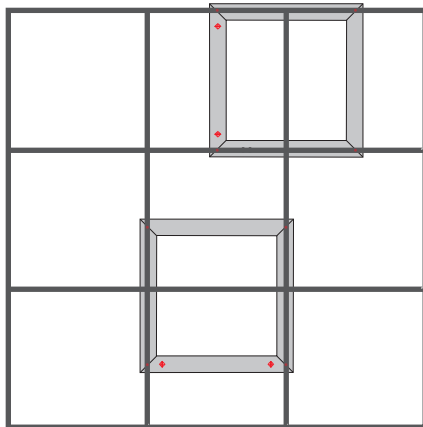
- Mounting Points
- ⊕ 7/8" Ø Power Feed



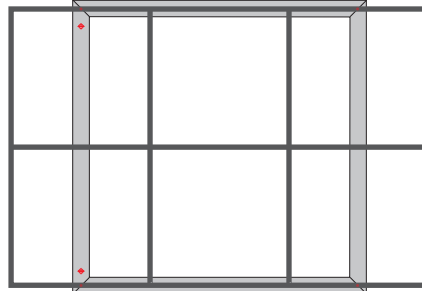
## GRID MOUNTING

### SUR-X1-ON GRID PARALLEL

2x2 (22)



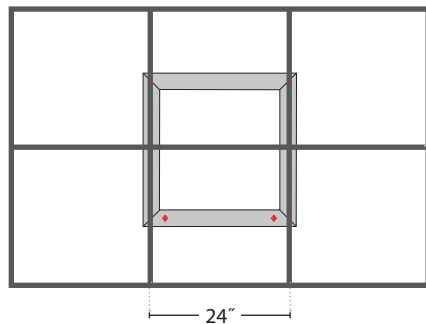
4x4 (44)



**NOTE:**

Only available with 22 (2x2) and 44 (4x4) for a standard 2x2 or 2x4 grid system.

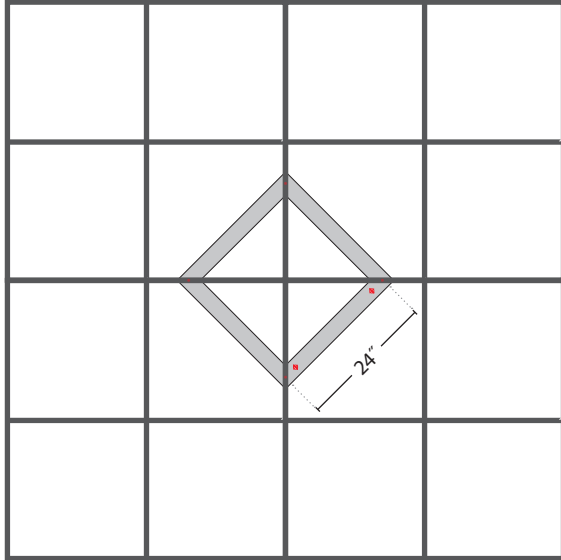
⊕ Power feeds CANNOT be on Grid, MUST be over the tile.



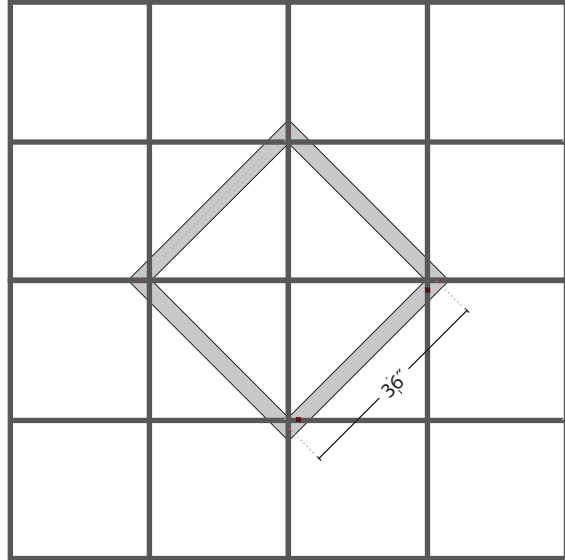


## SUR-X1-ON GRID DIAMOND

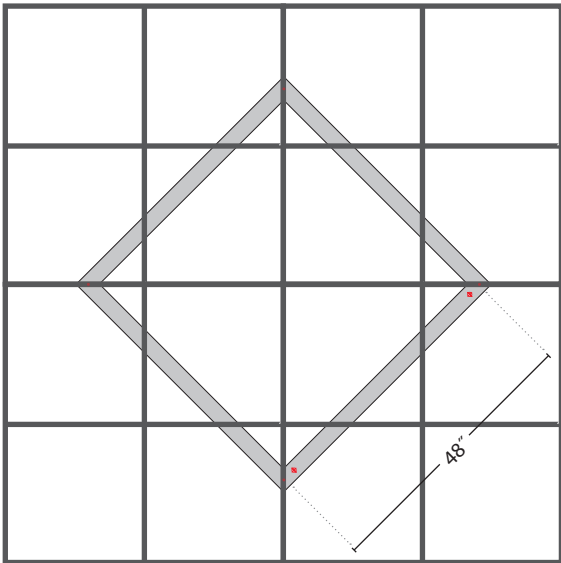
2x2 (22)



