

PROJECT NAME

Type _____

Date _____

SPECIFICATIONS



Source	LED
CCT	4000K standard
Efficiency	200lm/W
Power	Max 100W
L80 Life	> 75,000 hours
Location	Listed IP67
Solar Module Performance	Monocrystalline silicon cells, processed by Photinus 4 solar modules x 150 Wp*, modules also charge in cloudy conditions
Battery	LiFeP04 / 474 Wh (12.8 V 37Ah)
Operating Temperature	-20°C to +60°C
Battery Life	Up to 10 years
Protection Class	IPX8
Material	Steel pole and aluminum parts
Finish	Galvanized and powder coat
Weight	242.5 lb. [110kg]
Wind Load	68.3 mph, 90 mph**
Salt Spray Test	ISO 9227:2012
Warranty	3 Years

*Wp = Watt Peak: maximum power supplied in standard conditions
 ** Other wind loads available upon request

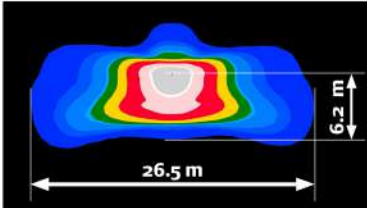
ORDER CODE

Model	Modules	Head	C.C.T.	Optic	Time Management	Height	Wind Load	Mounting	Finish	Options
MERKUR	150 = 4 Solar Modules 150PLUS = 4 Solar Modules (2 South, 1East, 1West) 300 = 8 Solar Modules	S = Single D = Dual	40 = Standard 4000K 20 = 2000K 30 = 3000K 50 = 5000K AB = Amber	ME PLACE T2 T2-B T2-L T3 T3-B T3-L T4-B DWC SCL DWCSCSCL FW VM PX	V5 = Standard Setting V3 = Continuous lighting 100% V4 = Night-time reduction to 40% V6 = Night-time reduction to 0% ◉ other time management options upon request. consult factory	HS = Standard Height HC = Custom* *specify desired height. consult factory	W68 = Standard 68.3 mph W90 = 90 mph WC = Custom* *specify desired wind load. consult factory	PF = Pipe Foundation ABO = Anchor Base with Opening** ABC = Anchor Base Closed** **ABO/ABC surface mount available upon request. consult factory	D = Dark	[blank] = None PIR = PIR Sensor

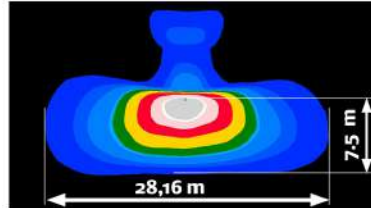
Example order code: **MERKUR - 300 - S - 40 -DWCSCSCL - V5 - HS - W90 - PF - D**

