

JSD-VP SERIES

VAPOR TIGHT

PRODUCT DESCRIPTION

The **JSD-VP Vapor Tight Light Series** are designed to save energy while tackling demanding applications with superior light distribution. They can be widely used in indoor or outdoor lighting (wet location). Excellent for supermarkets, farms, warehouses, shopping malls, parking garages and many more applications.

STANDARD FEATURES

Construction and Materials

- High Quality Polycarbonate Housing and Diffused Lens

Optical System

- 118° Light Distribution

Electrical System

- Input Power: 25W / 45W
- Input Voltage: 120-277VAC
- Efficacy: 140 lm/W on average
- Power Factor: >0.90
- CRI: >80
- Operating Temp: -30°C to 45°C (-22°F to 113°F)
- Total Harmonic Distortion: <15%
- Integral Surge Protection: L/N-PE: 2kV, L-N: 2kV

Dimming and Controls

- 0-10V Continuous Dimming Standard

Certifications and Compliance

- UL Listed
- Ingress Protection: IP66 Rated for Wet Locations
- IK09 Impact Resistant Rated
- RoHS compliant.
- Meets FCC Part 15, Subpart B, Class A limits for conducted and radiated Emissions
- **Lifetime Based on TM21:** L70 > 139,000 / L80 > 121,000 / L90 > 109,000 Hrs

OPTIONAL CONTROLS

- Emergency Battery Backup 8W or 15W Option
- Remote Controlled Bi-Level Microwave Occupancy/Motion Sensor



- **Microwave Frequency:** 5.8 GHz ±75MHz
- **Mounting Height:** 13Ft (4M) max
- **Detection Range:** 13-23FT (4-7M) & 10FT (3M) Mounting Height
- **Detection Angle:** 150°
- **Size:** 7.60" x 1.02" x 0.87"

PERFORMANCE SUMMARY

Input Power:	25W / 45W
Finish Color Options:	Gray
Nominal Efficacy:	140 lm/W max
CCT:	4000K / 5000K
CRI Options:	>80
Input Voltage:	120-277VAC
Ingress Protection:	IP66 Rated for Wet Locations
Lifetime Based on TM21:	L70 > 139,000 Hrs / L80 > 121,000 Hrs L90 > 109,000 Hrs
Warranty:	10 Years Limited

PRODUCT DIMENSIONS

Product	Length	Width	Height
JSD-VP-2-25W	23.62"	4.72"	3.15"
JSD-VP-4-45W	47.24"	4.72"	3.15"



PRODUCT APPLICATIONS



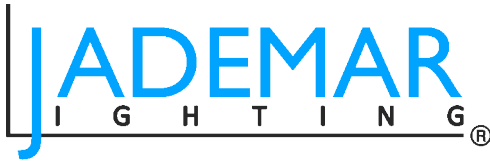
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Information contained herein is subject to change without notice.

Values are nominal.

Revised 05/2022



SPECIFICATION SUBMITTAL DETAIL

Project Name/Type:		Date:
Catalog/Part #:		

JSD-VP GAS STATION VAPOR TIGHT LIGHT SERIES

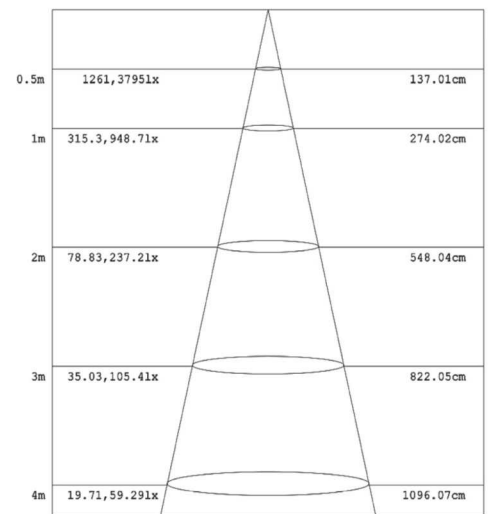
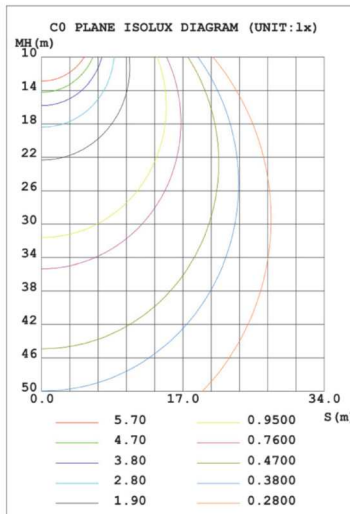
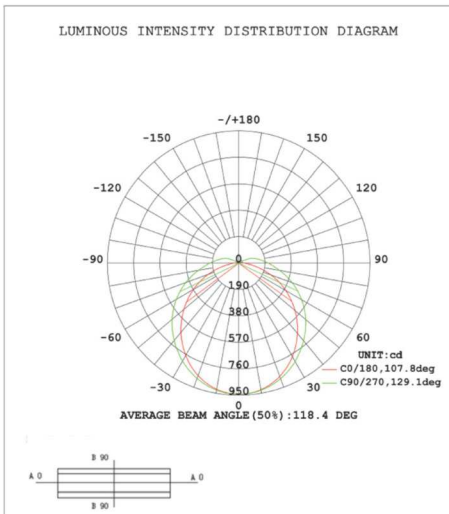
Ordering Information / Example: **JSD-VP-2-25W-50K-BMW-WH-EM8**

Product Series	Input Voltage	CCT	Dimming	Controls	Housing Color	Emergency Options
JSD-VP-2-25W JSP-VP-4-25W	Blank (120-277VAC) Standard	40K (4000K) 50K (5000K)	Blank (0-10V Dimming) Standard	BMW (Bi-Level Integral Microwave Occupancy Sensor)	GR (Gray)	EM8 (8W EM Pack - 720 lm) EM15 (15W EM Pack - 1,350 lm)

LUMEN PERFORMANCE AND ELECTRICAL DATA

Model Numbers	JSD-VP-2-25W	JSD-VP-4-45W
Max Dimensions	25.4" x 7.3" x 6.5"	49.2" x 7.3" x 6.5"
Nominal Wattage	25W	45W
Lumen Output (lm)	3,550	6,390
Weight	3.8 lbs.	6.5 lbs.
Average Efficacy (lm/W)	140	
Light Distribution	118°	
Power Factor	>0.90	
CCT	4000K / 5000K	
Input Voltage	120-277VAC	
THD	<15%	
CRI	>70 Standard	
Dimming & Controls	0-10V Dimming - Motion Sensor Optional	
Ambient Temperature	-30°C ~ 45°C (-22°F ~ 113°F)	
Ingress Protection	IP66 Rated for Wet Locations	
Certifications & Compliance	cULus Listed / FCC / RoHS / IK09 Impact Resistant	
Lifetime	L70 > 139,000 Hrs / L80 > 121,000 Hrs L90 > 109,000 Hrs	
Limited Warranty	10 Years	

PHOTOMETRICS



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