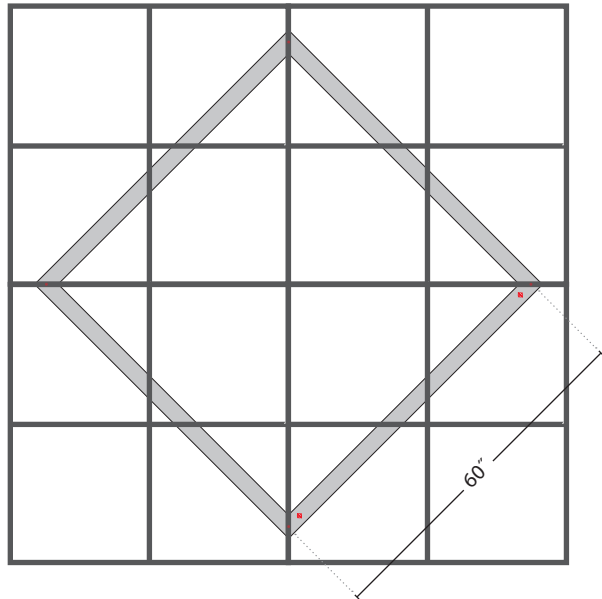
3x3 (33)



4x4 (44)



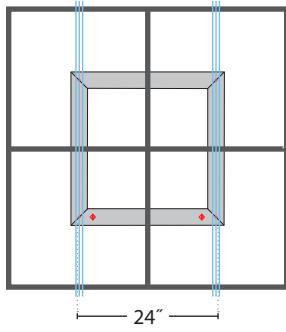
5x5 (55)



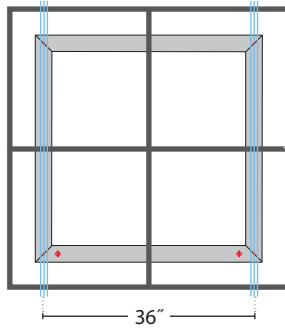



## X1-OFF GRID PARALLEL

2x2 (22)

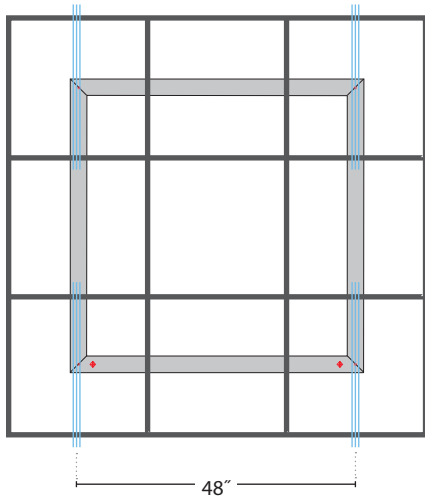


3x3 (33)

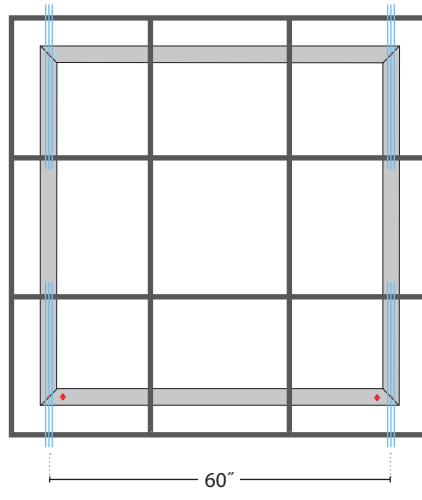


 T-bar Mounting Rail Assembly

4x4 (44)



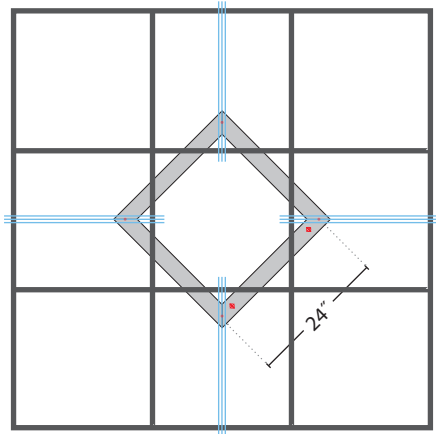
5x5 (55)





