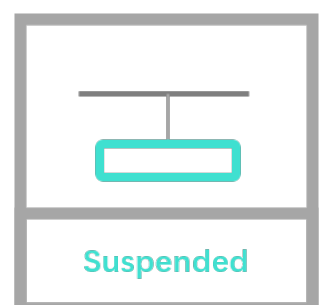
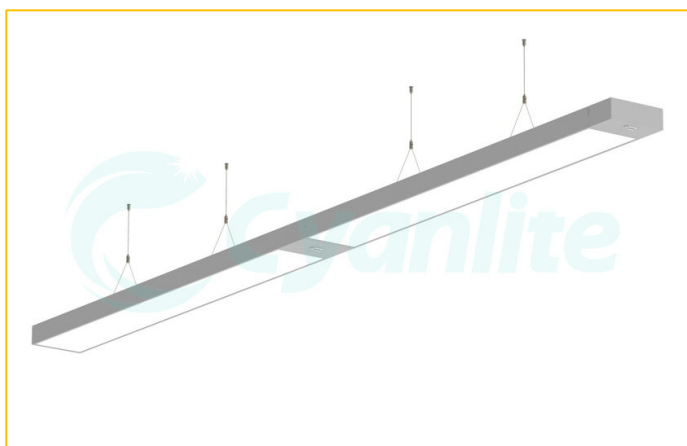
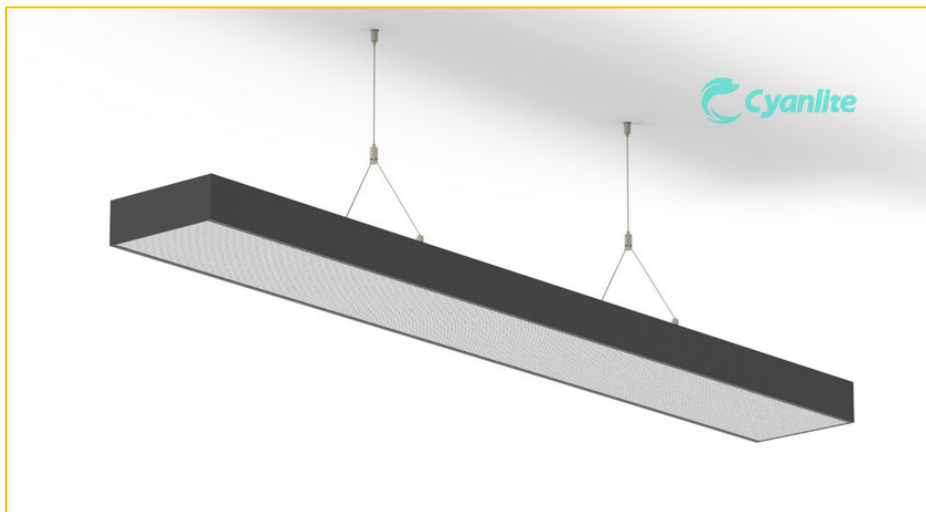


**Cyanlite™**  
LED Linear Lights  
*PENDA*  
for  
Suspended  
Installation





## Overview

The Cyanlite™ PENDA series of suspended LED luminaires offer both direct and indirect lighting options, providing versatility in the design and application of the lighting system. The direct lighting option delivers a concentrated beam of light, illuminating specific areas or objects, while the indirect lighting option provides a more diffuse, ambient light that can be used to create a warm and inviting atmosphere. This combination of direct and indirect lighting options allows for a customizable lighting solution that can be tailored to meet the specific needs of each environment.

The linear design of the PENDA series, combined with its sleek black/white/silver frame and housing, creates a premium and sophisticated ambiance. The series is available in standard sizes including 200x1200mm, 300x1200mm, 200x1500mm, and 300x1500mm, making it suitable for a variety of spaces and design needs. The uniform, anti-glare lighting and minimalist design make these luminaires ideal for use in high-end office spaces, creative zones, computer workstations, and prestigious retail environments.

