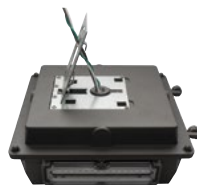


VG40

EasyLED Garage Square



L70
25°C **138,000 Hours**



Easy Hang Mount (NM)



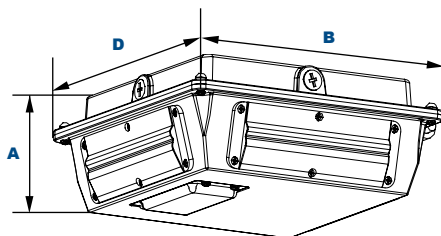
Trunnion (T)



Pendant (P)

Dimensions

Width (D)	11" (280mm)
Length (B)	11" (280mm)
Height 1 (A)	4½" (117mm)
Height with Bracket (A)	5" (125mm)



The Jemm VG40 garage square luminaire with optional integral sensor is available in three wattages with an optical distribution designed to replace HID lighting systems up to 175w MH or HPS. Typical parking garage applications include retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting heights of 8 to 16 feet can be used based on light level and uniformity requirements.

Specifications and Features:

Housing:

Die Cast Aluminum Housing, ½" Coin Plugs with O-rings for Conduit or External Sensor. Built-in Sensor Housing with Color-Matched UV-Stabilized Polycarbonate Cover.

Listing & Ratings:

CSA: Listed for Wet Locations, ANSI/UL 1598, 8750.
IP66 Sealed LED Compartment.

Finish:

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

Lens:

Molded UV-Stabilized Polycarbonate Lens Optically Designed for Garage Lighting Applications.

Mounting Options:

Surface Mount Model (NM) Includes Easy-Hang Bracket Allowing One-Person Installation, Fits Standard 4" Electrical Box. Adjustable Height Trunnion (T) and Pendant (PA) Models are Shipped Ready For Field Installation of the Mount. Mounts are Shipped in a Separate Carton.

EasyLED LED:

Aluminum Boards

Wattage:

40w Array: 37w, System: 40w; (Up to 100w HID Equivalent)
60w Array: 53w, System: 60w; (Up to 175w HID Equivalent)
84w Array: 74w, System: 84w; (Up to 175w HID Equivalent)

Driver:

Electronic Driver, 120-277V, 50/60Hz or 347-480V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 6kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

Controls:

Fixtures Ordered with Factory-Installed Photocell or Motion Sensor Controls are Internally Wired for Switching and/or 1-10V Dimming Within the Housing. Remote Direct Wired Interface of 1-10V Dimming is Not Implied and May Not Be Available, Please Consult Factory. Fixtures are Tested with LEPC Controls and May Not Function Properly With Controls Supplied By Others. Fixtures are NOT Designed for Use with Line Voltage Dimmers.

Warranty:

5-Year Warranty for -40°C to +50°C Environment.

See Page 2 for Projected Lumen Maintenance Table.

Order Information Example: VG40F1X84U4KZPAS2

VG40	F			4K			
Model	Optics	Wattage	Driver	CCT	Color	Mounting	Options
VG40= LED Garage Square	F=Type VS	40=40w 60=60w 84=84w	U=120-277V H=347-480V	4K=4000K	Z=Bronze C=Custom (Consult Factory)	NM=Easy-Hang Bracket Only T=Trunnion* PA=Pendant* *Mounting Shipped Separately	SF=Single Fuse (120-277V Only) DF=Double Fuse (120-277V Only) SP=Surge Protection S2=Microwave Sensor with Dimming for Mounting Heights of 8 to 40'. (120-277V Only) S4=Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19'. (120-277V Only) BU=Battery Backup, 90 Minutes

Project Information:

Project Name: _____ Fixture Type: _____

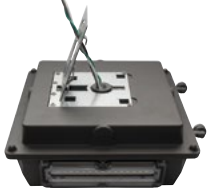
Complete Catalog #: _____ Date: _____

Comments: _____

Certification & Listings:



Mounting Options:



VG40 w/ Easy-Hang Bracket (NM)

Stamped Steel 2-Piece Bracket Allows One-Person Installation. Mounts Directly to Standard 4" Electrical Box



VG40 w/ Adjustable Trunnion Mount (T)

Stamped Steel Height Adjustable Trunnion, Powdercoat Finish, Includes Hardware



VG40 w/ Pendant Mount (PA)

Includes Top and Bottom Covers, Brackets, and 3/4" Diameter, 15" Long Downrod, Powdercoat Finish, Includes Hardware.