PHOTOMETRICS

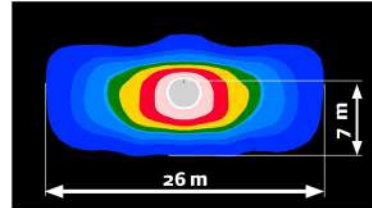
ME PLACE



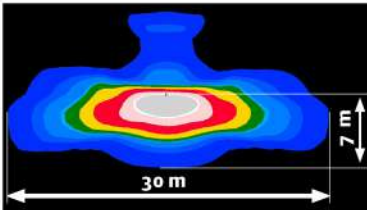
T3



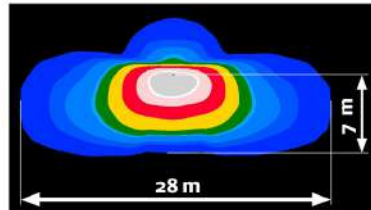
DWC



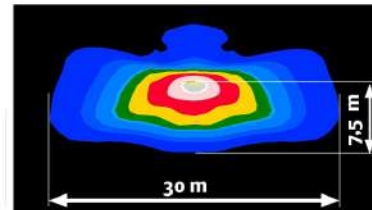
T2



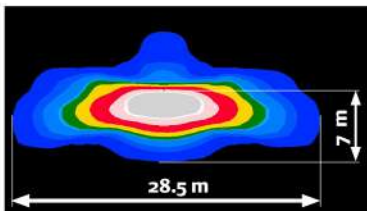
T3-B



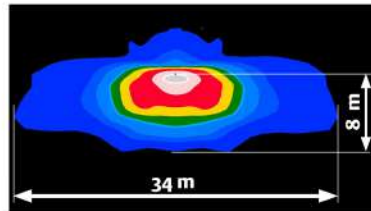
SCL



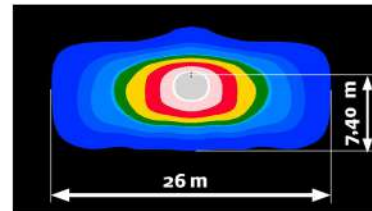
T2-B



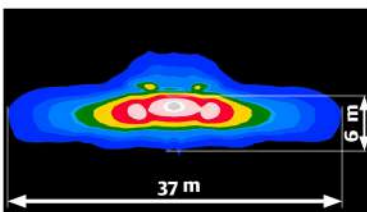
T3-L