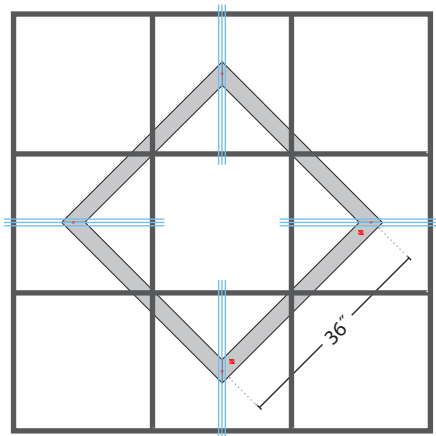
## X1-OFF GRID DIAMOND


2x2 (22)\*



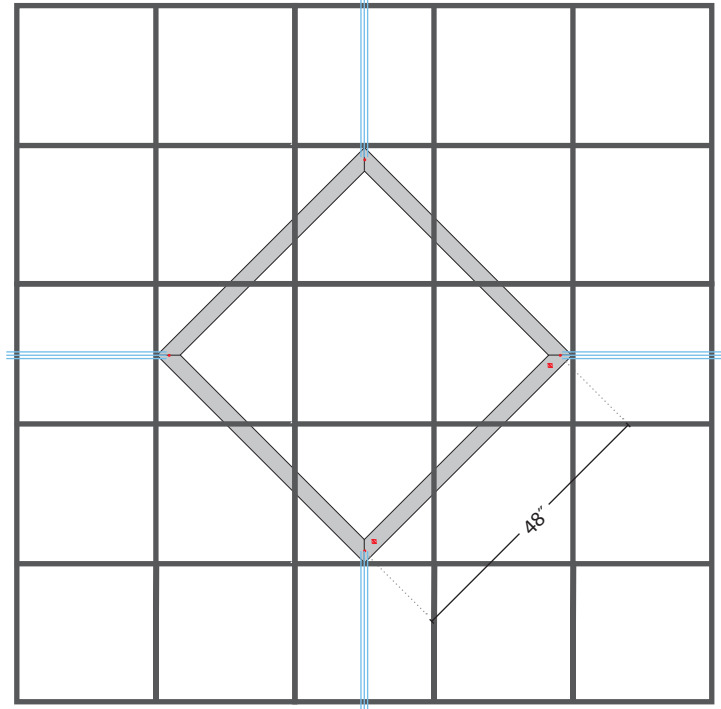
\*May need to move the fixture slightly to avoid power feeds interfering with the grid.

3x3 (33)

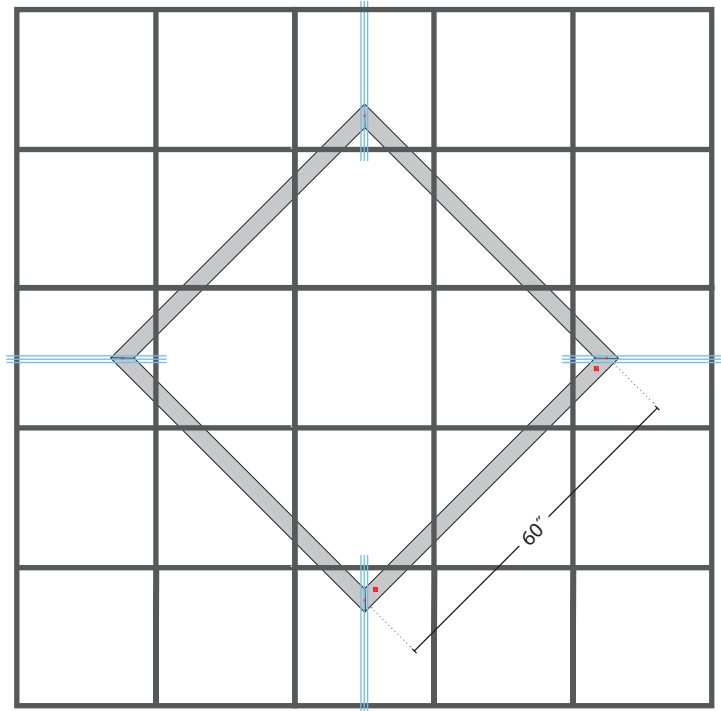


 T-bar Mounting Rail Assembly

4x4 (44)



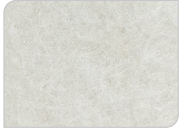
5x5 (55)



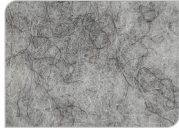


## ACOUSTIC COLORS

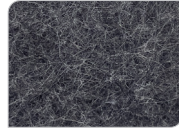
### STANDARD



DB05 White



DB03 Marble

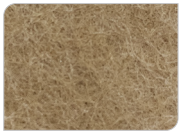


DB33 Grey

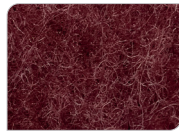
### PREMIUM (LONGER LEAD TIMES)