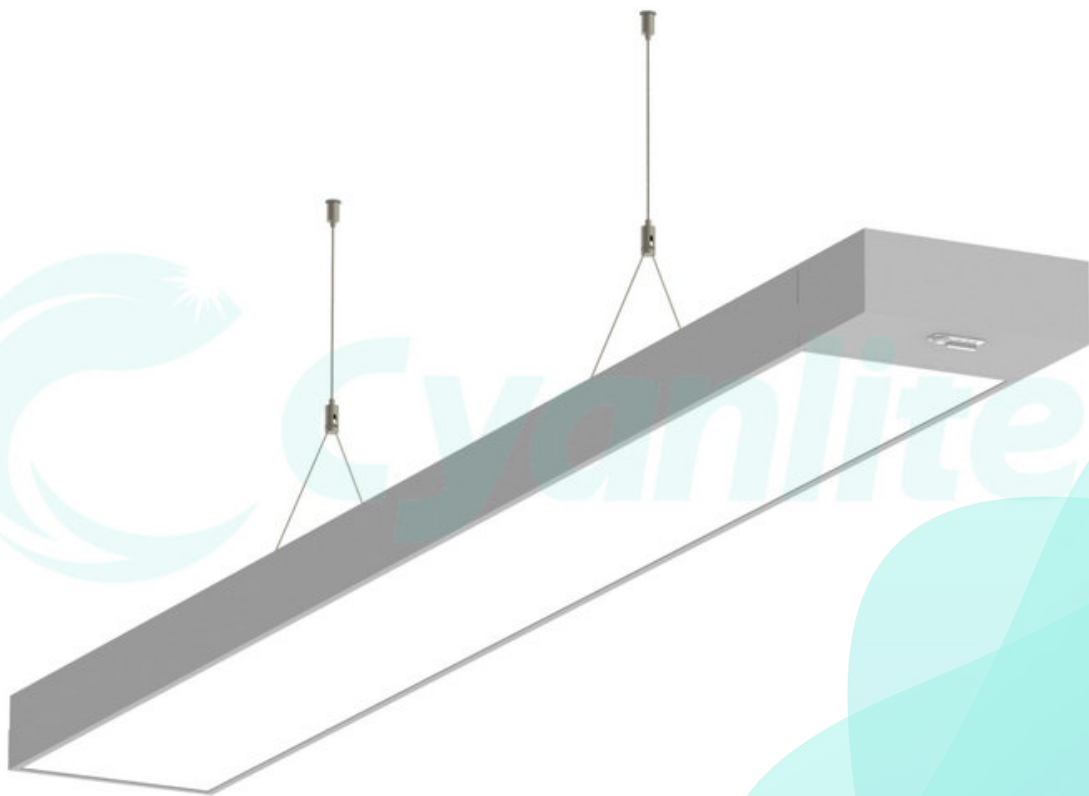
The luminaires can be equipped with built-in sensors and are designed for easy linking, offering further functionality such as occupancy detection and ambient light sensing. The reinforced structure ensures stability during suspension and prevents bending, making these luminaires a durable and reliable lighting solution.

## Advantages

- Specifically designed for suspended installation with reinforced structure
- Direct light and indirect light versions available
- Built-In Driver, Easy and fast installation, saving installation cost
- Flexible and customization oriented, bespoke sizes are welcome
- Professional LED lighting manufacturer, ODM for EU top lighting brands, no risk for partnership

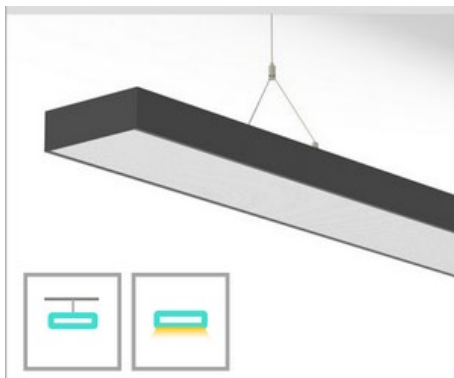
## Features

- Standard sizes (mm): 200x1200, 200x1500; 300x1200, 300x1500;
- White/Black/Silver as standard coating color, RAL9010/9016 White colors available on request
- System Efficiency upto 120 lm/W
- EN 12464-1& LG7 Compliant, UGR<19 Optional when fitted with Micro Prismatic diffuser
- Range of color temperatures 3000K, 3500K, 4000K, 5000K & 6000K
- 5 Years Warranty
- Various dimming options, including 0-10V, DALI, Switch Dim etc.
- Emergency options available



