



Client: _____ Order #: _____
Project Name: _____ Type: _____ Qty: _____

D952

Contemporary LED High/Low Bay

Performance Data

CRI

70+ Standard,
90+ Optional

CCT

3000K, 3500K, 4000K, 5000K

Projected Lifetime

160,000 Hours (L90)

Dimming

Available with 0-10V inputs
dimming down to 10%

Operating Temperature

-40°C to +45°C Ambient

ETL Listed

Suitable for dry and damp
locations



Description

The D952 high/low bay pendant is a design-focused luminaire that can be used in any interior application from commercial to retail and anywhere in between. Pairing high efficacy LED performance with a range of reflector and lens options, the D952 is designed to deliver both top quality illumination and aesthetics to modern interior applications.

Features

PERFORMANCE

- Delivers up to 125 lumens per watt at 5000K
- High performance lens and reflector options provide high levels of vertical illuminance with minimal glare.
- 80+ CRI for accurate interior color rendering
- Operating Temp: -40°C to +45°C
- Power Factor: >0.90; Total Harmonic Distortion (THD): <20%

PHYSICAL

- Two housing sizes available: 16" and 22" diameters
- Heavy-gauge spun aluminum driver enclosure for efficient heat dissipation.
- Bottom lens retained by stainless steel clamp band.
- Standard mounting style is suspension by aircraft cables (available lengths shown on table below)
- Dome top housing delivers a modern look for interior spaces

D952



Ordering Information

A FIXTURE SERIES

D952 LED High Bay

B SIZE

| | |
|---|-----|
| M | 16" |
| L | 22" |

C WATTAGE/LUMENS

| | |
|-----------|-------------------------|
| (SIZE 16) | |
| 40 | 40W/4900 ¹ |
| 60 | 60W/7380 ¹ |
| (SIZE 22) | |
| 80 | 80W/9840 ¹ |
| 120 | 120W/14760 ¹ |

D CCT

| | |
|----|-------|
| 30 | 3000K |
| 35 | 3500K |
| 40 | 4000K |
| 50 | 5000K |

E VOLTAGE

| | |
|---|----------|
| U | 120-277V |
| K | 347V |

F HOUSING STYLE

D Dome Top

G REFLECTOR TYPE

| | |
|---|-------------------|
| A | Polished Aluminum |
| P | Prismatic Acrylic |

H MOUNTING

Cx Mounting Cable- **Required**
(x is variable, See page 3 for lengths)

I PAINT FINISH

| | |
|---|-----------------|
| K | Textured Black |
| N | Textured Bronze |
| M | Textured White |
| A | Aluminum |
| B | Black |
| W | White |

J LENS TYPE

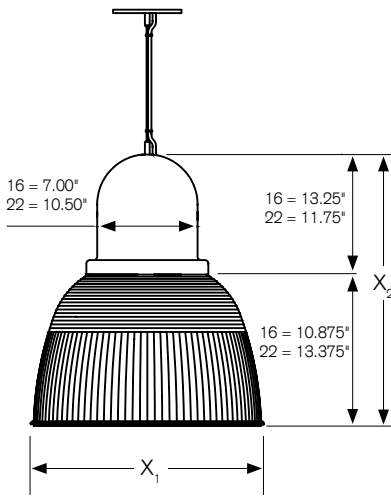
Lens Type - **Required**
(see accessories table on pg 2)

K OPTIONS

| | |
|------|---|
| WG## | Wire Guard (see accessories table on pg 2) |
| D | 0-10V Dimming |
| 9 | 90+ CRI |

¹ Delivered Lumens (5000K Conical Lens) - See lumen output table below for other color temperatures

Dimensions



Inches

| | Size 16" | Size 22" |
|----------------------|----------|----------|
| X₁ | 24.125 | 25.125 |
| X₂ | 16.30 | 22.40 |

*Height is measured with Prismatic Acrylic reflector.
 For Polished Aluminum Measurements:
 16 = 10.75"
 22 = 11.00"

Reflector Types



Prismatic Acrylic



Polished Aluminum

Lens Types



Clear Acrylic



Conical Lens



Drop Lens



Clear Flat Glass

Mounting Cable Lengths

| | |
|----|------------|
| CA | 24" Cable |
| CB | 48" Cable |
| CD | 60" Cable |
| CF | 72" Cable |
| CG | 96" Cable |
| CH | 120" Cable |
| CJ | 150" Cable |
| CK | 180" Cable |
| CL | 240" Cable |

