



FONROCHE
lighting

*Integrated Solar
Street Light*

**SMARTLIGHT SINGLE
ROADFOCUS RFS**
HW-MC MOUNT



Project:

Notes:

							HW-MC				
Fixture	Temp	Type	Color (Fixture)	HS	Solar-Mount	Option	Power Center	Tilt	Pole	Color (Pole)	

zero

Trenching and
Wiring Expense

zero

Emmissions and
Electric Bills

zero

Maintenance for 10
or More Years

The SmartLight solar powered street lighting system rivals traditional grid-tied light poles with infrastructure grade lighting, low maintenance and avoided installation costs. The advanced 365 Power Center features advanced NiMH battery technology and anti-blackout controls. The result is a sleek profile, 10-year battery life and a great value proposition.



Solar Assembly

- Black Tie panel backing creates a finished appearance and disappears in the night sky
- Steel powder coated mounting
- 140W to 305W solar power



Power 365 Assembly

- Components are pre-wired inside of the sealed compartment
- Activated with two weather tight connections for true plug-and-play installation
- Extreme enviornment batteries deliver 365 nights of lighting for 10 or more years



RFS Luminaire

- Dark Sky Friendly Options
- 5 Distribution Types
- 35W or 72W Options
- Integrated Bubble Level

Note: Illustrated Arm Style by special order only

Fonroche Lighting America
220 Reservoir St. #19
Needham, MA 02494

Datasheet-SmartLight Single HW-RFS-07122020

SolarOne
A FONROCHE LIGHTING BRAND

RFS SmartLight Single-HW-MC



Specifications

LUMINAIRE PRODUCT CODE	COLOR TEMP	DISTRIBUTION	COLOR	HOUSE SIDE SHIELD OPTION	WEIGHT LBS	EPA Ft²
RFS-35W16LED	2.7K, 3K,4K	R2M,R2S,R3M,R3S,T4,T5	BK-Black	HS (16LED) / 2 HS (32LED)	9.4	0.52
RFS-75W32LED	2.7K, 3K,4K	R2M,R2S,R3M,R3S,T4,T5	BK-Black	2 HS (32LED)	9.4	0.52

SOLAR MODULE ASSEMBLY PRODUCT CODE / DESCRIPTION	DIMENSIONS SOLAR MODULE	MODULE FRAME & BACK SHEET	PERFORMANCE WARRANTY
P140F-T1-HW-MC 140W PolyCrystalline Solar Module with Heavy Duty Galvanized Steel Mount - Marine grade powder coat - Tilt Adjustment (0,10,20 or 45 Degree)	43.31 x 33.46 x 1.57	Black	25 Years
P260F-T3-HW-MC 260W PolyCrystalline Solar Module with Heavy Duty Galvanized Steel Mount - Marine grade powder coat - Tilt Adjustment (0,10,20 or 45 Degree)	66.93 x 40.55 x 1.81	Black	25 Years
P305F-T4-HW-MC 305W PolyCrystalline Solar Module with Heavy Duty Galvanized Steel Mount - Marine grade powder coat - Tilt Adjustment (0,10,20 or 45 Degree)	66.93 x 42.13 x 1.57	Black	25 Years

POWER 365 ASSEMBLY PRODUCT CODE / DESCRIPTION	BATTERIES
1P Power 365 Power Center with 312Wh NiMH Battery Capacity -IP65	Chemistry Nickel Metal Hydride
2P Power 365 Power Center with 624 Wh NiMH Battery Capacity-IP65	Operating Temperature -40°C to +70°C
3P Power 365 Power Center with 936 Wh NiMH Battery Capacity-IP65	Warranty 5 Year Full Replacement
4P Power 365 Power Center with 1248 Wh NiMH Battery Capacity-IP65	Certifications EN 550 14-1 ; EN 55014-2 ; EN 61000-6-2 ; EN 61000-6-3
CONTROLLER	
Battery Management System (BMS) Anti-Black Out Control Real Time Scheduling Option 3-Level Programmable Lighting Profiles LoRa Enabled for Wireless Network*	
* Requires Fonroche Connect Gateway-See SolarOne for Details	

TOTAL TOP OF POLE ASSEMBLY -PANEL, MOUNTING, 365 POWER CENTER							
Solar Assembly	Weight - (Pounds)				EPA (Sq.Ft.)		
	1P	2P	3P	4P	10° Tilt	20° Tilt	45° Tilt
P140F-T1-HW-MC	102.73	113.31	123.89	134.48	2.67	3.89	7.45
P260F-T3-HW-MC	120.37	130.95	141.53	152.12	4.48	7.24	13.93
P305F-T4-HW-MC	120.37	130.95	141.53	152.12	4.48	7.38	14.36