Accessories & Replacement Parts:



P17117



P17123

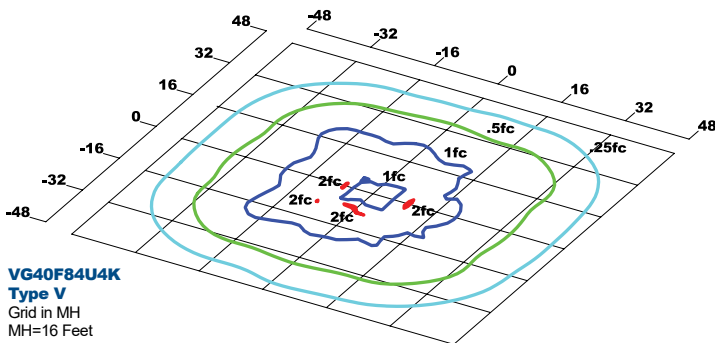
Replacement Parts (Order Separately, Field Installed)

P17117 Internal Microwave Sensor with Dimming for Mounting Heights of 8 to 40'. 120-277VAC, 50/60Hz

P17123 Internally Mounted Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19', 120-277VAC, 50/60Hz

For Replacement Battery Backup, see the LEPG LED Battery Backup Specification Sheet.

Photometric Data



Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optics	4000 CCT 80 CRI				
				Lumens	LPW	B	U	G
EasyLED 37w	350	40	Type V	4,836	121	2	4	3
EasyLED 53w	500	60		7,255	121	3	5	3
EasyLED 74w	700	84		10,158	121	3	5	4

Projected Lumen Maintenance

Data shown for 4000 CCT			Compare to MH			
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated LED Life
Lumen Maintenance L70 @ 25°C / 77°F	All wattages up to and including 84w	1.00	0.95	0.89	0.78	138,000
Lumen Maintenance L70 @ 50°C / 122°F		1.00	0.86	0.72	0.43	53,000
Lumen Maintenance L80 @ 40°C / 104°F		1.00	0.92	0.84	0.68	62,000

NOTES:

1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 500mA 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.



