



# Autonomous Solar Street Light SMARTLIGHT ESSENTIAL SINGLE

Pr	Project:								
No	otes:								
[ _	T54-CK 16B -	Temp	Туре	- House Shield	]-[ 	- ar	Power Center	]- Option	-
		Pole			Color (Pole)	Color (Fixture)	Tilt Panel		

### The Most Reliable Solar Lighting in the World

We keep our solutions simple with Smartlight—one proven, powerful solar light that meets a wide range of needs. Its unique black solar panel looks elegant, day or night. No hanging wires or bulky battery box. No solar panel that looks like a high school science project. We use powerful components and smart controls to provide all the energy you need in a sleek package, so you can count on all-night lighting all year around.

#### 175,000

SmartLight Systems Installed Worldwide

#### 365

Nights of Lighting per Year Guaranteed

#### 8 Years

Parts & Labor Warranty, Including the Battery with No Pro-Rating

\$0

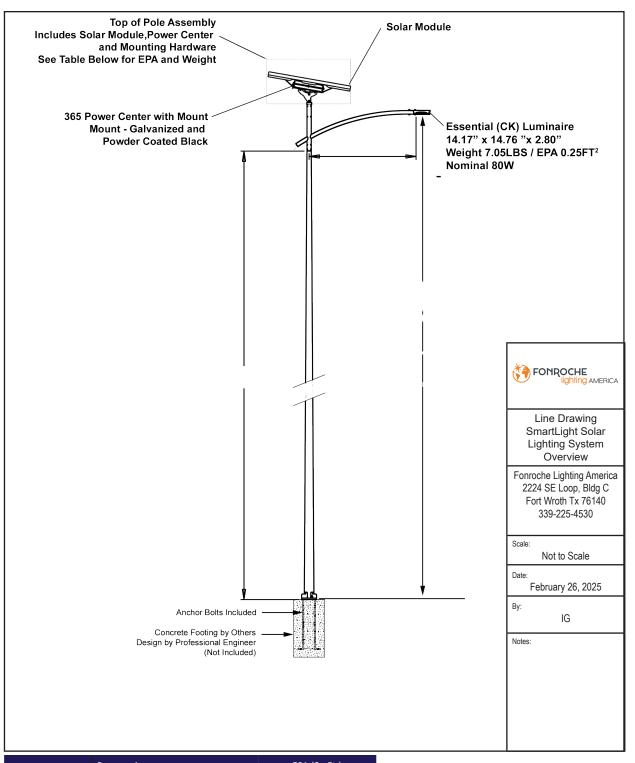
Zero Trenching Cost, Zero Electric Bills, and Zero Maintenance for 10 Years





