



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

ETL

Listed

10 Yr

Warranty
Including Labor

USA

Buy American
Act Compliant

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'
60 60W/7380'
(SIZE 22)
80 80W/9840'
120 120W/14760'

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
(x is variable, See page 3 for lengths)

I PAINT FINISH

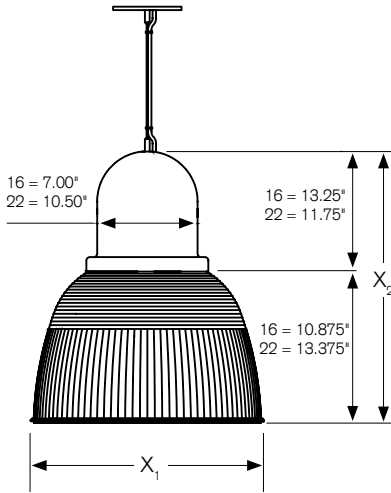
K Textured Black
N Textured Bronze
M Textured White
A Aluminum
B Black
W White

J OPTIONS

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

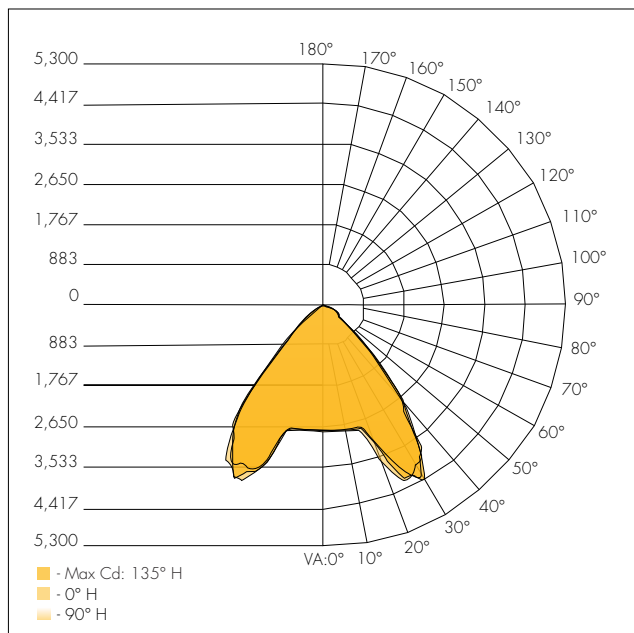
Multiplier	Delivered Lumen Output			
	Conical Lens	Flat Acrylic	Clear Glass	Drop Acrylic
	1.00	0.99	0.97	0.95

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

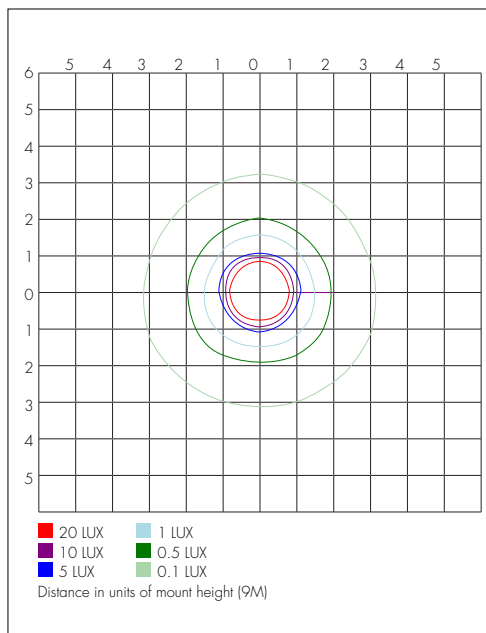
Example: 120W 4000K with Clear Glass Lens
 14,760 lumens (120W 5000K Conical Lens) x 0.98 (4000K 70 CRI) x 0.97 (Clear Glass Lens) = 14,030 lumens