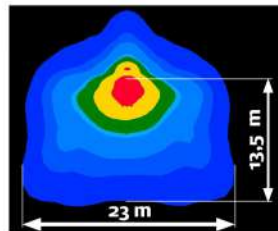
DWC SCL



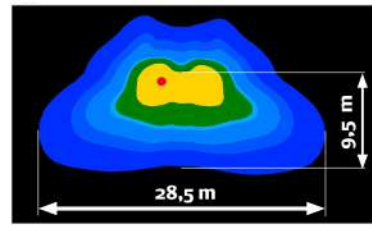
T2-L



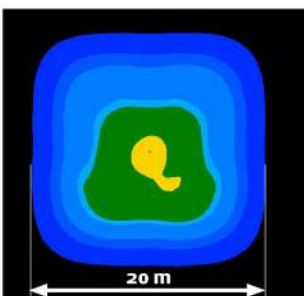
T4-B



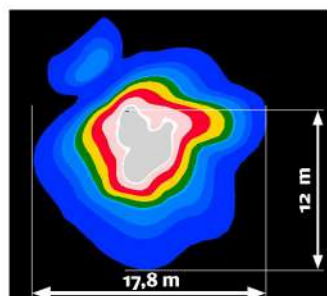
FW



VM

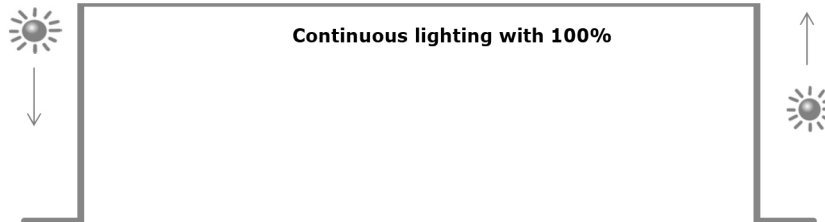


PX

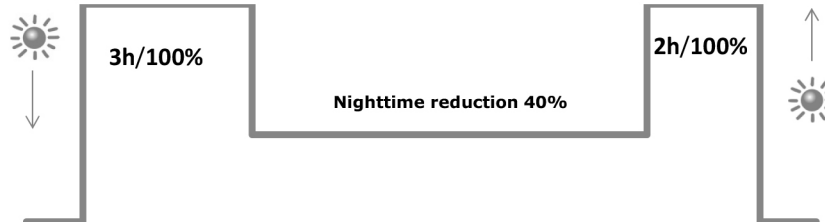


ENERGY AND TIME MANAGEMENT

V3

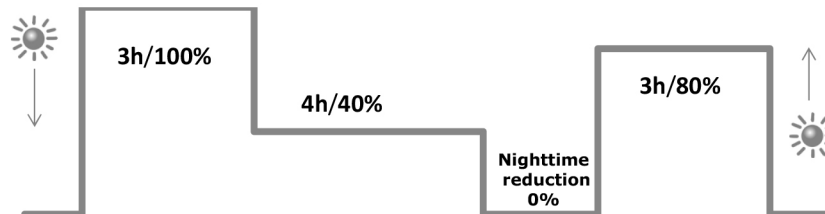


V4



V5

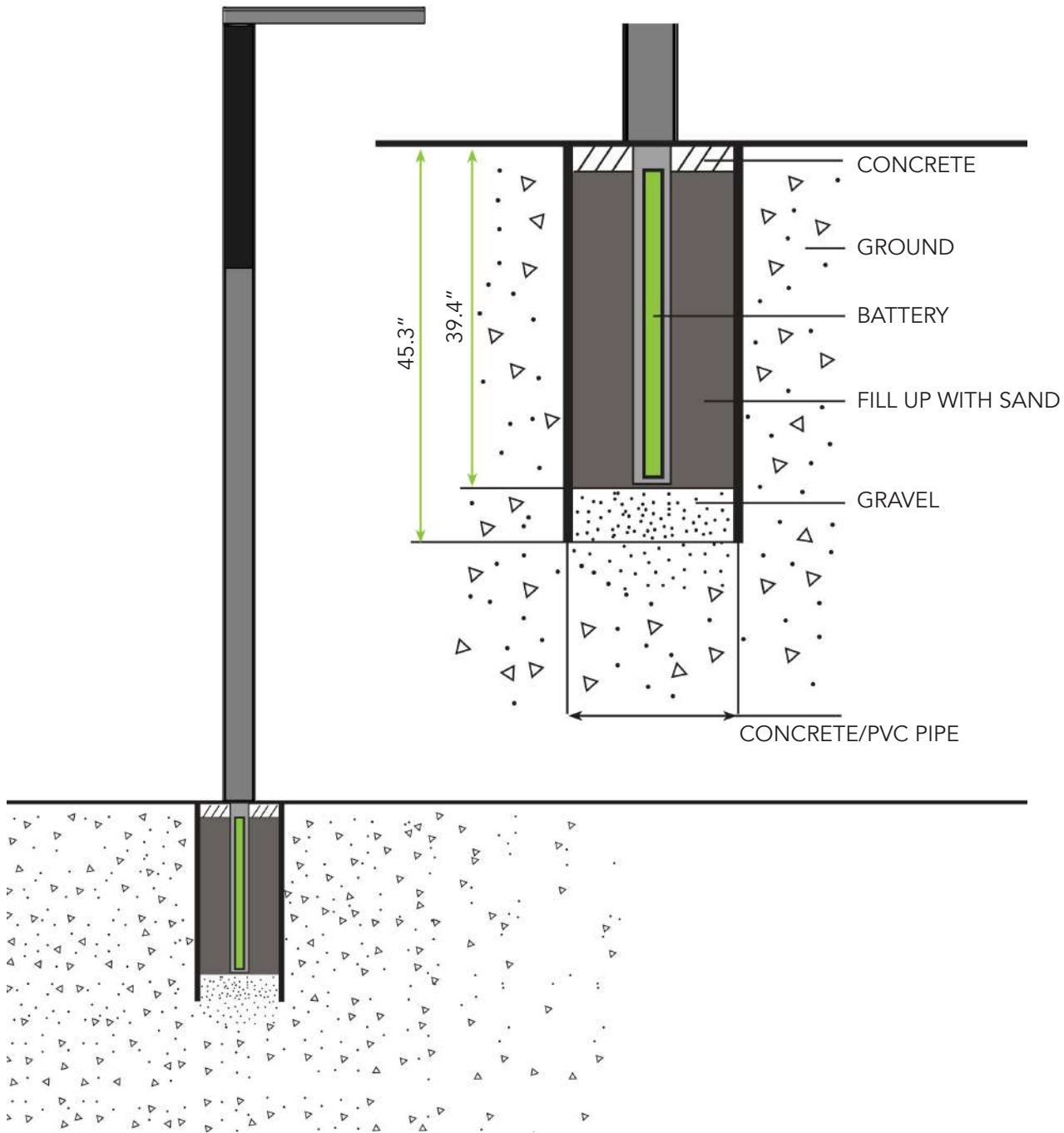
