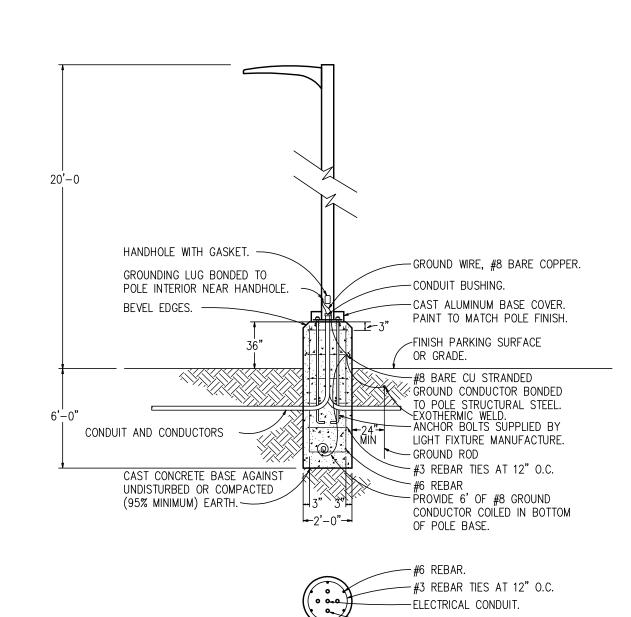


MARK	MANUFACTURER *	FIXTURE DESCRIPTION	MODEL NUMBER	MOUNTING	COLOR	LAMP			DRIVE CURRENT	Т	WATTS	
						QTY	TYPE	CODE	(QUANTITY/TYPE)	VOLTS	PER/POLE	E) NOTES
P1	McGRAW-EDISON	DARK SKY COMPLIANT AREA LIGHT FIXTURE WITH DIRECT ARM MOUNT AT 90 DEGREES AND 20FT ALUMINUM POLE WITH VIBRATION DAMPER	FIXTURE: GLEON—AF—04—LED—E1—T3	POLE	4000K	1 PER POLE	LED	_	(1) 1000mA	MVOLT	225	1–3
P2	McGRAW-EDISON	DARK SKY COMPLIANT AREA LIGHT FIXTURE WITH DIRECT ARM MOUNT AT 90 DEGREES AND 20FT ALUMINUM POLE WITH VIBRATION DAMPER	FIXTURE: GLEON-AF-02-LED-E1-SL2	POLE	4000K	1 PER POLE	LED	_	(1) 1000mA	MVOLT	113	1-3
Р3	McGRAW-EDISON	DARK SKY COMPLIANT AREA LIGHT FIXTURE WITH DIRECT ARM MOUNT AT 90 DEGREES AND 20FT ALUMINUM POLE WITH VIBRATION DAMPER	FIXTURE: GLEON-AF-03-LED-E1-SL4-BZ	POLE	4000K	1 PER POLE	LED	_	(1) 1000mA	MVOLT	166	1-3
P4	McGRAW-EDISON	DARK SKY COMPLIANT AREA LIGHT FIXTURE WITH DIRECT ARM MOUNT AT 90 DEGREES AND 20FT ALUMINUM POLE WITH VIBRATION DAMPER	FIXTURE: GLEON-AF-03-LED-E1-SL2	POLE	4000K	1 PER POLE	LED	_	(1) 1000mA	MVOLT	166	1-3
P5	McGRAW-EDISON	DARK SKY COMPLIANT AREA LIGHT FIXTURE WITH DIRECT ARM MOUNT AT 90 DEGREES, 2 FIXTURES ORIENTED AT 180 DEGREES AND 20FT ALUMINUM POLE WITH VIBRATION DAMPER	FIXTURE: 2-GLEON-AF-03-LED-E1-SL4	POLE	4000K	2 PER POLE (AT 180deg)	LED	_	(1) 1000mA (PER FIXTURE)	MVOLT	332	1–3
P6	McGRAW-EDISON	DARK SKY COMPLIANT AREA LIGHT FIXTURE WITH DIRECT ARM MOUNT AT 90 DEGREES AND 20FT ALUMINUM POLE WITH VIBRATION DAMPER	FIXTURE: GLEON—AF—03—LED—E1—SL3	POLE	4000K	1 PER POLE	LED	_	(1) 1000mA	MVOLT	166	1-3
P7	McGRAW-EDISON	DARK SKY COMPLIANT AREA LIGHT FIXTURE WITH DIRECT ARM MOUNT AT 90 DEGREES, 2 FIXTURES ORIENTED AT 180 DEGREES AND 20FT ALUMINUM POLE WITH VIBRATION DAMPER	FIXTURE: 2-GLEON-AF-03-LED-E1-SL3	POLE	4000K	2 PER POLE (AT 180deg)	LED	-	(1) 1000mA (PER FIXTURE)	MVOLT	332	1-3
