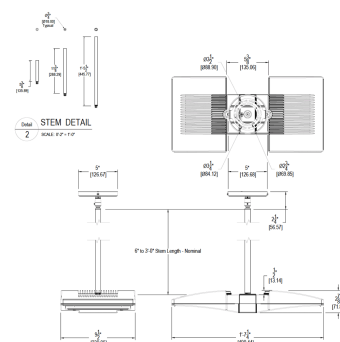# PLED2X26Y/D10

The PLED is a high performance LED downlight available in 52, 40, 26 and 20W versions in both Cool and Warm Color Temperatures. Pendant mount with hang-straight and 6", 12" and 18" stems included. Stems can be combined up to 36" max length.

Color: Bronze   Weight: 10.1 lbs

LED Info

Watts:	52W
Color Temp:	3000K (Warm)
Color Accuracy:	82
L70 Lifespan:	100000
LM79 Lumens:	4285
Efficacy:	73 LPW

Driver Info

Type:	Constant Current
120V:	0.48A
208V:	0.30A
240V:	0.26A
277V:	0.22A
Input Watts:	59W
Efficiency:	88%

Technical Specifications

PLED2X26 with Dimmable Driver:
Driver includes dimming control for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims as low as 10%.

UL Listing:
Suitable for Wet Locations.

Lifespan:
100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

Mounting:
3 mounting stems included. 6", 12" and 18" can be combined to achieve a maximum length of 36". 42" of wire supplied. The pendants thread into a hang-straight, leveling the fixture. Pendant outside diameter is 1". Threads are 3/8". Circular canopy included.

Driver:
Multi-chip 26W high output long life LED Driver Constant Current, 720mA, Class 2, 6kV Surge Protection, 100V-277V, 50-60 Hz, 100-240V.4 Amps.

Thermal Management:
Cast aluminum Thermal Management system for optimal heat sinking. The PLED is designed for cool operation, most efficient output and maximum LED life by minimizing LED junction temperature.

Lumen Maintenance:
The LED will deliver 70% of its initial lumens at 100,000 hours of operation.

Housing:
Precision die cast aluminum housing and lens framing.

Finish:
Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

Green Technology:
RAB LEDs are Mercury, Arsenic and UV free.

Patents:
The PLED design is protected by U.S. PATENT D608,040 and patents pending in the U.S., Canada, China, Taiwan and Mexico.

Warranty:
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

Color Consistency:
7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color.

Color Stability:
LED color temperature is warrantied to shift no more than 200K in CCT over a 5 year period.

Color Uniformity:
RAB's range of CCT (Correlated color temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2008.

Ambient Temperature:
Suitable for use in 40°C ambient temperatures.

RAB LIGHTING

PLED2X26Y/D10 - continued

Cold Weather Starting:
The minimum starting temperature is -40°F/-40°C.

California Title 24:
PLED complies with California Title 24 building and electrical codes.

Country of Origin:
Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

Buy American Act Compliant:
This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

Recovery Act (ARRA) Complaint:
This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

Trade Agreements Act Compliant:
This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

GSA Schedule:
Suitable in accordance with FAR Subpart 25.4.