Standard
factory setting



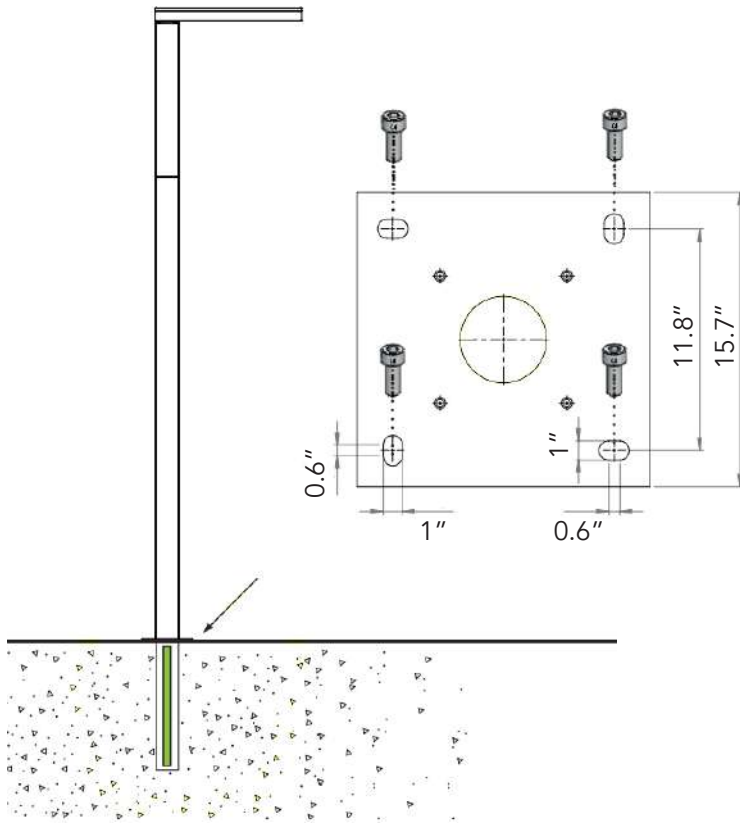
V6



MOUNTING OPTION 1 — PIPE FOUNDATION — PF



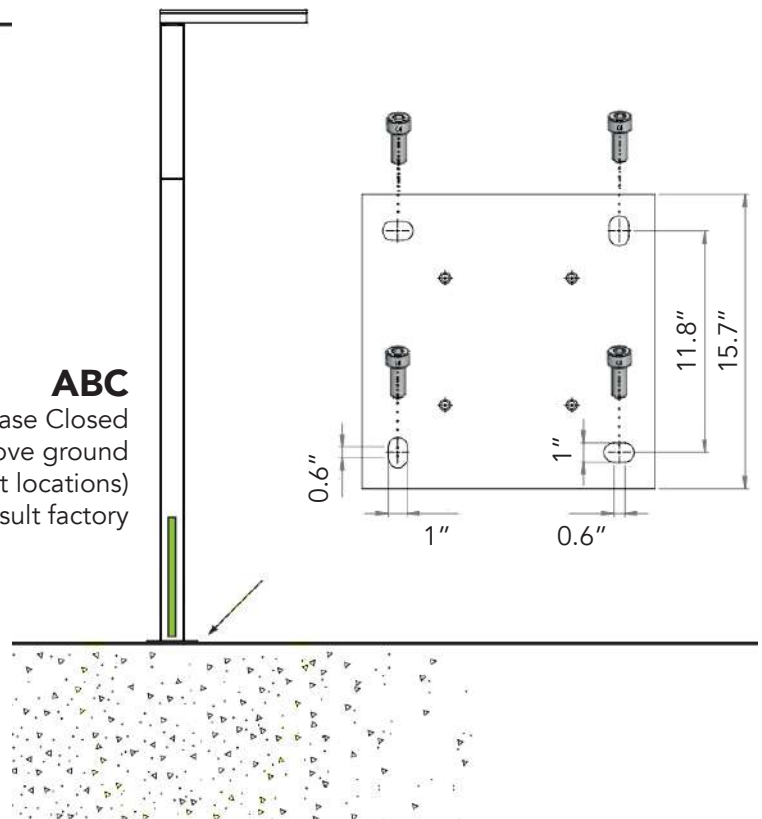
MOUNTING OPTION 2 — ANCHOR BASE



ABO

Anchor Base with Opening
Battery placed underground
*Consult factory

ABC
Anchor Base Closed
Battery placed above ground
(not viable for very cold or very hot locations)
*Consult factory