P8	McGRAW-EDISON	DARK SKY COMPLIANT AREA LIGHT FIXTURE WITH DIRECT ARM MOUNT AT 90 DEGREES, 2 FIXTURES ORIENTED AT 180 DEGREES AND 20FT ALUMINUM POLE WITH VIBRATION DAMPER	FIXTURE: 2-GLEON-AF-02-LED-E1-SL2-BZ	POLE	4000K	1 PER POLE	LED	_	(1) 1000mA (PER FIXTURE)	MVOLT	226	1-3
P9	McGRAW-EDISON	DARK SKY COMPLIANT AREA LIGHT FIXTURE WITH DIRECT ARM MOUNT AT 90 DEGREES, 2 FIXTURES ORIENTED AT 180 DEGREES AND 20FT ALUMINUM POLE WITH VIBRATION DAMPER	FIXTURE: 2-GLEON-AF-04-LED-E1-SL4	POLE	4000K	1 PER POLE	LED	_	(1) 1000mA (PER FIXTURE)	MVOLT	450	1-3
P10	McGRAW-EDISON	DARK SKY COMPLIANT AREA LIGHT FIXTURE WITH DIRECT ARM MOUNT AT 90 DEGREES AND 20FT ALUMINUM POLE WITH VIBRATION DAMPER	FIXTURE: GLEON—AF—02—LED—E1—SL4	POLE	4000K	1 PER POLE	LED	_	(1) 1000mA	MVOLT	113	1-3
P11	McGRAW-EDISON	DARK SKY COMPLIANT AREA LIGHT FIXTURE WITH DIRECT ARM MOUNT AT 90 DEGREES AND 20FT ALUMINUM POLE WITH VIBRATION DAMPER	FIXTURE: GLEON—AF—03—LED—E1—T4FT	POLE	4000K	1 PER POLE	LED	_	(1) 1000mA	MVOLT	166	1-3
P12	McGRAW-EDISON	DARK SKY COMPLIANT AREA LIGHT FIXTURE WITH DIRECT ARM MOUNT AT 90 DEGREES AND 20FT ALUMINUM POLE WITH VIBRATION DAMPER	FIXTURE: GLEON-AF-02-LED-E1-SL3	POLE	4000K	1 PER POLE	LED	_	(1) 1000mA	MVOLT	113	1-3
W1	McGRAW-EDISON	DARK SKY COMPLIANT AREA LIGHT FIXTURE, WITH WALL MOUNT AT 90 DEGREES AND 15FT MOUNTING HEIGHT.	FIXTURE: GWC-AF-02-LED-E1-T3	WALL	4000K	1	LED	_	(1) 1000mA	MVOLT	113	1-3
W2	McGRAW-EDISON	DARK SKY COMPLIANT AREA LIGHT FIXTURE, WITH WALL MOUNT AT 90 DEGREES AND 15FT MOUNTING HEIGHT.	FIXTURE: GWC-AF-02-LED-E1-T4FT	WALL	4000K	1	LED	_	(1) 1000mA	MVOLT	113	1–3

CONTRACTOR SHALL COORDINATE FINAL FIXTURE/POLE COLORS WITH OWNER.
 CONTRACTOR SHALL PROVIDE SQUARE POLE PER INFORMATION PROVIDED IN SCHEDULE.

S) CONTRACTOR SHALL COORDINATE SITE LIGHTING FIXTURE VOLTAGE WITH FINAL DESIGN PACKAGE.

* OR PRIOR APPROVED EQUAL





— ANCHOR BOLTS BY LIGHT FIXTURE MANUFACTURE.



