

VN43Q DuraLED 12" x 12" Large Shallow Canopy



Project Information	
Project Name:	Fixture Type:
Complete Catalog #:	Date:
Comments:	

The DuraGuard VN43Q 12x12 Large Shallow Canopy luminaire is available for surface or pendant mounting configurations with an optical distribution designed specifically to replace HID lighting systems up to 175w MH or HPS. Typical lighting applications include retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting heights of 12 to 20 feet can be used based on light level and uniformity requirements.

SPECIFICATIONS AND FEATURES:

HOUSING:

Die Cast Aluminum Housing, 1/2" Coin Plugs with O-rings for Conduit & Photocell on Two Sides & Back, Nickel-Plated Stainless Steel Hardware.

FINISH:

Textured Architectural Bronze Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

LENS:

Low-Profile LexaLite Clear Acrylic Prismatic Lens

MOUNTING OPTIONS:

Mount Directly Over a 4" Recessed Outlet Box, or Use 1/2" Surface Conduit or Quick-Mount Bracket.

DURALED LED:

Aluminum Boards

WATTAGE:

Array: 45.4w, System: 52.6w (175w HID Equivalent)

DRIVER:

Electronic Driver, 120-277V, 50/60Hz or 347/480V, 50/60Hz; Dimmable Driver

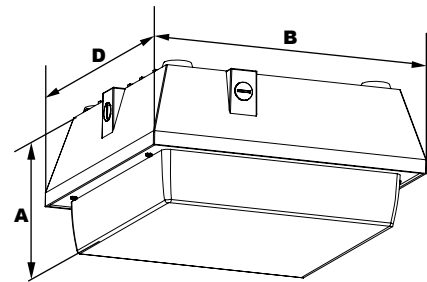
LISTING & RATINGS:

CSA: Listed for Wet Locations. (Damp Locations When Used with VNQM) Operating Temperatures: -40°C to +40°C IP65 Sealed LED Compartment.

LM-79 Report Available on Select Models.

See Page 2 for Projected Lumen Maintenance Table.

5-Year Warranty.



Dimensions

Width (D)	12 3/8" (314mm)
Length (B)	12 3/8" (314mm)
Height (A)	6" (152mm)

DuraLED TECHNOLOGY

Complete Units
Ordering Information
Example: VN43QF1X45U5KZSP

VN43Q DuraLED 12" x 12" Large Shallow Canopy

VN43Q	F	1X45				
Model	Optics	Wattage	Driver	CCT	Color	Options
VN43Q= DuraLED 12"x12" Large Shallow Canopy	F=Type V	1X45=45w	U=120-277V H=347/480V	4K=4000K 5K=5000K	Z=Bronze W=White C=Custom (Consult Factory)	SF=Single Fuse DF=Double Fuse SP=Surge Protection PC1=Photocell, 120VAC PC2=Photocell, 240-277VAC QM=Quick Mount/Pendant Mount BU=Battery Backup, 90 Minutes



DesignLights Consortium™
Qualified Luminaires:
VN43QF1X45U5K*



Specifications subject to change without notice.

VN43Q DuraLED 12" x 12" Large Shallow Canopy



VN43AC

QM



3EBL1202774500

Replacement Parts (Order separately, Field installed)

VN43AC	Low-Profile LexaLite Clear Acrylic Lens
QM	Hinged Quick-Mount Bracket, Stamped Steel, Mount Over Recessed Electrical Box, or Use 3/4" NPS Downrod for Pendant Mounting. CSA Listed for Damp Location Mounting.
PC1	120VAC, Photocell
PC2	240-277VAC, Photocell
3EBL1202774500	Battery Backup, Provides 90 Minutes of Backup Power.

PHOTOMETRIC PERFORMANCE

LED Board Watts	Drive Current (mA)	Input Watts	Optics	5000 CCT 80 CRI				4000 CCT 80 CRI					
				Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
DuraLED 45w	117	53	Type V	5,427	102	2	3	2	5,210	98	2	3	2

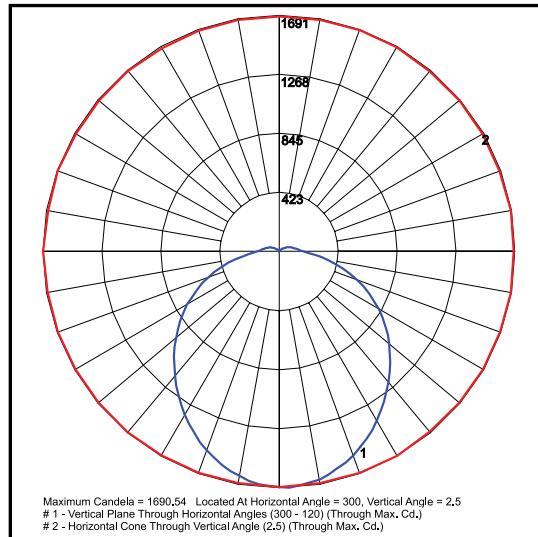
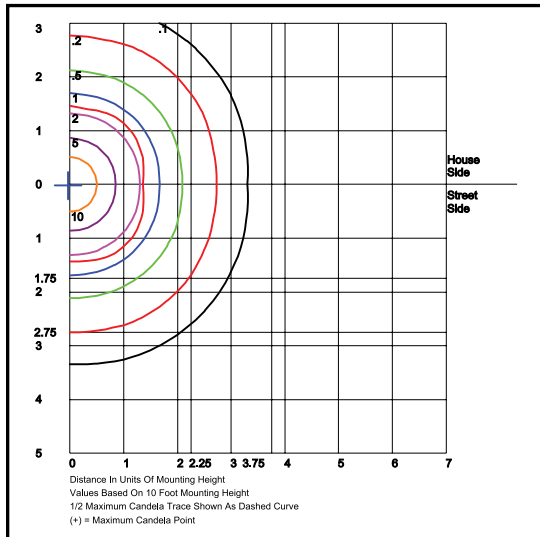
PROJECTED LUMEN MAINTENANCE

Data shown for 5000 CCT		Compare to MH				
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 25°C
L70 Lumen Maintenance @ 25°C / 77°F	53	1.00	0.96	0.92	0.83	177,000
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 50°C
L70 Lumen Maintenance @ 50°C / 122°F	53	1.00	0.93	0.85	0.71	102,000
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L80@ 40°C
L80 Lumen Maintenance @ 40°C / 104°F	53	1.00	0.94	0.87	0.74	78,000

NOTES:

1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 117mA base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.
2. Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.

PHOTOMETRIC DATA



VN43QF1X45U5K
Type V

Grid in MH
MH=10 Feet

VN43QF1X45U5K
Type V

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