FINISH

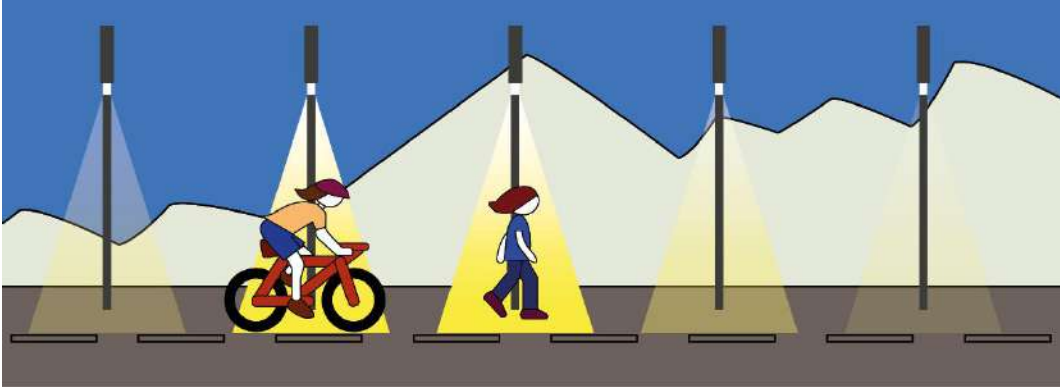


D
Sparkling Iron Effect Dark
Tiger 29/70787
Powder Coat

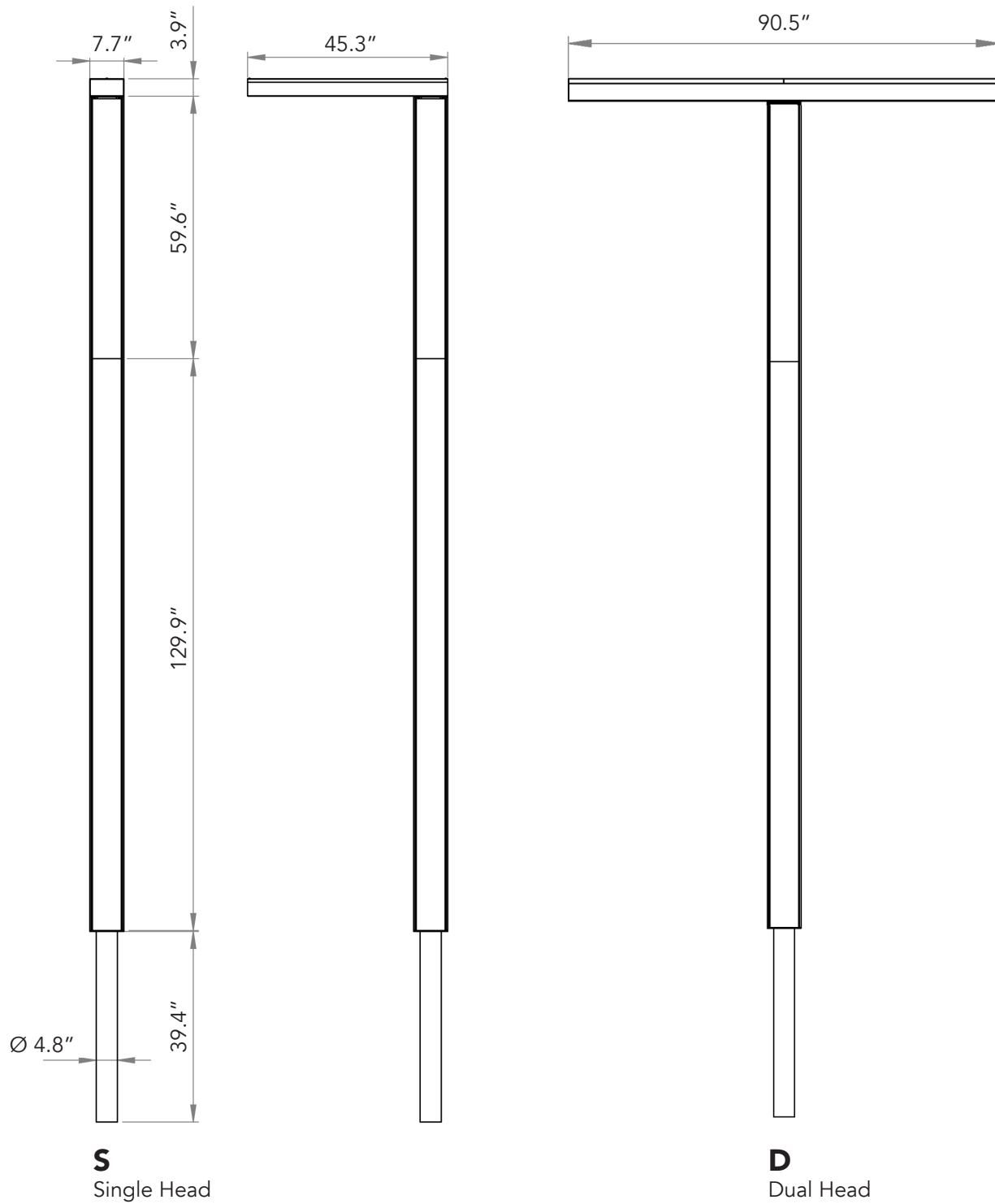
OPTIONS

PIR

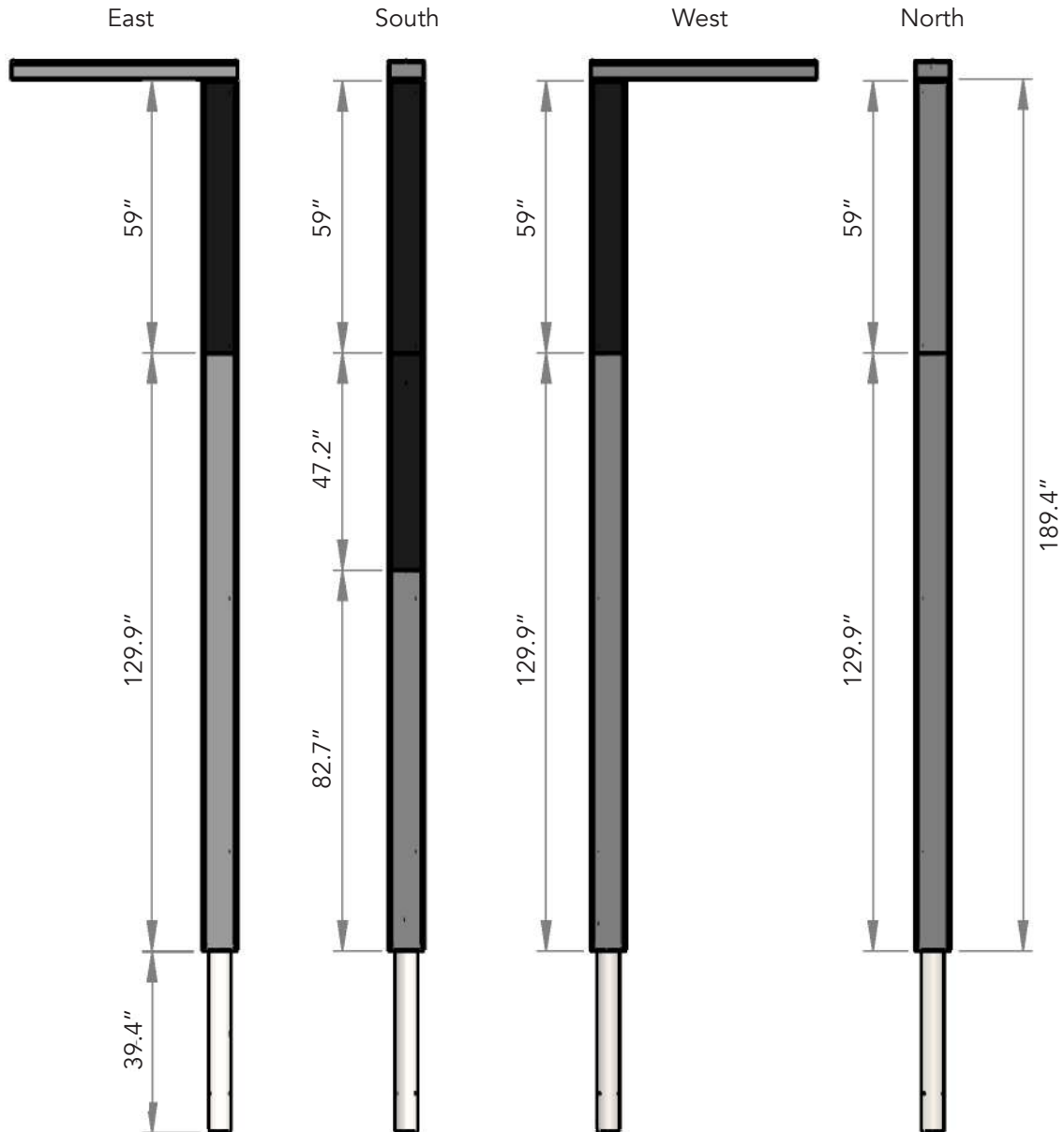
Each luminaire can be fitted with a PIR-sensor, a controller and an antenna. To control the luminaire in real time, only one luminaire has a GPS-controller as well as a GPS-antenna. This enables the luminaires to communicate among each other and control the demand responsive light in real time.



DIMENSIONS — MERKUR 150



DIMENSIONS — MERKUR 150 PLUS



DIMENSIONS — MERKUR 300