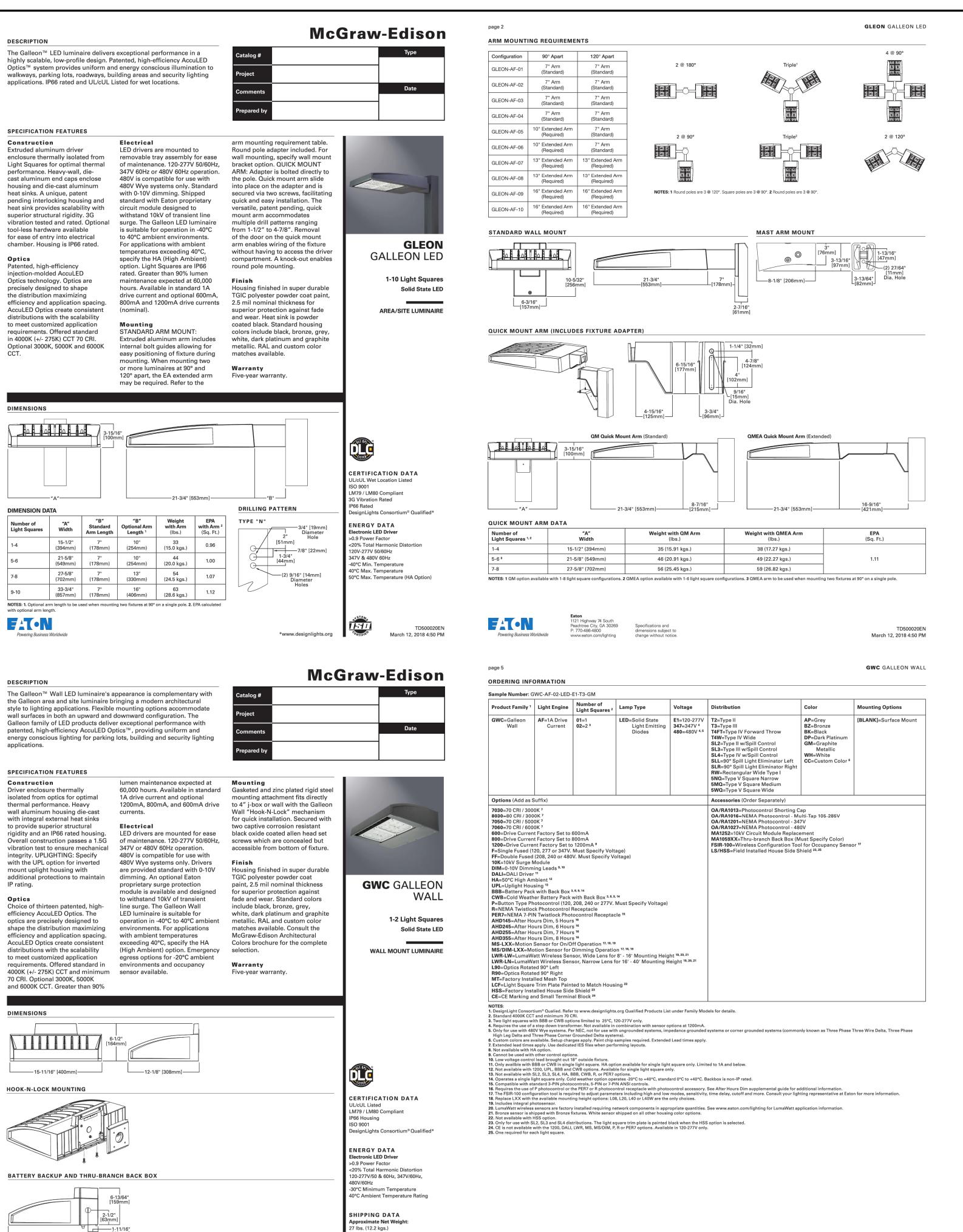
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5419-1 - SL100 SHEET 16-5419-1

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STREETS OF WEST PRYOR
NWQ PRYOR ROAD & LOWENSTEIN DRIVE
LEE'S SUMMIT, MISSOURI PRELIMINARY DEVELOPMENT PLAN GRADING PLAN