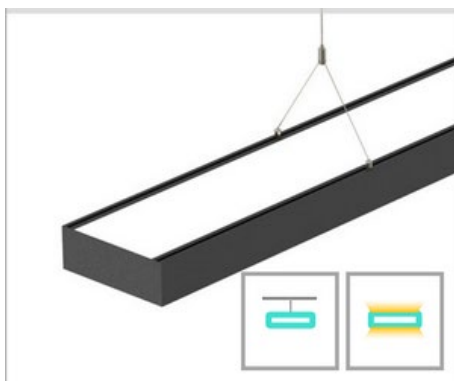
## Specifications

- Direct Light version



Model	Part No.	Power	Luminous Flux	Dimension (mm)
200x1200	PB40W212PE-SP	40W	4800 lm	200x1200x65
200x1500	PB60W215PE-SP	60W	7200 lm	200x1500x65
300x1200	PB40W312PE-SP	40W	4800 lm	300x1200x65
300x1500	PB60W315PE-SP	60W	7200 lm	300x1500x65

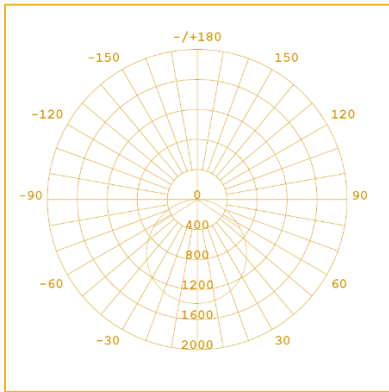
- Direct/Indirect (Up/Down) Light version



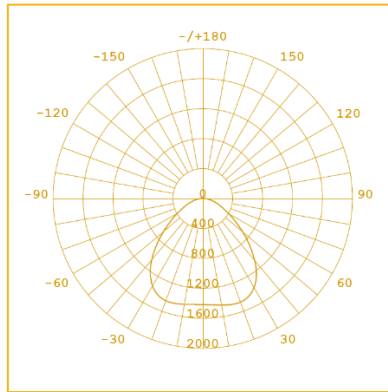
Model	Part No.	Power	Luminous Flux	Dimension (mm)
200x1200	PB40W212PE-UD	40W	4800 lm	200x1200x65
200x1500	PB60W215PE-UD	60W	7200 lm	200x1500x65
300x1200	PB40W312PE-UD	40W	4800 lm	300x1200x65
300x1500	PB60W315PE-UD	60W	7200 lm	300x1500x65

(Default: 30% up/ 70% down, other ratios and customization are accepted)