Accessories (Ordered and Shipped Separately)

| Lens Type | Lens Type Description |
|------------|---|
| FLA16/CB | 16" Flat Acrylic Lens With Clamp Band |
| FLA22/CB | 22" Flat Acrylic Lens With Clamp Band |
| DA16/CB | 16" Acrylic Drop Lens With Clamp Band |
| DA22/CB22 | 22" Acrylic Drop Lens With Clamp Band |
| CFL16/CB16 | 16" Clear Flat Glass Lens With Clamp Band |
| CFL22/CB | 22" Clear Flat Glass Lens With Clamp Band |
| CA16/CB | 16" Conical Acrylic Lens With Clamp Band |
| CA22/CB | 22" Conical Acrylic Lens With Clamp Band |

| Wire Guard | Wire Guard Description |
|------------|------------------------------|
| WG16 | Wire Guard For 16" Reflector |
| WG22 | Wire Guard For 22" Reflector |

Lumen Output by CCT/CRI

| | Delivered Lumen Output | | | |
|----------|------------------------|-------|-------|-------|
| | 5000K | 4000K | 3500K | 3000K |
| Standard | 100% | 98% | 95% | 93% |
| 90+ CRI | 78% | 75% | 73% | 67% |

Use above multipliers relative to the 5000K delivered lumen output to calculate delivered lumens for other color temperatures and the 90+ CRI option

Lumen Output by Lens Type

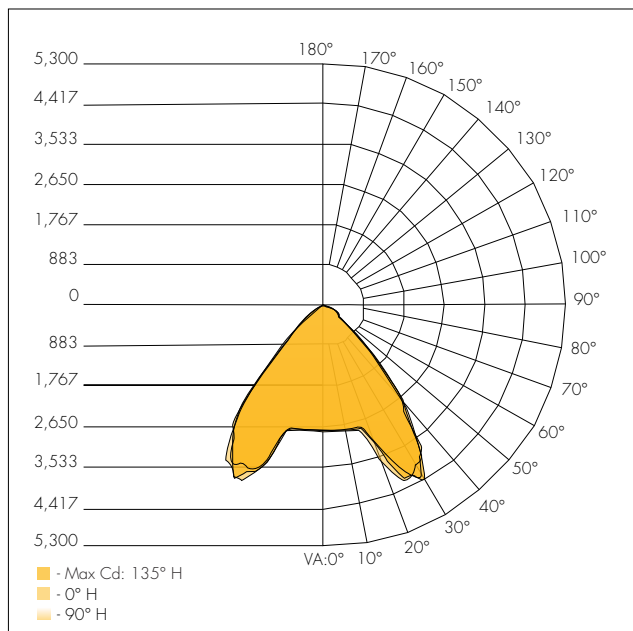
| Multiplier | Delivered Lumen Output | | | |
|------------|------------------------|--------------|-------------|--------------|
| | Conical Lens | Flat Acrylic | Clear Glass | Drop Acrylic |
| | 1.00 | 0.99 | 0.97 | 0.95 |

Use above multipliers relative to the 5000K Conical Lens delivered lumen output to calculate lumen outputs for other lens types

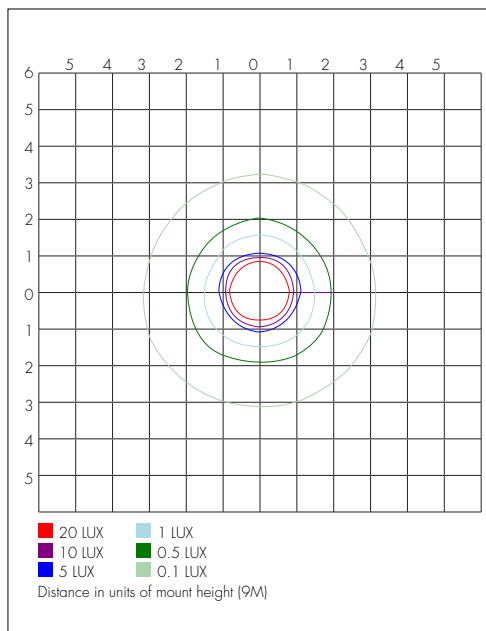
Example: 120W 4000K with Clear Glass Lens
 14,760 lumens (120W 5000K Conical Lens) x 0.98 (4000K 70 CRI) x 0.97 (Clear Glass Lens) = 14,030 lumens