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GLEON GALLEON LED page 9 ORDERING INFORMATION Sample Number: GLEON-AF-04-LED-E1-T3-GM-QM Number of Light Engine GLEON=Galleon | AF=1A Drive | 01=1 | LED=Solid State | E1=120-277V | T2=Type II [Blank]=Arm for Round or Square Pole EA=Extended Arm⁹ Light Emitting Diodes 347=347V7 T2R=Type II Roadway T3=Type III
T3R=Type III Roadway DP=Dark Platinun MA=Mast Arm Adapter 10 WM=Wall Mount
QM=Quick Mount Arm T4FT=Type IV Forward Throw T4W=Type IV Wide 5NQ=Type V Narrow 5MQ=Type V Square Medium (Standard Length) 11 **QMEA**=Quick Mount Arm WH=White **5WQ**=Type V Square Wide (Extended Length) 1 SL3=Type III w/Spill Control SL4=Type IV w/Spill Control SLL=90° Spill Light Eliminator Lef SLR=90° Spill Light Eliminator Righ RW=Rectangular Wide Type I AFL=Automotive Frontline Options (Add as Suffix) Accessories (Order Separately) 7030=70 CRI 3000K 13 OA/RA1016=NEMA Photocontrol Multi-Tap - 105-285V 8030=80 CRI 3000K 14 OA/RA1027=NEMA Photocontrol - 480V OA/RA1201=NEMA Photocontrol - 347V 7060=70 CRI 6000K 13 OA/RA1013=Photocontrol Shorting Cap 600=Drive Current Factory Set to Nominal 600mA ¹⁵ 800=Drive Current Factory Set to Nominal 800mA ¹⁵ OA/RA1014=120V Photocontrol
MA1252=10kV Surge Module Replacement MA1036-XX=Single Tenon Adapter for 2-3/8" O.D. Tenon MA1037-XX=2@180° Tenon Adapter for 2-3/8" O.D. Tenon 1200=Drive Current Factory Set to Nominal 1200mA 15, 16 F=Single Fuse (120, 277 or 347V. Must Specify Voltage) FF=Double Fuse (208, 240 or 480V. Must Specify Voltage) MA1197-XX=3@120° Tenon Adapter for 2-3/8" O.D. Tenon 2L=Two Circuits ^{17, 18}
DIM=External 0-10V Dimming Leads ^{19, 20} MA1188-XX=4@90° Tenon Adapter for 2-3/8" O.D. Tenon MA1189-XX=2@90° Tenon Adapter for 2-3/8" O.D. Tenon P=Button Type Photocontrol (120, 208, 240 or 277V. Must Specify Volatage) ²¹ PER7=NEMA 7-PIN Twistlock Photocontrol Receptacle ²¹ MA1190-XX=3@90° Tenon Adapter for 2-3/8" O.D. Tenon MA1191-XX=2@120° Tenon Adapter for 2-3/8" O.D. Tenon R=NEMA Twistlock Photocontrol Receptacle 21 MA1038-XX=Single Tenon Adapter for 3-1/2" O.D. Tenon AHD145=After Hours Dim, 5 Hours 22 MA1039-XX=2@180° Tenon Adapter for 3-1/2" O.D. Tenon AHD245=After Hours Dim, 6 Hours 2 MA1192-XX=3@120° Tenon Adapter for 3-1/2" O.D. Tenon AHD255=After Hours Dim, 7 Hours ²² AHD355=After Hours Dim, 8 Hours ²² MA1193-XX=4@90° Tenon Adapter for 3-1/2" O.D. Tenon MA1194-XX=2@90° Tenon Adapter for 3-1/2" O.D. Tenon HA=50°C High Ambient 23 MA1195-XX=3@90° Tenon Adapter for 3-1/2" O.D. Tenon MS/DIM-L08=Motion Sensor for Dimming Operation, Maximum 8' Mounting Height ^{24,25} FSIR-100=Wireless Configuration Tool for Occupancy Sensor ²
GLEON-MT1=Field Installed Mesh Top for 1-4 Light Squares MS/DIM-L20=Motion Sensor for Dimming Operation, 9' - 20' Mounting Height 24, MS/DIM-L40=Motion Sensor for Dimming Operation, 21' - 40' Mounting Height ^{22, 25}
MS/DIM-L40W=Motion Sensor for Dimming Operation, 21' - 40' Mounting Height (Wide Range) ^{24, 26} GLEON-MT2=Field Installed Mesh Top for 5-6 Light Squares GLEON-MT3=Field Installed Mesh Top for 7-8 Light Squares MS/X-L08=Bi-Level Motion Sensor, Maximum 8' Mounting Height 24, 25, 29 GLEON-MT4=Field Installed Mesh Top for 9-10 Light Squares MS/X-L20=Bi-Level Motion Sensor, 9' - 20' Mounting Height 24, 26, 29 GLEON-QM=Quick Mount Arm Kit 10 MS/X-L40=Bi-Level Motion Sensor, 21' - 40' Mounting Height 22, 27, 29 GLEON-QMEA=Quick Mount Extended Arm Kit 11 MS/X-140W=Bi-Level Motion Sensor, 21' - 40' Mounting Height (Wide Range) ^{24, 28, 29} MS-L08=Motion Sensor for ON/OFF Operation, Maximum 8' Mounting Height ^{24, 25} LS/HSS=Field Installed House Side Shield 32,34 MS-L20=Motion Sensor for ON/OFF Operation 9' - 20' Mounting Height 24, 26 MS-L40-Motion Sensor for ON/OFF Operation, 21' - 40' Mounting Height ^{24,27}
MS-L40W=Motion Sensor for ON/OFF Operation, 21' - 40' Mounting Height (Wide Range) ^{24,28} LWR-LW=LumaWatt Pro Wireless Sensor, Wide Lens for 8' - 16' Mounting Height 30
LWR-LN=LumaWatt Pro Wireless Sensor, Narrow Lens for 16' - 40' Mounting Height 30 L90=Optics Rotated 90° Left R90=Optics Rotated 90° Right MT=Factory Installed Mesh Top TH=Tool-less Door Hardware