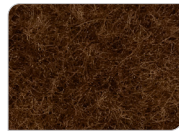
DB01 Sand Dollar



DB02 Oat



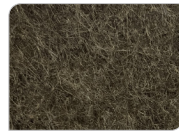
DB18 Maroon



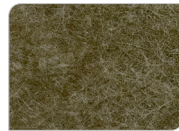
DB28 Hickory



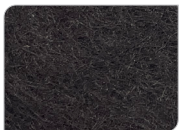
DB29 Brown



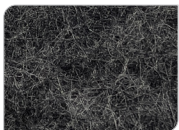
DB30 Earth Brown



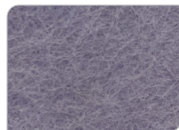
DB32 Stone



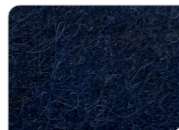
DB34 Charcoal



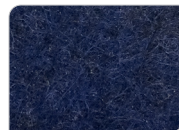
DB35 Pepper



DB06 Periwinkle



DB31 Blue Jean



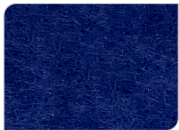
DB26 Midnight Blue



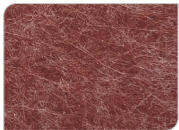
DB27 Teal



DB24 Sky Blue



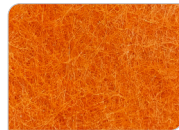
DB25 Navy



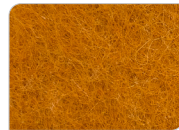
DB11 Berry



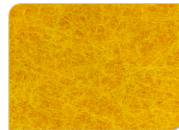
DB10 Red



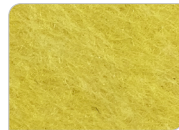
DB16 Orange



DB17 Pumpkin



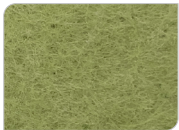
DB09 Yellow



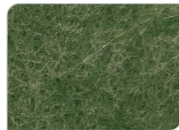
DB08 Lemon



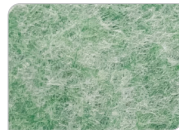
DB20 Lime



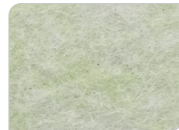
DB19 Pear



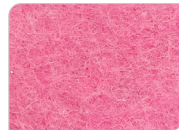
DB21 Green



DB22 Heather Green



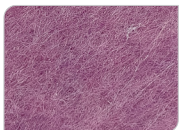
DB23 Honey Dew



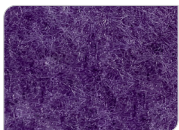
DB12 Pink



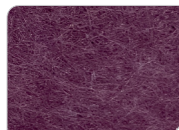
DB07 Salmon



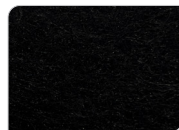
DB13 Lilac



DB14 Violet



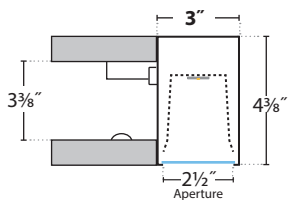
DB15 Purple



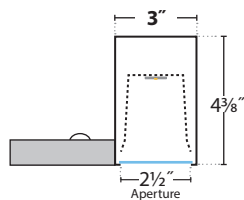
DB36 Black

Consult factory for Premium Color acoustic lead times.

### CROSS SECTION



Two layers of acoustic with 3/8" air gap for better sound absorption.



One layer acoustic for Surface Mounted.



## PRULITE ACOUSTIC CALCULATOR

How many Acoustic fixtures should you choose for your space? There are multiple factors when calculating acoustics, we have done our best to provide a simple guide for those who prefer not to calculate using Sabins per Object or NRC ratings.

**1)** Calculate the square feet of your space (L x W).

**2)** Choose the amount of acoustical improvement you want (sound absorption for reduced reverberation) and find the Acoustic VALUE based on room dimensions.

Estimated % of reduced reverberation time	SIZE	Room dimensions under 300 sq ft			Room dimensions over 300 sq ft		
		GOOD 👍	BETTER 👍👍	BEST 👍👍👍	GOOD 👍	BETTER 👍👍	BEST 👍👍👍
👍 <b>GOOD</b> 25%	<b>36"</b> Triangle Acoustic	20	15	10	30	20	15
👍👍 <b>BETTER</b> 37.5%	<b>24"</b> Square Acoustic	30	20	15	40	30	20
👍👍👍 <b>BEST</b> 50%	<b>36"</b> Square Acoustic	40	30	25	60	40	30

Calculations based on a 9' ceiling height.  
Prudential Lighting Acoustic Calculator is a guide.  
For precise acoustic performance, please consult an acoustician.

