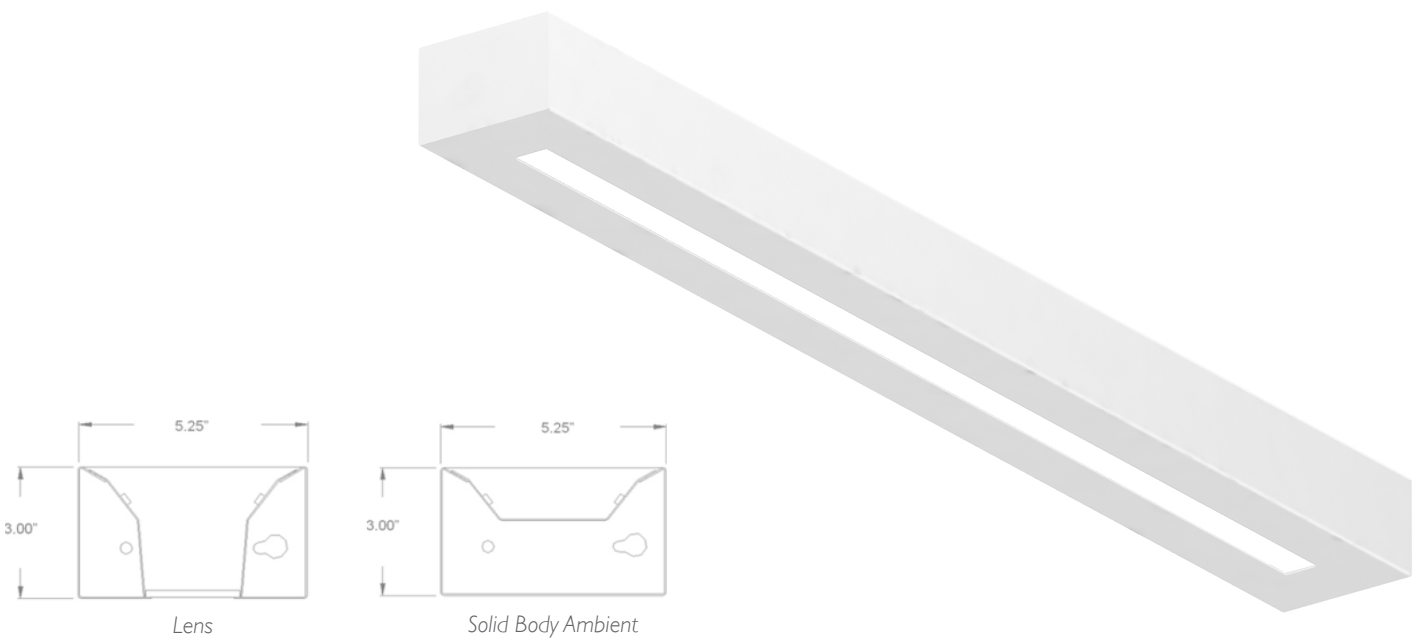


# 480 Lagoon

480LG-P | Circadian LED | Indirect/Direct | Pendant



## Features

- 480 features circadian lighting inspired by natural sunlight to promote focus and alertness throughout the day, enhance performance and support the natural sleep-wake cycle.
- Select either a dynamic or static light source based on your application. The dynamic light source (two channels) transitions from blue-enhanced light, GoodDay®, to promote alertness and productivity during the day and blue-depleted, GoodNight®, in the evening to reduce circadian clock disruption. The dynamic source is ideal for spaces occupied 24/7, such as senior living communities, hospitals or offices with shift work. The static, GoodDay, light source option is suited for applications that are more daytime intensive, such as schools and 9–5 office spaces.
- 5000K GoodDay LEDs deliver the highest M/P ratio for maximum alerting effects, but additional CCTs are available, including 4000K, 3500K and 3000K. Even at the warmer CCTs, Healthē delivers more circadian impact than standard LEDs at the same CCT.
- Intensity and spectrum (for dynamic) are controlled via 0-10V inputs for simple integration with a building's control system.
- Indirect LED source features a wide batwing distribution to uniformly illuminate the ceiling and create volume in a space.
- Direct source shielding options include a diffuse lens or a solid body housing for indirect only illumination.
- 4 ft and 8 ft individual units may be joined end to end to form linear runs reducing installing costs by requiring only a single power drop per linear run (run length restrictions apply).

## ≡ Specifications All data shown is nominal

### Source

LED	STATIC GoodDay Engineered Spectrum DYNAMIC GoodDay & GoodNight Engineered Spectrum
Delivered Lumens	4930lm GoodDay, 4450lm UP   480lm DOWN 3709lm GoodNight, 3348lm UP   361lm DOWN (DYNAMIC ONLY)
CCT	5000K, 4000K, 3500K or 3000K GoodDay 2200K or 2700K GoodNight
CRI	88
Color Spatial Uniformity	≤ 5x SDCM
Melanopic/Photopic (M/P) Ratio	0.90 GoodDay 0.33 GoodNight
Life	50,000 Hours

### Optical

Indirect	Optical film produces wide batwing distribution
Direct	Diffuse lens and optical film or solid body housing for indirect only

### Electrical

Power Consumption	49 W (per 4 ft)
Delivered Efficacy	100 lm/W
Voltage	120–277 V
Power Factor	> 0.9
Dimmable	Preset light levels selectable via IR remote* (100%, 75%, 50%, and 25%)
Power Factor	≥ 0.9
Control Protocol	0–10V, linear
Dimming Range	10–100 %

