

POWER AND LUMENS

| Light Engine | M-A0385 | M-A03 | M-A0485 | M-A04 | |
|--------------------|------------|----------|----------|----------|----------|
| Power (Watts) | 152 | 182 | 210 | 247 | |
| Current (a) @ 120V | 1.41 | 1.69 | 1.95 | 2.29 | |
| Current (a) @ 277V | 0.61 | 0.74 | 0.85 | 1.00 | |
| Power (Watts) | 167 | 197 | 211 | 255 | |
| Current (a) @ 347V | 0.49 | 0.58 | 0.62 | 0.75 | |
| Current (a) @ 480V | 0.36 | 0.41 | 0.45 | 0.54 | |
| Optics | | | | | |
| Type II | Lumens | 19,571 | 22,456 | 26,419 | 29,829 |
| | BUG Rating | B3-U0-G3 | B3-U0-G3 | B3-U0-G3 | B3-U0-G4 |
| Type III | Lumens | 19,380 | 22,236 | 26,161 | 29,537 |
| | BUG Rating | B3-U0-G3 | B3-U0-G3 | B3-U0-G4 | B3-U0-G4 |
| Type IV | Lumens | 19,377 | 22,233 | 26,157 | 29,533 |
| | BUG Rating | B3-U0-G4 | B3-U0-G4 | B3-U0-G5 | B3-U0-G5 |
| Type V | Lumens | 19,690 | 22,592 | 26,579 | 30,010 |
| | BUG Rating | B5-U0-G4 | B5-U0-G4 | B5-U0-G4 | B5-U0-G5 |

NOTE: Lumen output for AP Grey fixture color, 120-277V.

LUMEN MAINTENANCE

| M-A03, M-A0385, M-A04, M-A485 | | |
|-------------------------------|--|-------------------------|
| Ambient Temperature | TM-21 Lumen Maintenance (60,000 hours) | Theoretical L70 (Hours) |
| 25°C | >92% | >259,000 |
| 40°C | >92% | >259,000 |

* A01 Not available in 347V or 480V.

LUMEN MULTIPLIER

| Ambient Temperature | Lumen Multiplier |
|---------------------|------------------|
| 0°C | 1.02 |
| 10°C | 1.01 |
| 25°C | 1.00 |
| 40°C | 0.99 |
| 50°C | 0.97 |

ORDERING INFORMATION

Sample Number: VERD-M-A04-D-U-T2-4N7-AP

| Product Family ^{1,2} | Light Engine ³ | Driver ⁴ | Voltage | Distribution |
|--|--|---|---|--|
| VERD=Verdeon | M-A03=3 LEDs, Full Output M-A0385=3 LEDs, Approximately 85% Output M-A04=4 LEDs, Full Output M-A0485=4 LEDs, Approximately 85% Output | E=Non-Dimming D=Dimming (0-10V) 5LTD=DALI | U=Universal (120-277V) 8=480V ⁵ 9=347V | T2=Type II T3=Type III T4=Type IV T5=Type V |
| Options (Add as Suffix) | | | Color ¹³ | Accessories (Order Separately) |
| 7030=70 CRI / 3000K CCT ⁶ 7050=70 CRI / 5000K CCT ⁶ 4=NEMA Twistlock Photocontrol Receptacle 4N7=NEMA 7-PIN Twistlock Photocontrol Receptacle ⁷ 10K=10kV UL 1449 Surge Protective Device 10MSP=10kV MOV Surge Protective Device IP66=IP66 Rated Housing HA=50°C High Ambient Temperature ⁸ MS/DIM-L08=Motion Sensor for Dimming Operation, Maximum 8' Mounting Height ^{7,9,10} MS/DIM-L20=Motion Sensor for Dimming Operation, Maximum 9' - 20' Mounting Height ^{7,9,10} MS/DIM-L40=Motion Sensor for Dimming Operation, Maximum 21' - 40' Mounting Height ^{7,9,10} LWR-LN=Factory Installed LumaWatt RF Dimming Control System (Mounting Height 16' and Up) ^{10,11} LWR-LW=Factory Installed LumaWatt RF Dimming Control System (Mounting Height below 16') ^{10,11} K=Level Indicator A15=Arm Included (15" Straight Arm) ¹² HSS=House Side Shield ¹⁵ | | | AP=Grey (Standard) BZ=Bronze BK=Black DP=Dark Platinum GM=Graphite Metallic WH=White | OA1223=10kV UL 1449 Surge Module Replacement OA/RA1013=Photocontrol Shorting Cap OA/RA1014=NEMA Photocontrol - 120V OA/RA1016=NEMA Photocontrol - Multi-Tap OA/RA1027=NEMA Photocontrol - 480V OA/RA1201=NEMA Photocontrol - 347V FSIR-100=Wireless Configuration Tool for Motion Sensor ¹⁴ HS/VERD=Verdeon House Side Shield ¹⁵ VGS-F/B=Vertical Glare Shield, Front/Back VGS-SIDE=Vertical Glare Shield, Side |

- NOTES:
- Customer is responsible for engineering analysis to confirm pole and fixture compatibility for all applications. Refer to our white paper WP513001EN for additional support information.
 - DesignLights Consortium[®] Qualified. Refer to www.designlights.org qualified products list under family model details.
 - Standard 4000K CCT and 70 CRI.
 - Consult factory for driver surge protection values.
 - Only for use with 480V Wye systems. Per NEC, not for use with ungrounded systems, impedance grounded systems or corner grounded systems (commonly known as Three Phase Three Wire Delta, Three Phase High Leg Delta and Three Phase Corner Grounded Delta systems).
 - Extended lead times apply. Use dedicated IES files for 3000K and 5000K when performing layouts. These files are published on the VERD-M Verdeon luminaire product page on the website.
 - Must specify dimming driver.
 - HA option not available for M-A04 light engines.
 - The FSIR-100 accessory is required to adjust parameters.
 - Not available with photocontrol receptacle (not required).
 - LumaWatt wireless sensors are factory installed and require network components RF-EM-1, RF-GW-1 and RF-ROUT-1 in appropriate quantities. See website for LumaWatt application information.
 - Round pole adapter and mounting hardware included. "M" drill pattern.
 - Standard photometry based on grey housing. Consult web for alternate color data.
 - This tool enables adjustment of parameters including high and low modes, sensitivity, time delay, cutoff and more. Consult your lighting representative at Eaton for more information.
 - Option will come factory-installed. Must order one per optic as an accessory. House Side Shield not suitable for T5 distribution.