16" PRISMATIC
DDH SERIES / DLC LISTED

LUMEN MAX
HIGH BAY LUMINAIRES

PRDDH16LEDLX

APPLICATION
16" Lumen Max LX series performance pendant for mid-bay and high-bay applications. Prismatic refractor provides horizontal and vertical distribution.

FEATURES
Design Lights Consortium qualified product. Domed Fixture Housing (DDH) features a contemporary design and is easy to maintain. Single-stage optical system for smooth light distribution. LED module and driver designed for ease of maintenance and replacement. Posi-lock refractor retention ring will absorb shocks and impacts. Optional safety cable. Variety of optical lenses, and mounting methods.

FINISH
Multi-stage polyester powder-coat process applied on our dedicated paint lines. Variety of standard and custom finishes are available. All exposed materials are chromate pretreated to resist corrosion.

ELECTRONICS
LED system features high brightness white Nichia LEDs. 3-step MacAdam Ellipse binning. Standard CRI: 80+. Higher CRI, R9 and custom LED configurations are available; consult factory. Variety of electronic 120V/277V and dimming drivers. LED module is 2 circuit with 2 drivers for multicircuit option as well as safety.

CONSTRUCTION
Housing constructed of spun and fabricated aluminum to resist corrosion. Graphite gasket for optimal thermal management. Die-cast aluminum heat sink. Refractor made of cast UV stabilized acrylic.

CODE COMPLIANCE
BAA compliant. ETL certified to meet US and Canadian standards. Suitable for dry or damp locations. Manufactured and tested to UL standards No. 1598/8750. Refer to designlights.org/search/ for most up-to-date list.

RATED LIFE
Tested in accordance to LM79-2008 and derived from EPA TM-21 calculator.
Reported hours per TM-21/LM80 6x's limitation.
L70: >60,000 hours
L90: >60,000 hours
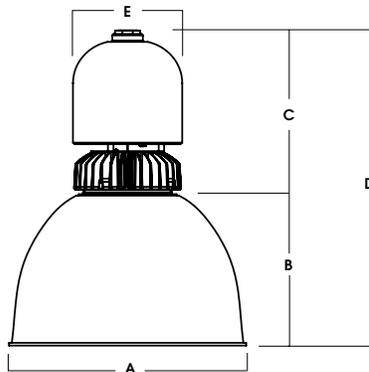
A	B	C	D	E
16.2 411.48 mm	10.8 274.3 mm	11.6 294.6 mm	22.4 569.0 mm	7.5 190.5 mm

Fixture Weight: 13.0 lbs

SERIES	LUMENS[1/2]		CCT		DRIVER / DIMMING[3]		OPTIONS[4]		MOUNTING[5]		REFRACTOR		DIFFUSER OPTIONS				FINISH[9]	
PRDDH16LEDLX	65L	6500 Lm	27K	2700K	EX	Electronic Driver, 120V/277V	SC1	Safety Cable	HM[6]	Hang Straight	DF16	16" Diffuse	DOOR		LENS		MW[10]	Matte White
	130L	13000 Lm	30K	3000K			SC2	Safety Cable, Reflector to Door	AT[6]	Hang Straight All Thread	PR16	16" Clear	BC16	16" Band Clamp	CNFR	Conical Frosted	MB[10]	Matte Black
	140L	14000 Lm	35K	3500K					PM[6]	Rigid Pendant Mount	OP16	16" Opal			CN	Conical Lens	PT[10]	Platinum Silver
			40K	4000K					CD[6]	Cord / Cable Mount					DL	Drop Lens	CC	Custom Color
									HC[6]	Hook & Cord					FO	White Optical Acrylic		See Page 4 for Full Range of Color Options (83-90081)
									NM2[7/8]	½" NPT Hub					PP	Prismatic Polycarbonate		
									NM3[7/8]	¾" NPT Hub					PC	Clear Polycarbonate		