Photometrics

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



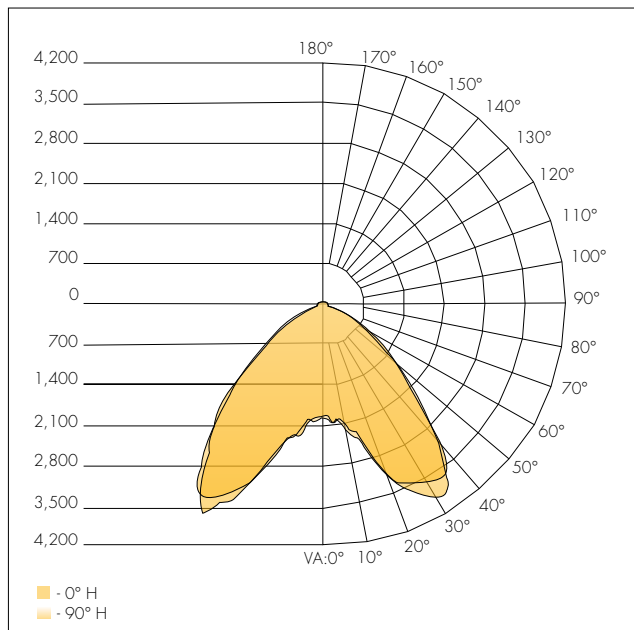
Isolux Plot



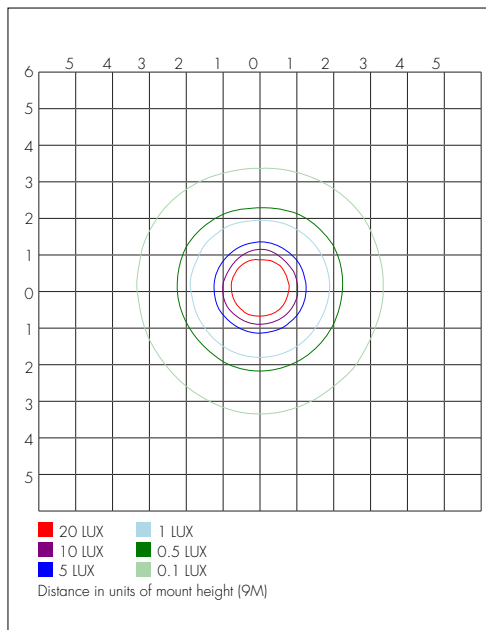
Zonal Lumen Summary

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

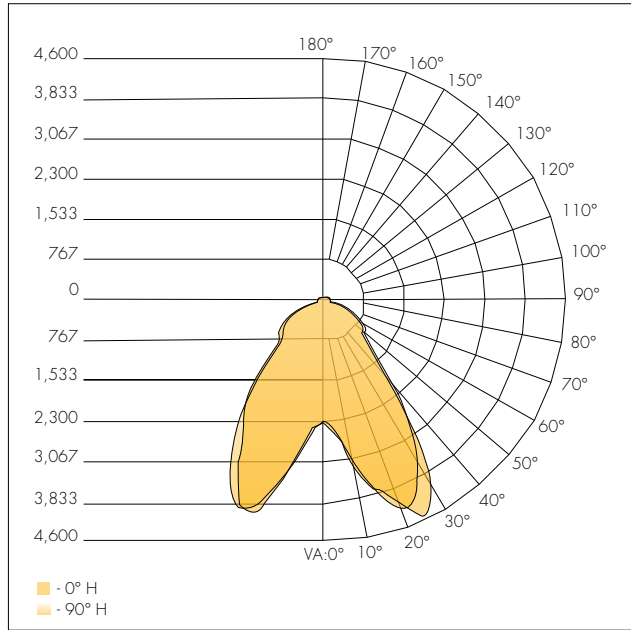


Zonal Lumen Summary

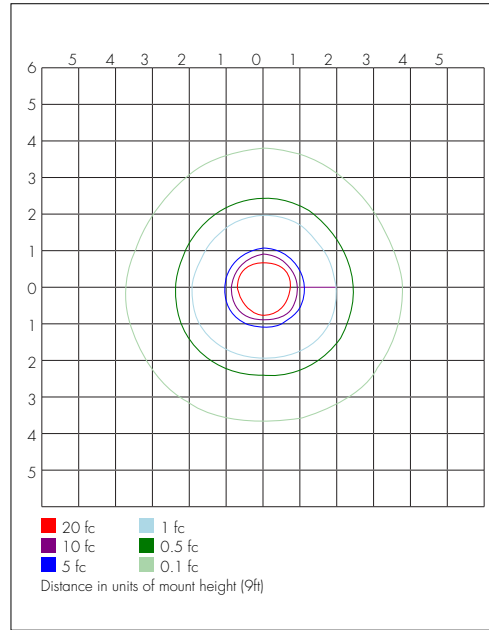
Zone	Lumens	%Luminaire
0-30	2,524.3	26.7%
0-40	4,777.2	50.5%
0-60	7,821.4	82.6%
60-90	1,056.4	11.2%
70-100	484.5	5.1%
90-120	330.1	3.5%
0-90	8,877.8	93.8%
90-180	588.6	6.2%
0-180	9,466.3	100%

Photometrics

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



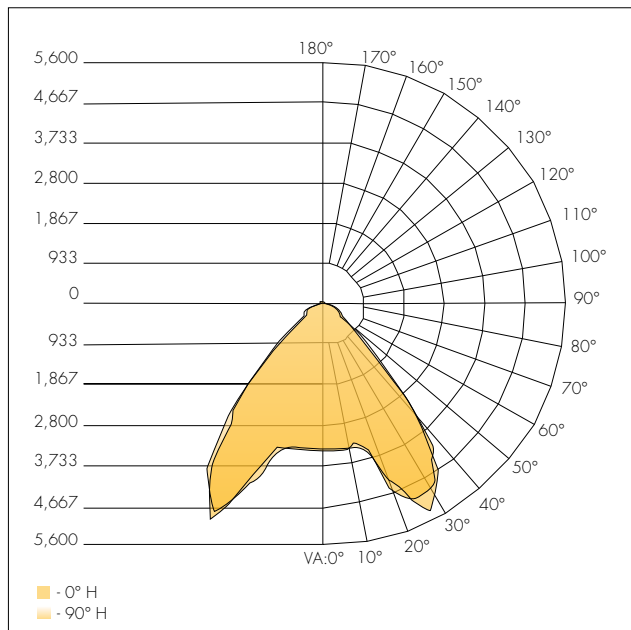
Isofootcandle Plot



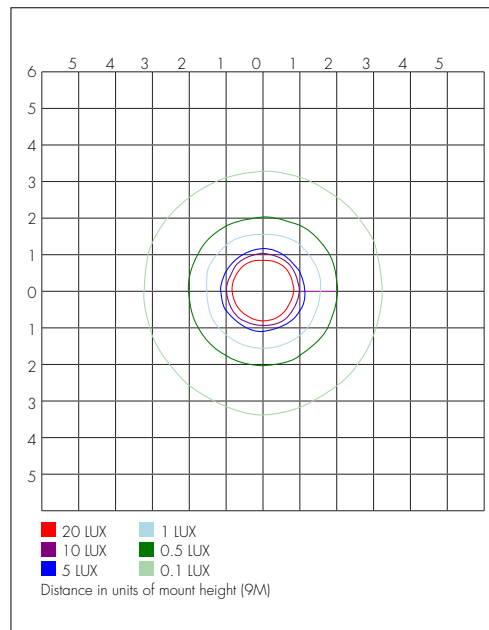
Zonal Lumen Summary

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%