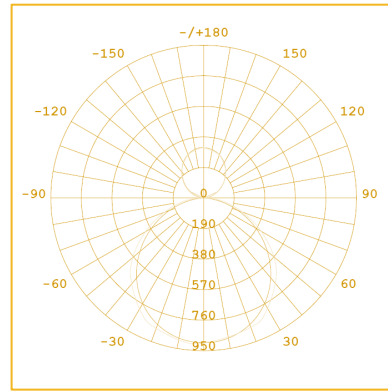
## Photometric



- UGR22 with Opalic Diffuser

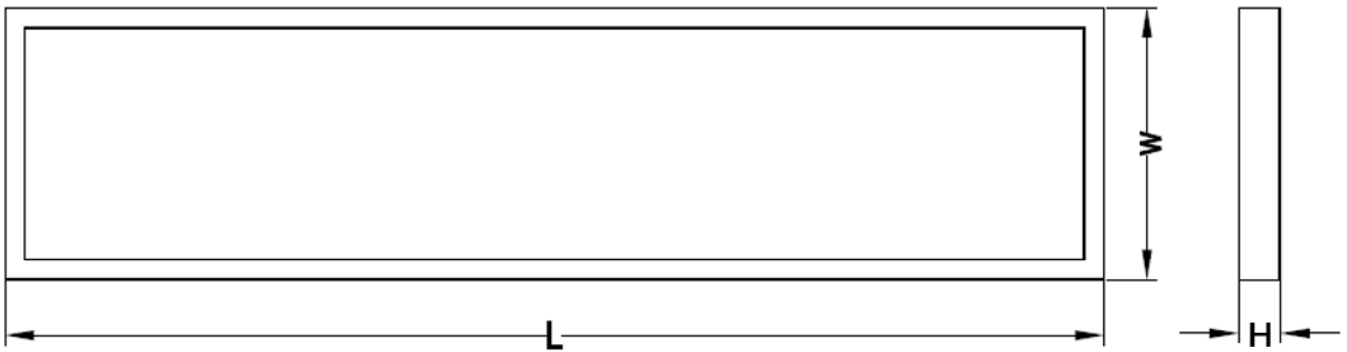


- UGR19 with Micro Prismatic Diffuser



- Up and Down version

## Dimensions (mm)



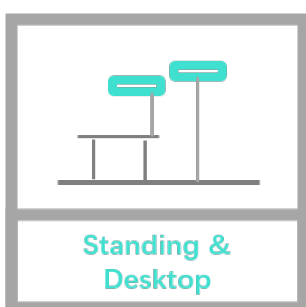
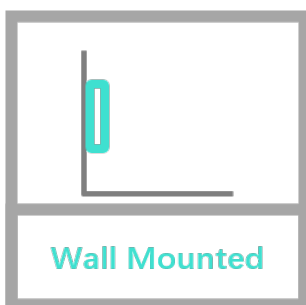
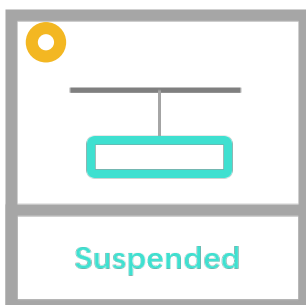
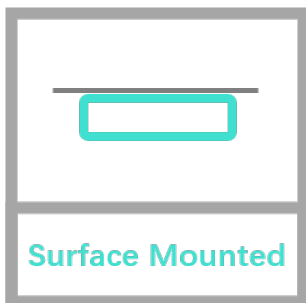
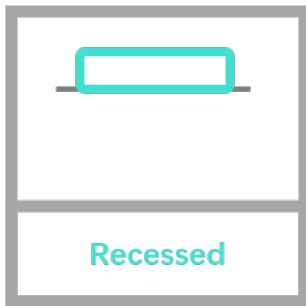
L	W	H
1200	200	65
1500	200	65
1200	300	65
1500	300	65

Unit: mm

System Efficacy	120lm/w ≥ 4000K
CRI (Ra)	>80
Color Temp.	3000K/3500K/4000K/5000K/6000K
Lighting Method	Back-lite
Light Source	SMD2835
SDCM	<3
Beam Angel	110° Opalic Diffuser/ 90° Micro Prismatic Diffuser
Service Life	L80B10 (25°C) > 50.000h
IP Rating	IP40
Impact Resistance	IK04
Hot Wire Resistance	650°C
Driver	Flicker Free On/off driver as standard
Dimmable	1-10V, DALI, Push Dim, Bluetooth Optional
Nominal Frequency	50/60Hz
Power Factor	>0.9
Input Voltage	200~240V
Flick Free	Yes
Housing Color	Black as standard (RAL9016/9010 White optional)
Housing Material	Aluminum frame, steel housing
LENS Material	Acrylic (PMMA)
Diffuser Material	Polystyrene (PS)
Storage Temp.	-40°C~+80°C
Working Temp.	-20°C~+45°C
Mount	Suspended
Package	1pcs per gift box, 4pcs per master box
Warranty	5 years

According to the International Standard of LED luminaire, here Cyanlite formally claims this product is only allowed to be applied to indoor environment. Meanwhile Cyanlite promises full warranty for the products. Any severe environment application including high/low temperature, high humidity, high salinity, high ammonia etc. is not permitted without the official confirmation from the manufacturer. If any misapplication happens, the warranty policy is no longer guaranteed. All values are typical values measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

Rev: 1.1 2022/06/01



**Cyanlite™**  
LED Luminaires  
For  
Recessed  
Surface Mounted  
• **Suspended**  
Wall Mounted  
Standing & Desktop  
Installations

[www.cyanlite.com](http://www.cyanlite.com)