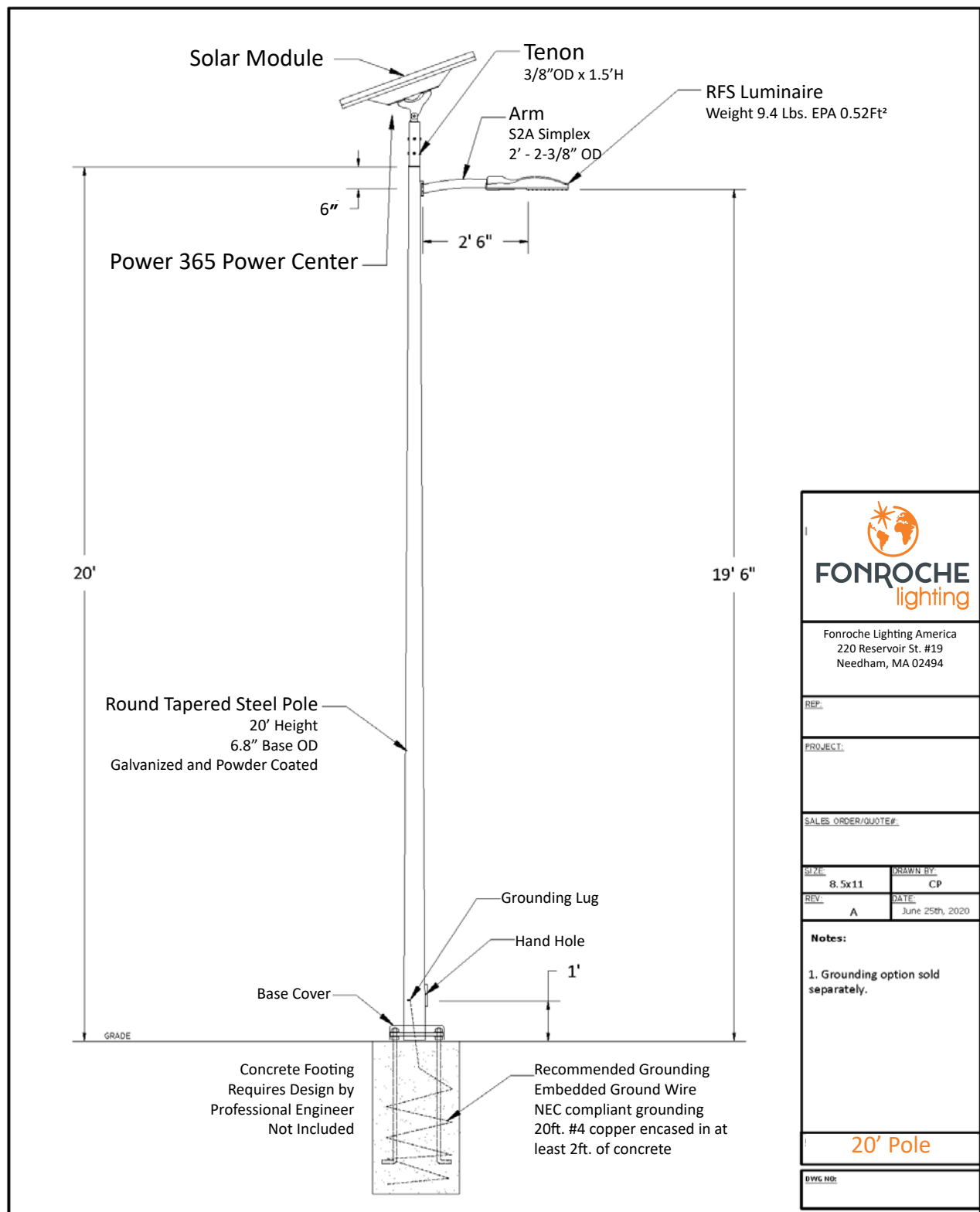
POLE ASSEMBLIES	RATED FOR MINIMUM 100MPH	POLE COLOR
RTS-14-B-61-1S2A	14' Round Tapered Steel Pole -Includes single 2' simplex arm and is provisioned for solar mount. Galvanized and Powder Coated. Includes Anchor Bolts.	BK - Black
RTS-20-B-68-1S2A	20' Round Tapered Steel Pole -Includes single 2' simplex arm and is provisioned for solar mount. Galvanized and Powder Coated. Includes Anchor Bolts.	BK - Black
RTS-25-B-80-1S4A	25' Round Tapered Steel Pole -Includes single 4' simplex arm and is provisioned for solar mount. Galvanized and Powder Coated. Includes Anchor Bolts.	BK - Black

System	
System Warranty	5 Years
System Certification	CE

Ordering Selections

-	-	-	-	-	-	-	-	-	-	-	-	-
Fixture	Temp	Type	Color (Fixture)	HS	Solar-Mount	Option	Power Center	Tilt	Pole	Color (Pole)		





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- HW-MC -										
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