Photometrics

Model 80W 4000K w/Acrylic Reflector Clear Glass Lens



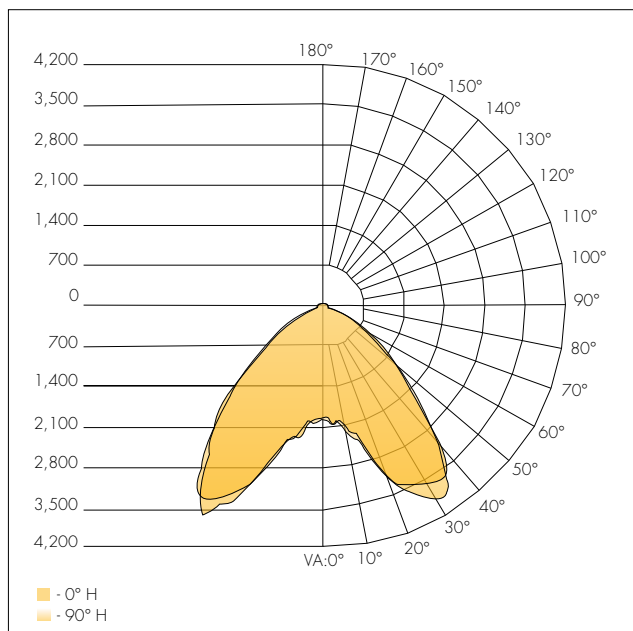
Isolux Plot



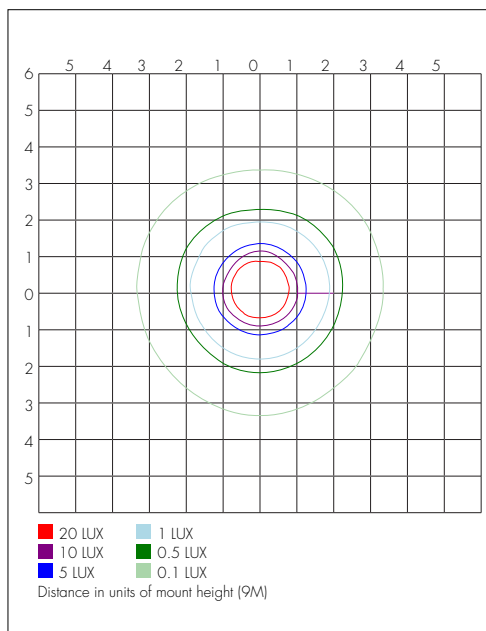
Zonal Lumen Summary

| Zone | Lumens | %Luminaire |
|--------|---------|------------|
| 0-30 | 3,504.5 | 38% |
| 0-40 | 6,125.0 | 66.4% |
| 0-60 | 8,170.8 | 88.6% |
| 60-90 | 740.2 | 8% |
| 70-100 | 353.2 | 3.8% |
| 90-120 | 98.4 | 1.1% |
| 0-90 | 8,911.0 | 96.7% |
| 90-180 | 307.5 | 3.3% |
| 0-180 | 9,218.5 | 100% |