## Essential Single Smart Light

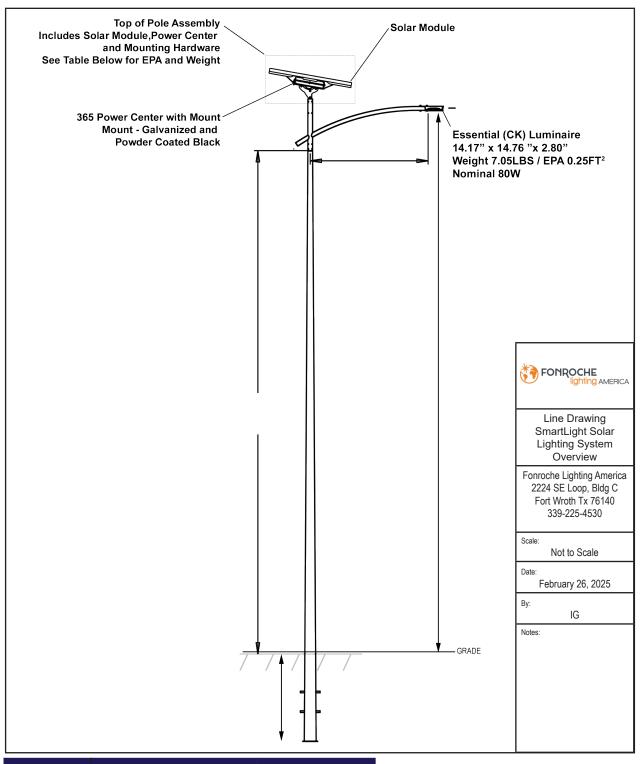
Luminaire Produ	uct Code Name	COLOR TEMP	DISTRIBUTION	COLOR HOUSE SIDE SHIELD	WEIGHT LBS EA. EPA FT² EA.
[T54-CK 16B	Essential	2700K, 3000K, 4000K, AM	BER T2,T3,T4,CW (Crosswalk)	Black Optional	7 .25
SOLAR ASSEMBLY/ PRODUCT CODE	/	DESCRIPTION	DIMENSIO	ons Solar Module (Inches)	MODULE BACK SHEET/FRAME FINISH
T RODUCT CODE	190W PolyCrystallin	ne Solar Module with Steel M	<u> </u>	ONS SOLAR MODULE (INCITES)	WODOLE BACK SHEET/T NAME TINISH
P190F		Degree) Mount Galvanized ar nd IEC 61215-2:2017		44.29 x 37.6 x 1.37	Black/Black Adonized Aluminum
		ne Solar Module with Steel M	•		
P310F		Degree) Mount Galvanized ar nd IEC 61215-2:2018		64.76 x 37.6 x 1.37	Black/Black Adonized Aluminum
	Adjustment (10,45 I	ie Solar Module with Steel M Degree) Mount Galvanized ar	nd Powder Coated.		
P410F	IEC 61730-1:2019 a	nd IEC 61215-2:2019		67.8 x 44.65 x 1.37	Black/Black Adonized Aluminum
	unt Adder (Required wi				
HW-MC		nt Galvanized with Marine Po	owaer Coat Upgrade		
	MBLY PRODUCT CODE / [		CHEMISTRY	OPERATING TEMPERATURE	CHARGING TEMPERATURE
		4 Wh Battery Capacity-IP65	Nickel Metal Hydride (NiMH)	-40°F to + 158°F (-40°C to +	
		6 Wh Battery Capacity-IP65 48 Wh Battery Capacity-IP65	Nickel Metal Hydride (NiMH)  Nickel Metal Hydride (NiMH)	-40°F to + 158°F (-40°C to +	
		35 Wh Battery Capacity-IP65	Lithium Iron Phosphate (LFP)	14°F to + 140°F (-10°C to +6	
		,,			
Controller Battery Manager	ment System (BMS)   A	Anti-Black Out Control   3-Lev	rel Programmable Lighting Profil	es	
Battery Manager	RRANTY	S	rel Programmable Lighting Profil  OLAR PANEL PERFORMANCE WARF  25 Years		System Certification CE
Battery Manager  FULL SYSTEM WAR  8 Years Parts and		S	OLAR PANEL PERFORMANCE WARF		
Battery Manager  FULL SYSTEM WAR  8 Years Parts and	RRANTY d Labor / No Pro-Rating ASED ON PROJECT CONDI	S ITIONS NOMINAL HEIGHT/	OLAR PANEL PERFORMANCE WARF  25 Years  EMBED DEPTH	ANTY	
FULL SYSTEM WAR 8 Years Parts and POLE SELECTED BA PRODUCT CODE /	RRANTY d Labor / No Pro-Rating ASED ON PROJECT CONDI	S ITIONS NOMINAL HEIGHT/ MOUNTING HEIGHT	OLAR PANEL PERFORMANCE WARF  25 Years  EMBED DEPTH	ARM ASSEMBLY	CE
FULL SYSTEM WAR 8 Years Parts and POLE SELECTED BA PRODUCT CODE /	RRANTY d Labor / No Pro-Rating ASED ON PROJECT CONDI DESCRIPTION	S ITIONS NOMINAL HEIGHT/ MOUNTING HEIGHT 14'/16'	OLAR PANEL PERFORMANCE WARF 25 Years EMBED DEPTH	ARM ASSEMBLY  4' ARM ASSY. WEIGHT/EPA	CE 6' ARM ASSY. WEIGHT/EPA