LCF=Light Square Trim Plate Painted to Match Housing 31 HSS=Factory Installed House Side Shield 32 NOTES:

1. 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.

2. DesignLights Consortium® Qualified. Refer to www.designlights.org Qualified Products List under Family Models for details.

3. Standard 4000K CCT and minimum 70 CRI.

4. Not compatible with MS/4-LXX or MS/1-LXX sensors.

5. Not compatible with standard quick mount arm (QMEA).

6. Not compatible with standard quick mount arm (QMEA).

7. Requires the use of an internal step down transformer when combined with sensor options. Not available with sensor at 1200mA. Not available in combination with the HA high ambient and sensor options at 1A.

8. Only for use with 480V Wys systems. Per NEC, not for use with ungrounded systems, impedance grounded systems or corner grounded systems (commonly known as Three Phase Three Phase Thigh Leg Delta and Three Phase Corner Grounded Delta systems).

9. May be required when two or more luminaires are oriented on a 90° or 120° drilling pattern. Refer to arm mounting requirement table.

10. Factory installed.

11. Maximum 8 light squares.

12. Maximum 8 light squares.

13. Extended lead times apply. Use dedicated IES files for 3000K, 5000K and 6000K when performing layouts. These files are published on the Galleon luminaire product page on the website.

15. 1 Amp standard. Use dedicated IES files for 600mA, 8000M and 6000K when performing layouts. These files are published on the Galleon luminaire product page on the website.

15. Not available with HA option. 15. 1 Amp standard. Use dedicated IES files for 600mA, 800mA and 1200mA when performing layouts. These files are published on the Galleon luminaire product page on the website.

16. Not available with MA, MS/X or MS/DIM at 347V or 480V. 2L in AF-02 through AF-04 requires a larger housing, normally used for AF-05 or AF-06. Extended arm option may be required when mounting two or more fixtures per pole at 90° or 120°. Refer to arm mounting requirement table.

18. Not available with Luma/Watt Pro wireless sensors.

19. Cannot be used with other control options.

20. Low voltage control lead brought out 18" outside fixture.

21. Not available if any "MS" sensor is selected. Motion sensor has an integral photocell.

22. Requires the use of P photocontrol or the PER7 or R photocontrol receptacle with photocontrol accessory. See After Hours Dim supplemental guide for additional information.

23. 50°C lumen maintenance data applies to 600mA, 800mA and 14 drive currents.

24. The FSIR-100 configuration tool is required to adjust parameters including high and low modes, sensitivity, time delay, cutoff and more. Consult your lighting representative at Eaton for more information.

25. Approximately 22' detection diameter at 8" mounting height.

26. Approximately 40' detection diameter at 20' mounting height.

27. Approximately 40' detection diameter at 40' mounting height.

28. Replace X with number of Light Squares operating in low output mode.

39. Lama/Watt Pro wireless sensors are factory installed only requiring network components LWP-EM-1, LWP-GW-1 and LWP-PoE8 in appropriate quantities. See www.eaton.com/lighting for LumaWatt Pro application information.



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