EXAMPLE: PRDDH16LEDLX130L35KEX/CD36/PR16/BC16FO/MW

NOTES:
1 Nominal Source Lumens at 35K   2 100L Available in 40K Only   3 Contact Factory for Additional Options   4 See Product Options Page For Details   5 See Mounting Page for Details on Components and Finishes
6 Specify Length in Inches: See Mounting Page for Available Lengths   7 Mounting Supplied by Others   8 12" Leads Unless Specified   9 See Color Page for More Options / Consult Factory for Special Finishes   10 Standard Finishes

SPECTRUM LIGHTING INC.

PROJECT:
TYPE:

DLC DLC LISTED · ETL INTERTEK LISTED · 5 YEAR WARRANTY · MADE IN THE USA

Dimensions and values shown are nominal. Spectrum Lighting continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

16" PRISMATIC

DDH SERIES / FIXTURE OPTIONS

STANDARD FINISHES

MW
MATTE WHITE

MB
MATTE BLACK

PT
PLATINUM SILVER

MOUNTING TYPES

HM / AT / PM
HANG STRAIGHT / ALL THREAD / PENDANT
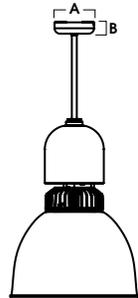
A	B
5.0	1.5
127.0 mm	38.1 mm

CD
CORD / CABLE MOUNT
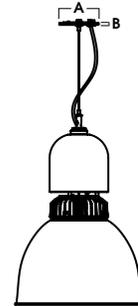
A	B
5.0	.25
127.0 mm	6.35 mm

HC
HOOK CORD
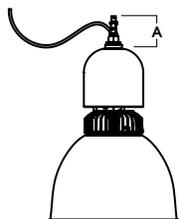
| A |
|---|
| 4.0 |
| 101.6 mm |

NM
NO MOUNT
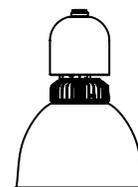
MOUNTING & ACCESSORIES

SOME OPTIONS NOT AVAILABLE ON ALL FIXTURES, CONSULT SPECIFICATION SHEETS. SEE INDIVIDUAL SPECIFICATION SHEETS OR CONSULT FACTORY FOR ADDITIONAL INFORMATION.
NOTE: THIS IS TYPICAL OF LUMEN MAX SPECIFICATION FOR PENDANT MOUNTING. INDIVIDUAL FIXTURES OR PROJECTS MAY HAVE SPECIALIZED REQUIREMENTS.

LUMEN MAX
HIGH BAY LUMINAIRES

MOUNTING TYPES

HM*
HANG STRAIGHT
45° SWIVEL 5/8" OD STEM - 3/8" IP

45°

ORDER: **HM** (Length)
SPECIFY LENGTH:
HM3 - 3"   **HM24** - 24"
HM6 - 6"   **HM36** - 36"
HM12 - 12"   **HM48** - 48"
HM18 - 18"   **HM72** - 72"
HMLC(XX)
Custom Length
(Specify in Inches)

PM*
RIDGID PENDANT MOUNT
RIGID 5/8" OD STEM - 3/8" IP

0°

ORDER: **PM** (Length)
SPECIFY LENGTH:
PM3 - 3"   **PM24** - 24"
PM6 - 6"   **PM36** - 36"
PM12 - 12"   **PM48** - 48"
PM18 - 18"   **PM72** - 72"
PMLC(XX)
Custom Length
(Specify in Inches)

AT**
HANG STRAIGHT ALL THREAD
45° SWIVEL 5/8" OD STEM - 1/4" IP

FIELD
CUTABLE

45°
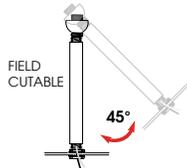
ORDER: **AT** (Length)
SPECIFY LENGTH:
AT12 - 12"
AT24 - 24"
AT36 - 36"