FULL SYSTEM WAR 8 Years Parts and POLE SELECTED BA PRODUCT CODE / 14Ft. Round Tape 20Ft. Round Tape 25Ft. Round Tape	RRANTY d Labor / No Pro-Rating ASED ON PROJECT CONDI DESCRIPTION ered Pole-Anchor Base ered Pole-Anchor Base ered Pole-Anchor Base	S  ITIONS  NOMINAL HEIGHT/ MOUNTING HEIGHT  14'/16'  20'/22'  25'/27'	EMBED DEPTH  NA  NA  NA	ARM ASSEMBLY  4' ARM ASSY. WEIGHT/EPA  31.96 LBS. / 1.36 FT <sup>2</sup> 31.96 LBS. / 1.36 FT <sup>2</sup> 31.96 LBS. / 1.36 FT <sup>2</sup>	CE  6' ARM ASSY. WEIGHT/EPA  38.92 LBS. / 1.88 FT <sup>2</sup> 38.92 LBS. / 1.88 FT <sup>2</sup> 38.92 LBS. / 1.88 FT <sup>2</sup>
FULL SYSTEM WAR 8 Years Parts and POLE SELECTED BA PRODUCT CODE / 14Ft. Round Tape 20Ft. Round Tape 30Ft. Round Tape	RRANTY d Labor / No Pro-Rating ASED ON PROJECT CONDI DESCRIPTION ered Pole-Anchor Base ered Pole-Anchor Base ered Pole-Anchor Base ered Pole-Anchor Base	S  NOMINAL HEIGHT/ MOUNTING HEIGHT  14'/16'  20'/22'  25'/27'  30'/32'	EMBED DEPTH  NA  NA  NA  NA  NA	ARM ASSEMBLY  4' ARM ASSY. WEIGHT/EPA  31.96 LBS. / 1.36 FT <sup>2</sup>	CE  6' ARM ASSY. WEIGHT/EPA  38.92 LBS. / 1.88 FT <sup>2</sup>
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FULL SYSTEM WAR 8 Years Parts and POLE SELECTED BA PRODUCT CODE / 14Ft. Round Tape 20Ft. Round Tape 30Ft. Round Tape 14Ft. Round Tape 20Ft. Pole	RRANTY d Labor / No Pro-Rating ASED ON PROJECT CONDI DESCRIPTION ered Pole-Anchor Base ered Pole-Anchor Base ered Pole-Anchor Base ered Pole-Direct Burial ered Pole-Direct Burial ered Pole-Direct Burial ered Pole-Direct Burial	S  NOMINAL HEIGHT/ MOUNTING HEIGHT  14'/16'  20'/22'  25'/27'  30'/32'  14'/16'  20'/22'  25'/27'  30'/32'	EMBED DEPTH  NA  NA  NA  NA  3' 9-1/4"  4' 5-1/4"  5' 0"  Contact Representative  - House	ARM ASSEMBLY  4' ARM ASSY. WEIGHT/EPA  31.96 LBS. / 1.36 FT <sup>2</sup>	6' ARM ASSY. WEIGHT/EPA  38.92 LBS. / 1.88 FT <sup>2</sup> 7 Second Se



	BATTERY	Assembly		EPA (S	Sq.Ft.)	
Solar Assembly	2P	3P	4P	6P	10° Tilt	45° Tilt
P190F-HW-MC	113.76	124.34	134.93	130.52	2.82	9.32
P310F-HW-MC	131.40	141.98	152.57	148.16	3.98	14.19
P410F-HW-MC	136.25	146.83	157.42	153.00	4.88	17.13



[	T54-CK 16B			- ]·	-[	-	]
_	Fixture	Temp	Туре	House Shield	Solar	Power Center	Option
		Pole			Color (Pole)	Color (Fixture)	Tilt Panel



	BATTERY	Assembly		EPA (Sq.Ft.)		
Solar Assembly	2P	3P	4P	6P	10° Tilt	45° Tilt
P190F-HW-MC	113.76	124.34	134.93	130.52	2.82	9.32
P310F-HW-MC	131.40	141.98	152.57	148.16	3.98	14.19
P410F-HW-MC	136.25	146.83	157.42	153.00	4.88	17.13



[	T54-CK 16B			- ]	-[	-	]
	Fixture	Temp	Туре	House Shield	Solar	Power Center	Option
				_		_	
		Pole			Color (Pole)	Color (Fixture)	Tilt Panel