Model 80W 4000K w/Acrylic Reflector Conical Lens



Isolux Plot

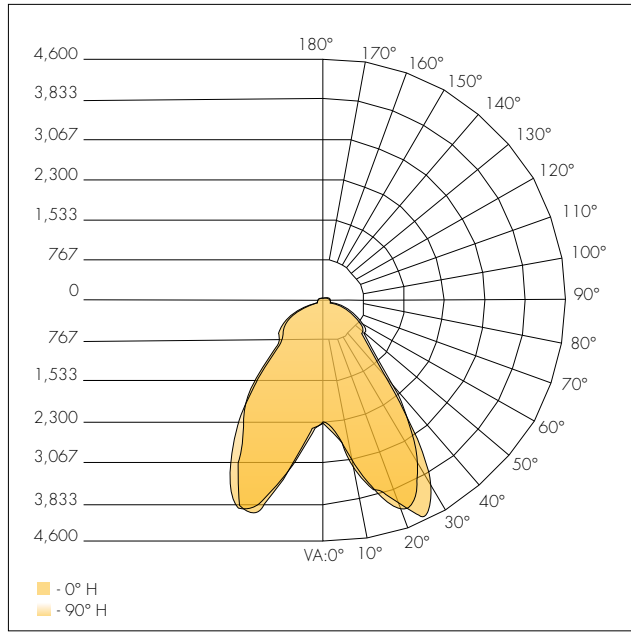


Zonal Lumen Summary

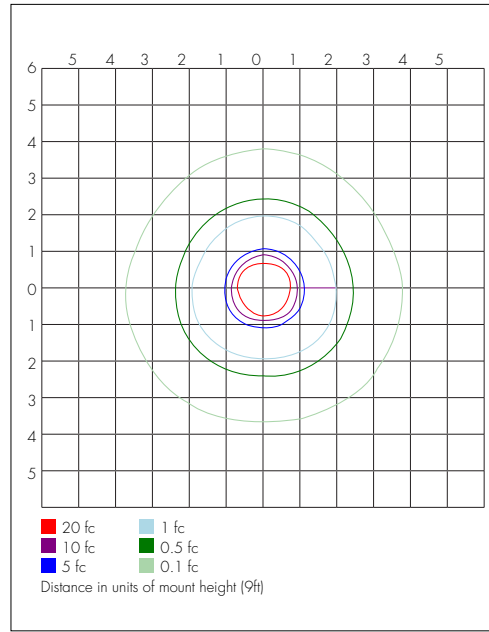
| Zone | Lumens | %Luminaire |
|--------|---------|------------|
| 0-30 | 2,524.3 | 26.7% |
| 0-40 | 4,777.2 | 50.5% |
| 0-60 | 7,821.4 | 82.6% |
| 60-90 | 1,056.4 | 11.2% |
| 70-100 | 484.5 | 5.1% |
| 90-120 | 330.1 | 3.5% |
| 0-90 | 8,877.8 | 93.8% |
| 90-180 | 588.6 | 6.2% |
| 0-180 | 9,466.3 | 100% |

Photometrics

Model 80W 4000K w/Acrylic Reflector Drop Acrylic Lens



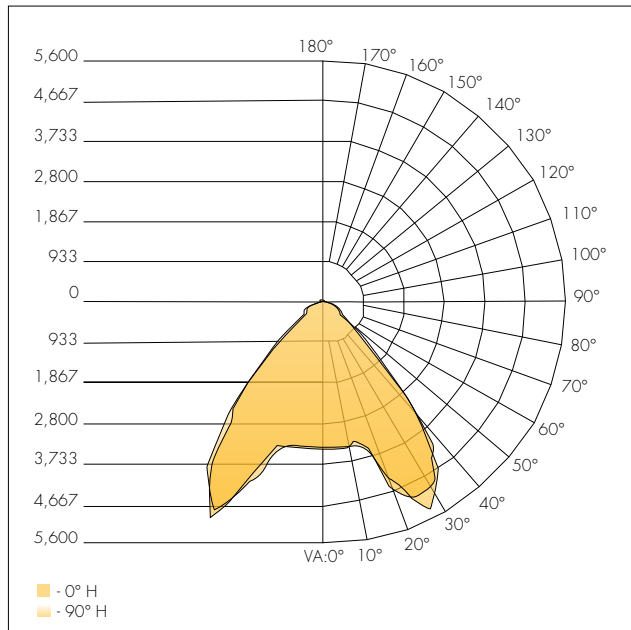
Isofootcandle Plot



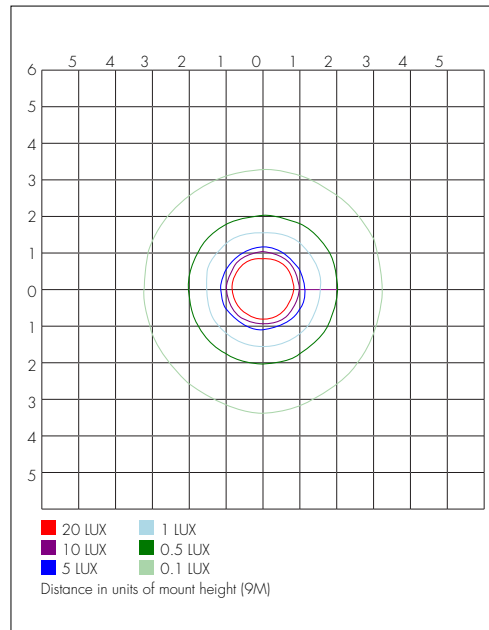
Zonal Lumen Summary

| Zone | Lumens | %Luminaire |
|--------|---------|------------|
| 0-30 | 3,182.7 | 35.4% |
| 0-40 | 4,965.3 | 55.3% |
| 0-60 | 6,904.7 | 76.9% |
| 60-90 | 1,274.7 | 14.2% |
| 70-100 | 684.6 | 7.6% |
| 90-120 | 430.6 | 4.8% |
| 0-90 | 8,179.5 | 91.1% |
| 90-180 | 804.0 | 8.9% |
| 0-180 | 8,983.4 | 100% |

Model 80W 4000K w/Acrylic Reflector Flat Acrylic Lens



Isolux Plot



Zonal Lumen Summary

| Zone | Lumens | %Luminaire |
|--------|---------|------------|
| 0-30 | 3,592.9 | 38.1% |
| 0-40 | 6,291.2 | 66.7% |
| 0-60 | 8,380.2 | 88.8% |
| 60-90 | 743.0 | 7.9% |
| 70-100 | 356.4 | 3.8% |
| 90-120 | 103.3 | 1.1% |
| 0-90 | 9,123.2 | 96.7% |
| 90-180 | 311.9 | 3.3% |
| 0-180 | 9,435.1 | 100% |

Bottom View