**3)** Use this Acoustic VALUE Formula to determine the number of luminaires recommended:

### Square feet / Acoustic VALUE = # of luminaires recommended

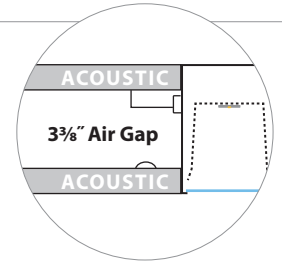
Example:

20' x 30' = **600** square feet

36" BoltPro Square Acoustics seeking Better (~37.5% reduced reverb), Acoustic VALUE = **40**

**600 / 40 = 15** BoltPro Square Acoustics recommended for the space

**NOTE:** We are testing BoltPro Acoustical fixtures. This data is from our Gaze Square Acoustical fixtures which should be comparable.



Two layers of acoustic with 3 3/8" air gap for better sound absorption.

## SOUND ABSORPTION

### Why acoustical fixtures?

Open office, open ceilings, hard floors have replaced sound absorbing cubicles, acoustic ceilings and carpet, thus acoustics have declined, enter Acoustics.

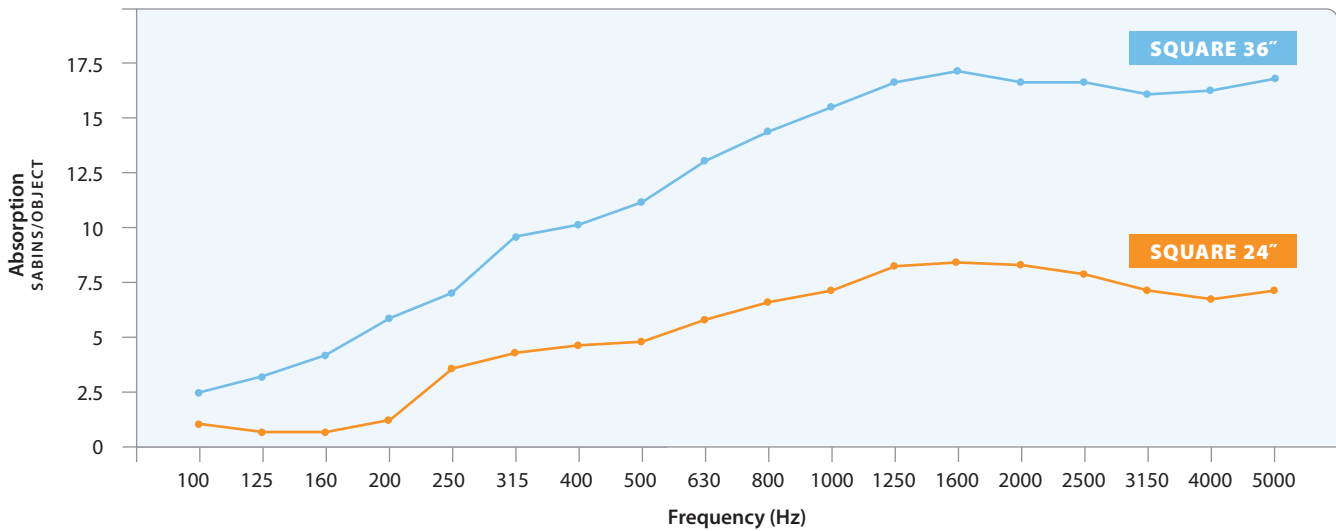
### The benefits of Acoustics?

- Reduced echoes, background noise
- Improved sound quality
- A more peaceful space
- Enhanced aesthetics

### How can I calculate Acoustic sound absorption?

Sabins per object is the standard measurement. One Sabins is approximately 1ft<sup>2</sup> of sound absorption. Sound absorption varies at different frequencies.

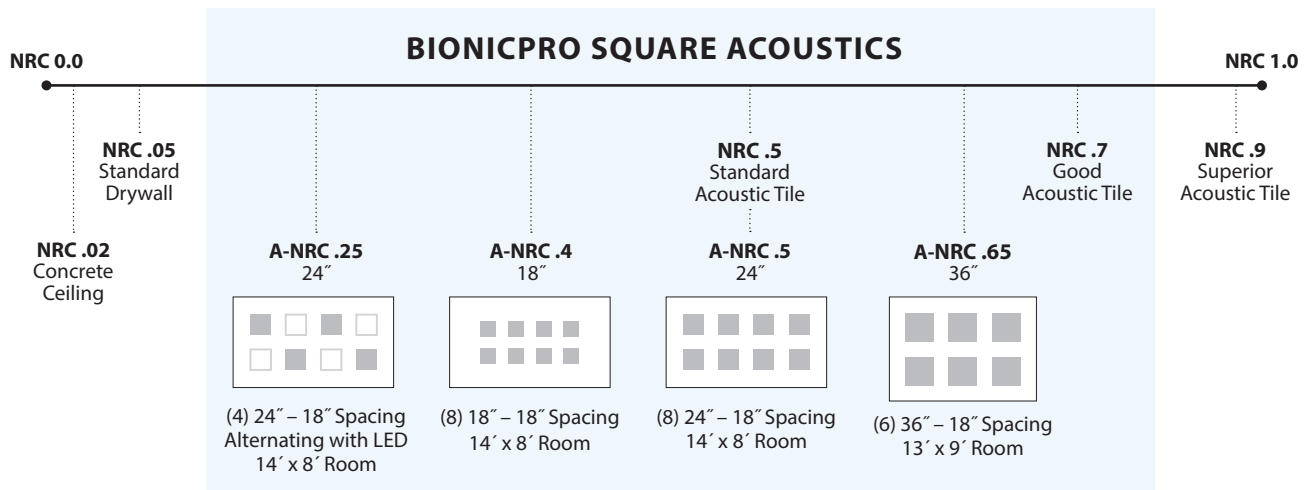
For precise acoustic performance of a space, please consult an acoustician.



