

LED LOOD AND CANOPY FULL FIXTURE OR RETROKIT



Inside

Fits
Grandlite® SM012,
QSSI™ VN41 or
SMART Electric™
VRC12 Series



Specifications

Item	Specification
Input Voltage	120-277V, 50/60 Hz
Fixture CRI	75
Fixture Color Temperature	4660
Fixture Lumens	2329
Fixture Efficacy	92.9 lumen per watt
Lumen Maintenance	≥70% @ 5 years
Zonal Lumen Requirements	0-40°; ≥40% 40-70°; ≥40%
Warranty	5 years*
LED Quantity (Brand: Cree XP-G2)	20
LED TMP Temperature @ 25°C	52.9°C
Input Power	25W
Driver Efficiency	75%
Power Factor @ 277V	0.967
THD @ 277V	2.2%
Driver TMP @ 25°C ambient	51.8°C
Noise	<24dB
EMI	FCC part 15
Max Operating Temperature	45°C Ambient
Min Operation Temperature	-40°C Ambient
LED Retrofit Kit Dimensions/Weight	3.25"H X 12"W X 11"D / 3 lbs.



LED Retrofit Kit vs. Standard HID Lights					
Wall Pack Light Source	Input Wattage	Lifespan Hrs/Yrs	Energy Use (24hrs/day) Annual	Annual Cost (maintenance + electricity) @ \$0.11/kWh	Electrical Cost Savings
HID	165	24,000/2.7	1446 kWh	\$159.00	
LED	25	50,000/5.7	219 kWh	\$24.09	85%



Inside

Fits
Grandlite® AR816
or QSSI™ FL70F



Specifications

Item	Specification
Input Voltage	120-277V, 50/60 Hz
Fixture CRI	74
Fixture Color Temperature	4890K
Fixture Lumens	7973
Fixture Efficacy	87.5 lumen per watt
Lumen Maintenance	≥85% @ 5 years
Zonal Lumen Requirements	0-90°; =100% 80-90°; ≤10%
Warranty	5 years*
LED Quantity (Brand: Cree XP-G2)	40
LED TMP Temperature @ 25°C	86.7°C
Input Power	91W
Driver Efficiency	83%
Power Factor @ 277V	0.93
THD @ 277V	6.5%
Driver TMP @ 25°C ambient	66.4°C
Noise	<24dB
EMI	FCC part 15
Max Operating Temperature	45°C Ambient
Min Operation Temperature	-40°C Ambient
LED Retrofit Kit Dimensions/	17" H X 16.5" W X 17.0" D



LED Retrofit Kit vs. Standard HID Lights					
Wall Pack Light Source	Input Wattage	Lifespan Hrs/Yrs	Energy Use (24hrs/day) Annual	Annual Cost (maintenance + electricity) @ \$0.11/kWh	Electrical Cost Savings
HID	250	24,000/2.7	2190 kWh	\$240.90	
LED	91	50,000/5.7	799 kWh	\$87.60	64%

