

VL45 RADIOHUS PENDANT

The fixture provides uniform, general and diffuse illumination. The opening at the bottom of the glass produces downwards directed light. The quality of the glass ensures that the fixture is evenly lit.



Vilhelm Lauritzen

Vilhelm Lauritzen (1894–1984) is one of the most significant architects in the history of Denmark; he was the trail-blazing figurehead of Danish functionalism. A number of his buildings – Nørrebro Theatre (1931–32), Daells Varehus department store (1928–35), Radiohuset (1936–41) and the first airport built in Kastrup (1937–39) – represented the concentrated essence of contemporary life.



Carl Hansen & Son Showroom



Aalborg Universitet

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Product info

Environmental Product Specification

This product is compliant with the requirements contained in the European Directives, RoHS Directive 2011/65 and 2015/863. This product is designed so that 100% of the product can be disassembled and reused.

Information

Electrical: System Wattage: 10W - 44W LED Wattage: 9 W or 42 W Delivered lumens: 440 - 2,711 Efficacy: 44.0 lm/W - 123.2 lm/W Certifications: cULus, Dry Location Protection class IP20 Controllability: 0-10V Dimming (LED variants); Phase dimming (incandescent variants) Color Rendering: Ra≥90 for LED variants. Performance dependent upon screw-base lamp used in socketed variants.

Mounting

Canopy: White. Cord type: 2-conductor, 18 AWG white braided fabric covered power cord. Cord length: 12'.

Finish

Glossy white opal glass. Brushed brass, untreated.

Materials

Hand blown polished white opal glass. Untreated brushed brass, will patinate.

Sizes and weight

Width x Height x Length (in.) | 9.8 x 12.9 x 9.8 Max 4.5 lbs | 6.8 x 9.7 x 6.8 Max 3.1 lbs | 14.6 x 17.6 x 14.6 Max 11.4 lbs

Compliance

cULus, Damp location.

Specification notes

a. 6.9 IN available only in 10W/G16.5/candelabra. b. 9.8 IN available only in 22W/A-21/medium. c. 14.6 IN available in 22W/A-21/medium or 44W/LED. d. Incandescent variants available only in 120V. e. LED variants available with mains dimming at 120V or 0-10V dimming with 120-277V.

Light source

1x22W A-21/medium

Information

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LED Wattage: 9 W or 42 W

Delivered lumens: 440 - 2,711

Efficacy: 44.0 lm/W - 123.2 lm/W

Certifications:

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Protection class IP20

Controllability: 0-10V Dimming (LED variants); Phase dimming (incandescent variants)

Color Rendering: Ra≥90 for LED variants.

Performance dependent upon screw-base lamp used in socketed variants.



Product variants

Dimension	Light source	Lumen	Voltage frequency	Lighting control
14.6 IN	1x10W G16.5/candelabra	-	120V	-
6.9 IN	1x22W A-21/medium	2763		Dim 0-10v
9.8 IN	LED 3000-1800K D2W 44W LED 3000K 44W	3353		Phase dimming (mains dimm)

Product description

VL45 Radiohus pendant features a brass suspension as well as shade of three layers of hand-blown glass. The innermost and outer most layers are made of transparent polished glass, while white glass is used for the intermediate layer. The brass components are untreated and will develop a patina over time. Available in three sizes.

Mounting

Mounts onto a 4 inch octagonal outlet box. Canopy for socketed variants: White flat cone profile, 5.3 IN diameter x 1 IN tall. Canopy for LED variants: White dome, 9.4 IN diameter x 4.3 IN tall. Cord type for socketed variants: 3-conductor, 18 AWG PVC white cord. Cord type for LED variants: 2-conductor, 18 AWG white braided fabric covered power cord. Cord length: 12 feet. LED variants include class II driver for inside canopy. LED variants are 0-10V or mains dimming.

Light description

The fixture emits spherical, diffuse light and the thickness of the glass results in very comfortable light distribution. Direct view of the light source is limited by the small bottom opening to reduce glare. Provided with a socket allowing the use of various color temperatures or wirelessly-controlled lamps as desired. 14.6 IN size available in LED of 3000K or Dim-to-Warm option, for 0-10V or mains dimming.

Design

Vilhelm Lauritzen

Material

Glass shade is three-layered, glossy, opal white, handblown glass 0. 2 IN thick. Stem and glass cap are brushed, untreated brass. Canopy for socketed variant is spun aluminum, 0. 03 IN thick. Canopy for LED variants is white polycarbonate dome, 0. 1 IN thick. Socket: Porcelain, medium base for A-21 size lamps.

Weight

Min: 11.42 lbs Max: 8.962 lbs

Dimensions

14.6 IN, 6.9 IN, 9.8 IN

Other functions

Longer cord lengths. LED in 3500K or 4000K. LED retrofit kit available for existing installations for 14.6 IN size.

Finish

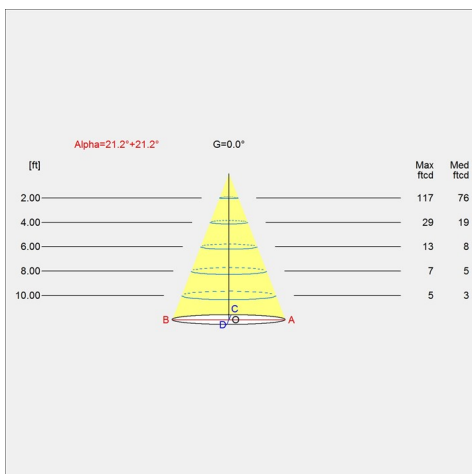
Brass/glossy opal glass

Voltage

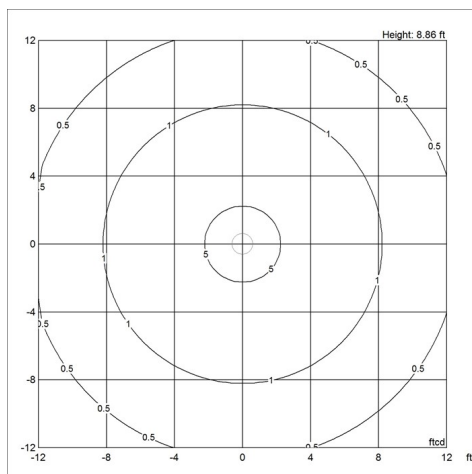
120V

Light distribution diagrams

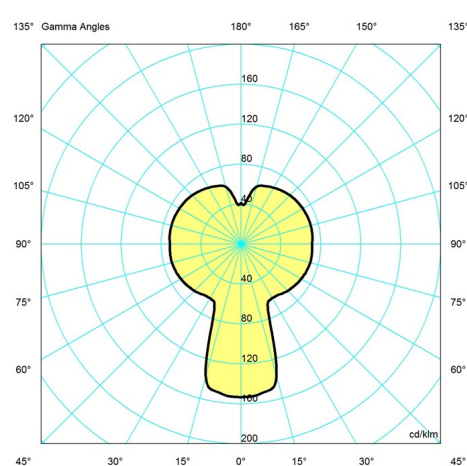
Cartesian



Isolux



Polar



Spare parts & accessories

VL45 Radiohus Pendant

Product	Variant number
Canopy White 2-part tophat ®	5749329034
Small canopy, white	S0771
Small canopy, black	10000018378
VL45 Radiohus Ø250 opal glass	5741099304
VL45 Radiohus Ø370 opal glass	5741099317
VL45 Radiohus Ø370 LED, opal glass	5741100866
VL45 RADIO 370 SUSPENSION V2 US	5741928543
VL45 RADIO 250 SUSPENSION V2 US	5741928556