### What is an NRC rating?

Noise Reduction Coefficient (NRC) is a rating for how much sound a surface absorbs according to the test method ASTM C423. Acoustic performance is measured using this rating. NRC is the average Sabins per square foot of surface covered. Apparent NRC (A-NRC) Ratings are calculated from the total Sabins measured for an object array over an area of projected continuous ceiling. This is equivalent to ceiling tile of the same NRC rating over the same installed area.

NRC ratings range from 0 to 1+



### Lumen Outputs:

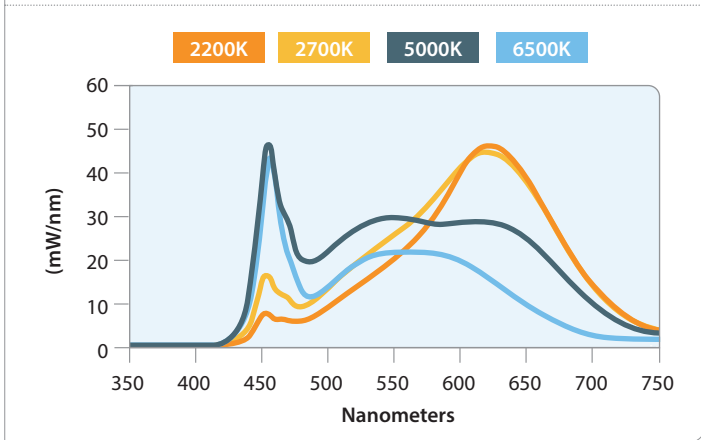
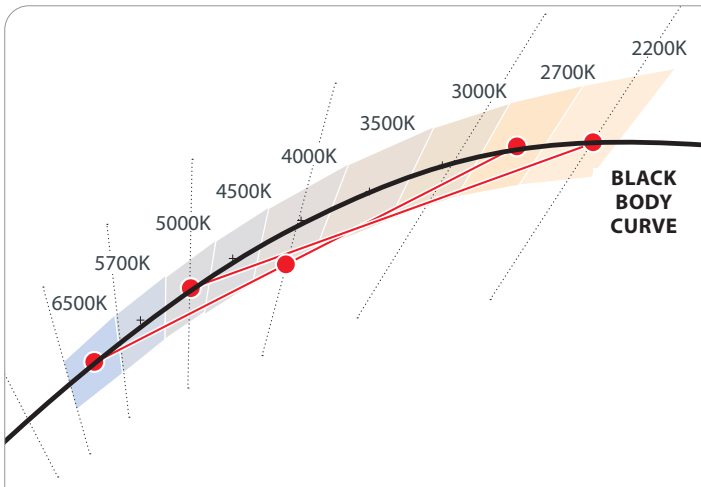
		BluHue, TuHue, TuHue2, AmberHue			
DIRECT:		LO	MO	SO	HO*
	SAL Lm/Ft	205	385	550	715
	W/Ft	3.8	5.6	7.8	10.5

\* 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.

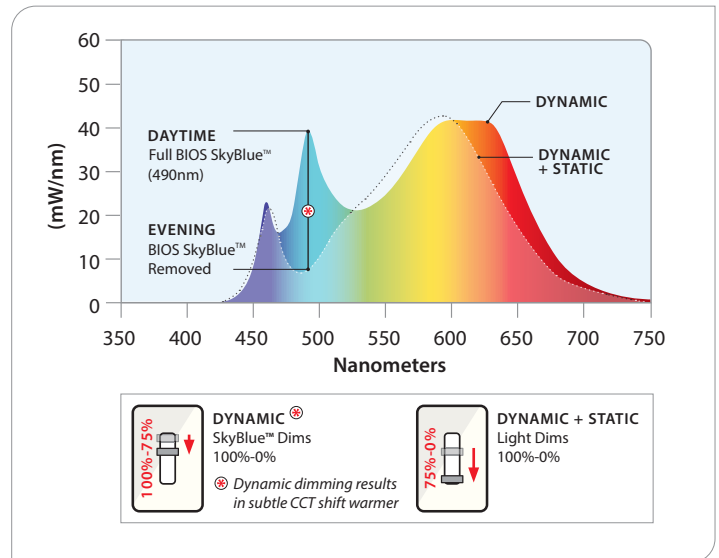
- 2700K-6500K or 2200K-5000K.
- Adjust the color temperate and brightness separately.
- Simulates warm to cool to warm transition of sunlight.