Parking Garage Solutions

EasyLED Garage Square, VG40

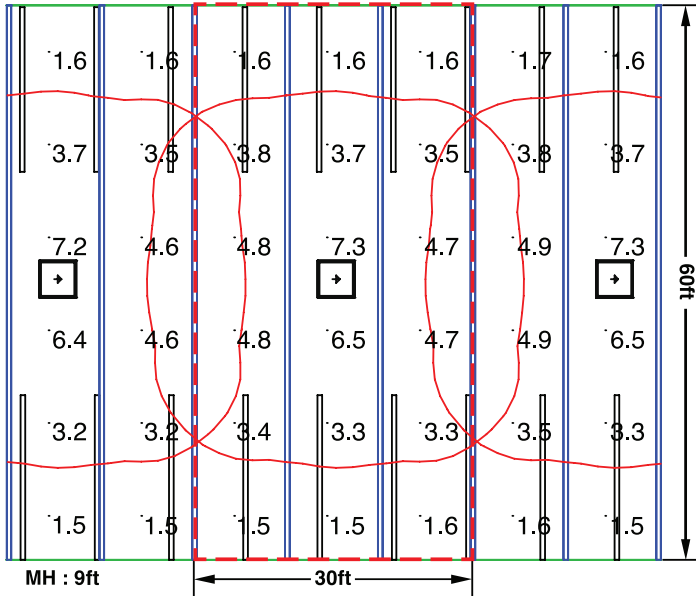
Highly Uniform Performance Optics



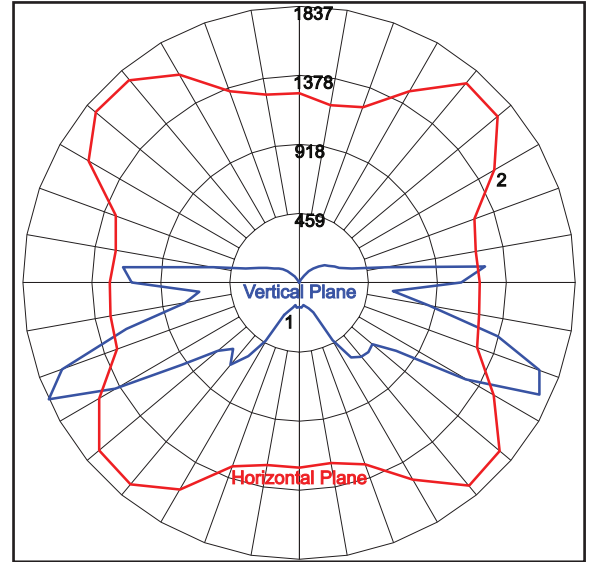
TYPICAL GARAGE LAYOUT

30ft X 60ft Bay; 9ft Mounting Height

PLAN VIEW

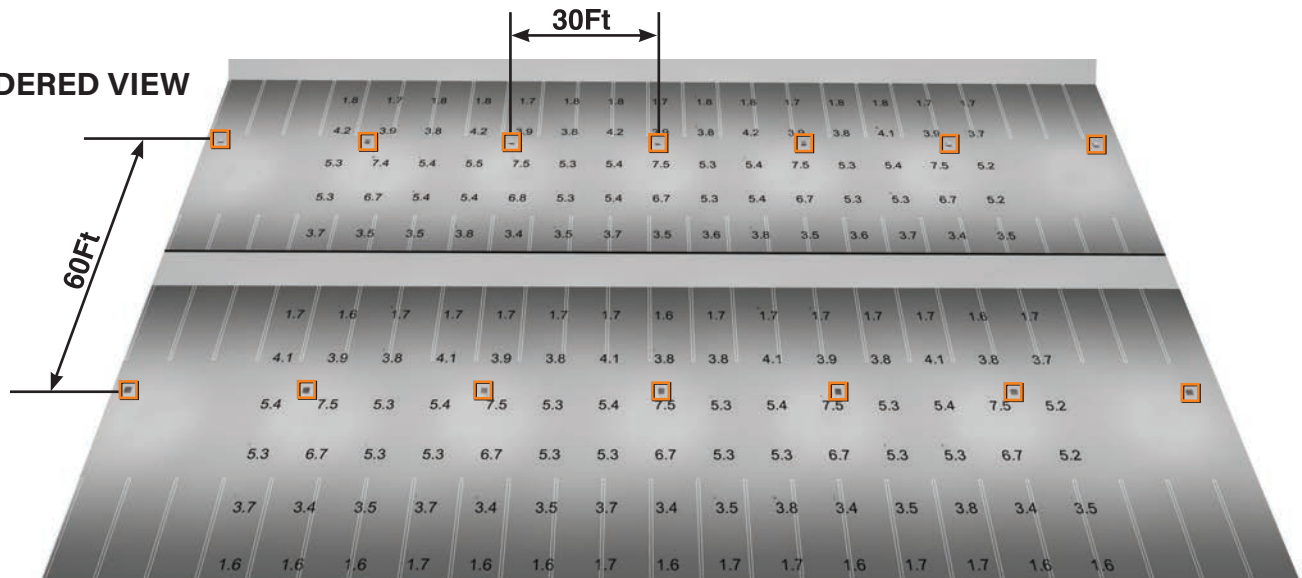


POLAR GRAPH



- Horizontal Max Candela above normal viewing angle when driving.
- Square Type 5 pattern creates better uniformity.

RENDERED VIEW



VG40F60 3.0 FTC AVG, 7.3 FTC MAX, 1.5 FTC MIN, 2.3:1 AVG/MIN, 4.9:1 MAX/MIN

Exceeds IES RP-20-98 of 1.0 FTC MIN and MAX/MIN of 10:1