### Mechanical

Housing	Formed Steel
End Caps	Flat Steel, no exposed fasteners
Finish	Matte white powder coated
Connectors	Quick connects
Cable Suspension	24–150 in adjustable cable or Stem mount

### Certifications & Warranty

Certifications	UL Listed
Warranty	5 Year Limited



Made in the USA



6 Month Limited Warranty

## Luminaire Ordering

**Example:** (2) 480LG-P-L-8-22-50-Z-MVO-WHT; (2) 8ft sections for a 16ft row

Luminaire Type	Shielding	Length (nominal)	CCT 1	CCT 2
480LG-P Pendant	L Lens	4 4 ft	Blank None (static, GoodDay only)	50 5000K GoodDay
	I Indirect, Solid Body	8 8 ft	22 2200K GoodNight	40 4000K GoodDay
			27 2700K GoodNight	35 3500K GoodDay
				30 3000K GoodDay
Control	Voltage	Finish	Integrated Sensor	Options
Z 0–10V (2) Intensity & CCT	MVO 120–277V	WH Matte White	Blank None Day Daylight Sensor OCC Occupancy Sensor	Blank None FF Fuse - Fast Blow FS Fuse - Slow Blow EC Emergency Circuit EB Emergency Battery

## Power Feed & Hardware Ordering

**Example:** (1) SFD-Y-9C-FA-36-MVO-GDN, NP-Y-9C-FA-36; (1) Standard power feed with cable and (2) additional suspension cables for 16ft row

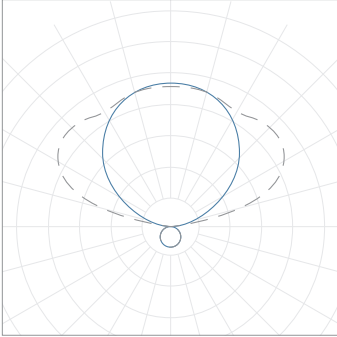
Kit	Suspension Type	Ceiling	Adjustability
SFD Standard Power Feed	Y Two Point Cable	HC Hard Ceiling	Blank Stem Mount
ECF Emergency Circuit Feed	S Stem Mount	SC Screw Set Clip	FA Fully Adjustable
NP Non-power Feed		15C 15/16 in Tee Clip	
		9C 9/16 in Tee Clip	
Length	Voltage	Wiring	
18 24 in	Blank Non-power feed	Blank Non-power feed	
24 30 in	MVO 120–277V	GDN 0–10V (2) Intensity & CCT	
36 42 in			
72 78 in			
144 150 in			

## End Cap Ordering

**Example:** (1) 480LG-P-FEP-WHT; (1) End Cap Kit (pair) for a 16ft row

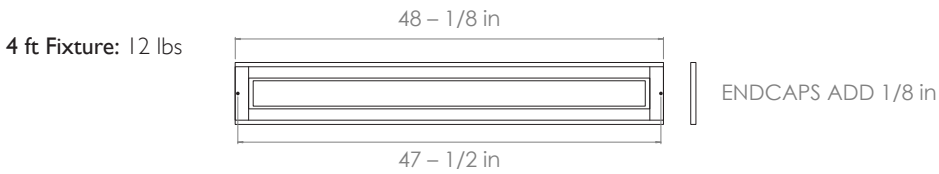
Luminaire Type	End Cap Type	Finish
480LG-P Pendant	FEP FLAT END PLATE	WHT White

## Performance



- **Distribution:** 90% UP/10% DOWN
- **Delivered Lumens:** 4930lm GoodDay (per 4ft)
- **Input Watts:** 49W (per 4ft)
- **Efficacy:** 100 lm/W

## Dimensions



## Mounting Types



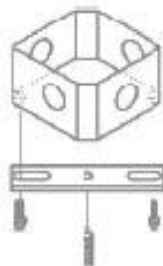
9/16 in  
Tee Clip



15/16 in  
Tee Clip



Screw Slot  
Tee Clip



J Box by Others

Mounting Strap

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without notice.

480\_Lagoon\_SpecSheet\_092320



Healthe<sup>®</sup> has found a way to bring UVC 222 down to Earth and into your life.

222 is a frequency of light that naturally kills up to

# 99.9%

of bacteria and viruses including coronaviruses

\*Depends on the length of UVC 222 exposure

Healthe<sup>®</sup> solutions are



Instant













Chemical-free



Continuous

UVC 222 is safe  
for occupied indoor space

### Comparison to traditional UVC solutions

	 <b>healthe</b> UVC 254NM	Others UVC 254NM
 Effective on viruses <sup>1</sup>		
 Cannot penetrate skin and eyes <sup>2</sup>		
 Safe for occupied spaces <sup>3</sup>		

Both Far-UVC 222 light and Traditional-UVC light can penetrate and inactivate airborne influenza and viruses, including coronaviruses.

Studies have demonstrated that Far-UVC 222 light cannot penetrate the outer layer of human skin or the tear layer of the eye and can be an effective tool in reducing the spread of airborne microbial diseases; Direct exposure to traditional UVC light is a health hazard to human skin and eyes.

Far-UVC 222 lamps can disinfect at the 'edge' of occupied indoor spaces and greatly reduce the level of airborne coronaviruses; Traditional UVC lamps are only safe to use in unoccupied indoor spaces.