**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.

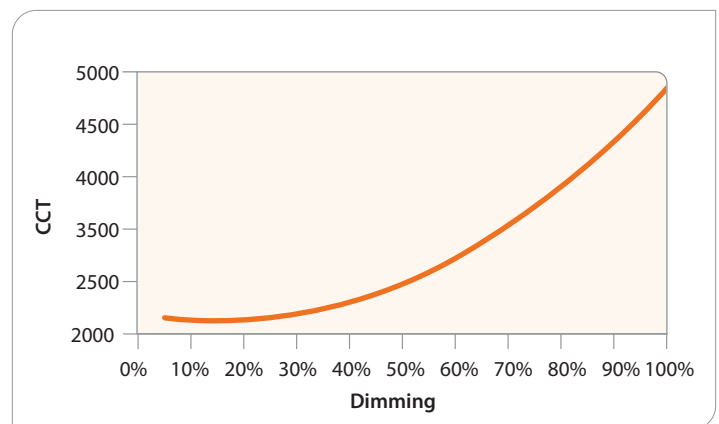


- Circadian rhythms play an integral role in physical and mental health.
- BluHue BIOS SkyBlue pinpoints peak 490nm sensitivity to provide the most benefit from an electric light source.
- At night, simply dim the lights to remove SkyBlue™ wavelengths (specify "Blu\_D" to dim Cyan SkyBlue spike separately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

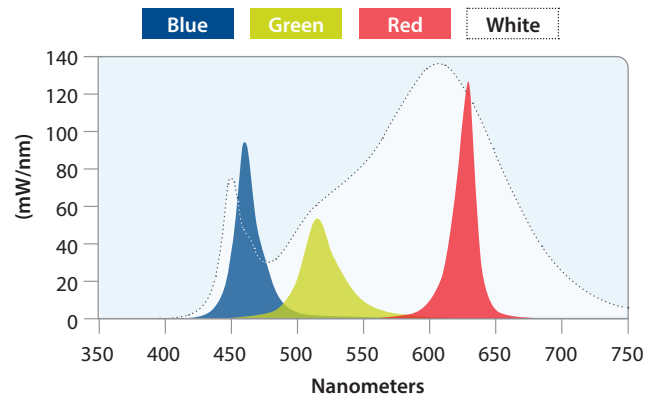
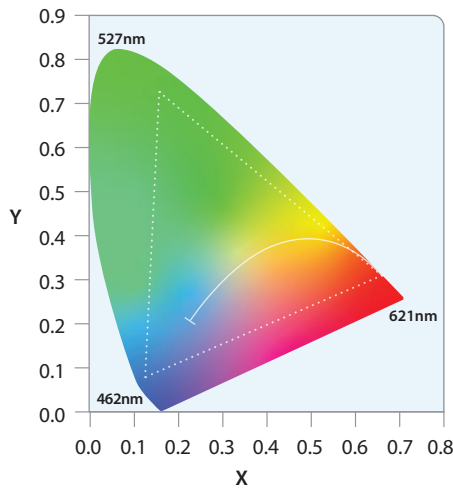
- Warm Dim 2200K-5000K.
- Color temperature warms as the luminaire is dimmed.
- Calm, relaxing mood communicated – hospitality, residential feel.



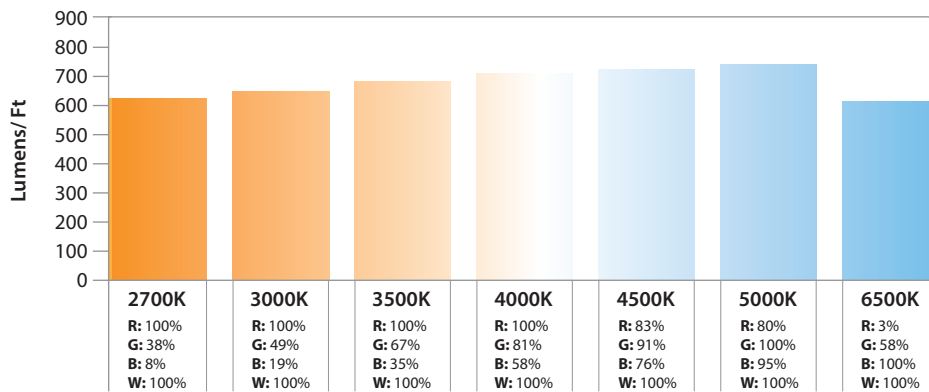


**ChromaHue** offers a vibrant full gamut of colors for seemingly endless architectural interior applications. Rich color-changing light offers tremendous design flexibility while white light can be achieved with the White chip, or mixing of Red, Green and Blue light. No longer just for the entertainment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