FIELD CUT THREADED PIPE TO LENGTH NEEDED

CUT "PIPE COVER" 3/4" SHORTER THAN THREADED PIPE

SLIP "PIPE COVER" OVER THREADED PIPE
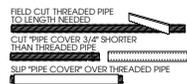
CD
CORD / CABLE MOUNT
SJ CORD WITH 1/16 SS CABLE

ADJUST
AND
LOCKS

ORDER: **CD** (Length)
SPECIFY LENGTH:
CD36 - 36"
CD72 - 72"
CD144 - 144"
CDLC(XX)
Custom Length
(Specify in Inches)

HC
HOOK & CORD
FOR INDEPENDENT MOUNTING
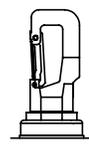
ORDER: **HC**

*MAXIMUM ONE PIECE STEM LENGTH IS 72". **MAXIMUM ONE PIECE STEM LENGTH IS 36".
LONGER LENGTHS ARE POSSIBLE USING MULTIPLE STEMS AND COUPLERS.

SAFETY CABLE OPTIONS

SC1 - SAFETY CABLE

1/16" stainless steel safety cable for added support. Standard kit is 18" and double barrel locks are provided. Approved for California seismic requirements.
Rated at 50 lbs.

SC2 - SAFETY CABLE

1/16" Stainless steel cable holds door to fixture
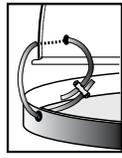
COLOR OPTIONS - POWDER COAT PAINT FINISHES

NOTE: NO PRINTED IMAGE CAN EQUAL THE EXACT COLOR OF FINISH ON METAL.
SEE INDIVIDUAL SPECIFICATION SHEETS OR CONSULT FACTORY FOR ADDITIONAL INFORMATION.

SPECTRUM
POWDER COAT COLORS

STANDARD CORD / STEM / CANOPY FINISHES

FIXTURE COLOR	STANDARD CORD COLOR	STANDARD CANOPY / STEM COLOR
Matte White, Textured White	Matte White	Matte White
Gloss White	Matte White	Gloss White
Matte Black, Gloss Black, Textured Black	Matte Black	Matte Black
All Others	Matte Black	Same Color as Fixture
Custom Color	Contact Factory	Contact Factory

PAINT TIMES

TIER	COST	AVERAGE PAINT TIME*
Tier 1 - Standard Finishes	$	⏱
Tier 2 - Typical Finishes	$$	⏱⏱
Custom Color	Contact Factory	Contact Factory

*CONTACT FACTORY FOR SPECIFIC PRODUCT LEAD TIMES

TIER 1 - STANDARD FINISHES

MW Matte White | **GW** Gloss White | **PT** Platinum Silver | **MB** Matte Black | **GB** Gloss Black | **BZ** Bronze

TIER 2 - TYPICAL FINISHES

TW Textured White | **TB** Textured Black | **MT*** Textured Silver | **OB*** Oil Rubbed Bronze | **SN** Sun Gold | **CO** Copper Metallic | **BR** Brecchia | **GH** Graphite | **CH** Charcoal | **AL** Almond | **VE** Verde Green

BL Blue Streak | **RD** Red Baron | **OR** Orange | **CM** Camel | **PL** Purple | **PG** Pub Green | **TQ** Turquoise | **SF** Sea Foam | **PK** Pink | **AY** Aero Yellow | **EG** Evergreen

LG Lime Green | **LB** Light Blue | **BY** Burgundy | **AK** Anodic Black | **AM** Anodic Malachite | **AZ** Anodic Bronze | **AS** Anodic Sapphire | **AN** Anodic Natural | **AC** Anodic Champagne

CUSTOM COLOR FINISHES

CONTACT FACTORY

CC Custom Color

CC

*UNAVAILABLE FOR WET LOCATION

SPECTRUM LIGHTING INC.

83-90081_RA