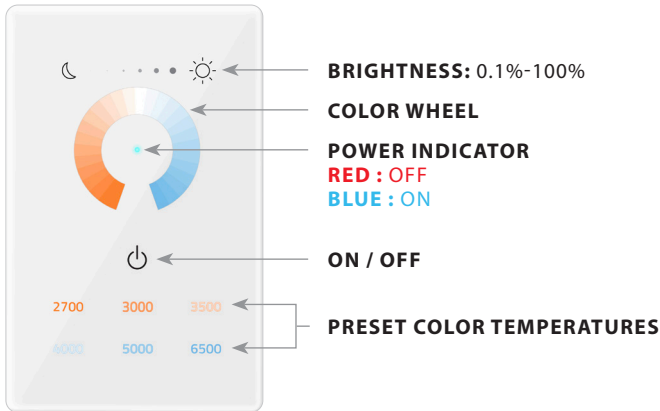


## CONSTRUCTED WHITES





## PRUTUNE WALL DEVICE



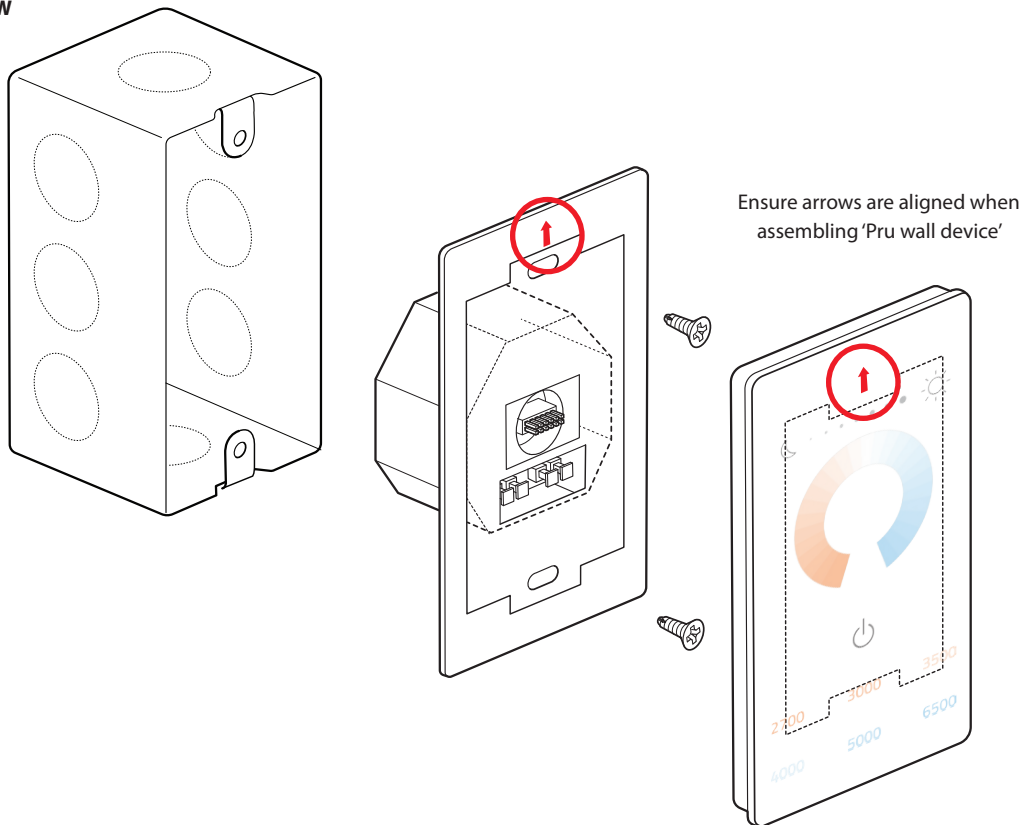
### PRUTune DALI device includes:

- 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



# BionicPro3 Square | Pendant, Surface & Wall



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	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		



## SENSORS

				
<p><b>205:</b> Wattstopper</p> <p>Low voltage PIR fixture integrated occupancy sensor.</p>	<p><b>LVOC:</b> Lutron Occupancy /Daylight 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><b>LVRF:</b> Lutron Vive Control Node</p> <p>Provides wireless control of the fixture when neither occupancy nor daylight sensing is needed.</p>	<p><b>NXSMP:</b> Hubbell Occupancy /Daylight Sensor</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><b>ATHENA</b></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><b>NLT-AIR-rIO:</b> Daylight+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><b>NLT-AIR-ADCX:</b> Daylight+(PIR Acoustic) Occ</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><b>NLT-WIRED-nIO:</b> Daylight+Occ</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><b>NLT-WIRED-ADCX:</b> Daylight+(PIR Acoustic) Occ</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>	