



BELLE EPOQUE SINGLE

BELLE EPOQUE SINGLE SMARTLIGHT

LUMINAIRE PRODUCT CODE	FIXTURE NAME	COLOR TEMP	DISTRIBUTION	COLOR SCHEMES	WEIGHT LBS EA.	EPA Ft²
[Belle	Belle Epoque	2700K, 3000K, 4000K, AMBER	T2,T3,T4,CW (Crosswalk)	4 Color Schemes - See Chart Page 1	21	1.61

SOLAR ASSEMBLY/ PRODUCT CODE	DESCRIPTION	DIMENSIONS SOLAR MODULE (INCHES)	MODULE BACK SHEET/FRAME FINISH
P190F	190W PolyCrystalline Solar Module with Steel Mount - No Slip Tilt Adjustment (10,45 Degree) Mount Galvanized and Powder Coated. IEC 61730-1:2019 and IEC 61215-2:2017	44.29 x 37.6 x 1.37	Black/Black Adonized Aluminum
P310F	310W PolyCrystalline Solar Module with Steel Mount - No Slip Tilt Adjustment (10,45 Degree) Mount Galvanized and Powder Coated. IEC 61730-1:2019 and IEC 61215-2:2018	64.76 x 37.6 x 1.37	Black/Black Adonized Aluminum
P410F	410W PolyCrystalline Solar Module with Steel Mount - No Slip Tilt Adjustment (10,45 Degree) Mount Galvanized and Powder Coated. IEC 61730-1:2019 and IEC 61215-2:2019	67.8 x 44.65 x 1.37	Black/Black Adonized Aluminum

Heavy Duty Mount Adder (Required with 45 degree tilt)	
HW-MC	Heavy Duty Mount Galvanized with Marine Powder Coat Upgrade

POWER 365 ASSEMBLY PRODUCT CODE / DESCRIPTION	CHEMISTRY	OPERATING TEMPERATURE	CHARGING TEMPERATURE
2P Power 365 Power Center with 624 Wh Battery Capacity-IP65	Nickel Metal Hydride (NiMH)	-40°F to + 158°F (-40°C to +70°C)	-40°F to + 158°F (-40°C to +70°C)
3P Power 365 Power Center with 936 Wh Battery Capacity-IP65	Nickel Metal Hydride (NiMH)	-40°F to + 158°F (-40°C to +70°C)	-40°F to + 158°F (-40°C to +70°C)
4P Power 365 Power Center with 1248 Wh Battery Capacity-IP65	Nickel Metal Hydride (NiMH)	-40°F to + 158°F (-40°C to +70°C)	-40°F to + 158°F (-40°C to +70°C)
6P Power 365 Power Center with 1935 Wh Battery Capacity-IP65	Lithium Iron Phosphate (LFP)	14°F to + 140°F (-10°C to +60°C)	32°F to +113°F (-0°C to +45°C)

Controller
Battery Management System (BMS) Anti-Black Out Control 3-Level Programmable Lighting Profiles

FULL SYSTEM WARRANTY	SOLAR PANEL PERFORMANCE WARRANTY	SYSTEM CERTIFICATION
8 Years Parts and Labor / No Pro-Rating	25 Years	CE

POLE SELECTED BASED ON PROJECT CONDITIONS		ARM		
PRODUCT CODE / DESCRIPTION	NOMINAL HEIGHT AG/MOUNTING HEIGHT	ARM LENGTH/FINISH	ARM WEIGHT	ARM EPA
14Ft. Round Tapered Pole-Anchor Base	14'/15'	3.6'/ Black Powder Coat	26.67 LBS	0.88
20Ft. Round Tapered Pole-Anchor Base	20'/21'	3.6'/ Black Powder Coat	26.67 LBS	0.88
25Ft. Round Tapered Pole-Anchor Base	25'/26'	3.6'/ Black Powder Coat	26.67 LBS	0.88
30Ft. Round Tapered Pole-Anchor Base	30'/31'	3.6'/ Black Powder Coat	26.67 LBS	0.88
14Ft. Round Tapered Pole-Direct Burial	14'/15'/Embed Depth 3' 9-1/4"	3.6'/ Black Powder Coat	26.67 LBS	0.88
20Ft. Round Tapered Pole-Direct Burial	20'/21'/Embed Depth 4' 5-1.4"	3.6'/ Black Powder Coat	26.67 LBS	0.88
25Ft. Round Tapered Pole-Direct Burial	25'/26'/Embed Depth 5' 0"	3.6'/ Black Powder Coat	26.67 LBS	0.88
30Ft. Round Tapered Pole-Direct Burial	30'/31'/Embed Depth Contact Rep.	3.6'/ Black Powder Coat	26.67 LBS	0.88
CST - Pole				

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

Top of Pole Assembly
Includes Solar Module, Power Center
and Mounting Hardware
See Table Below for EPA and Weight

Solar Module

365 Power Center with Mount
Mount - Galvanized and
Powder Coated Black

3.6'

Arm Assembly
Weight 26.67 LBS / EPA 0.88FT²

BELLE EPOQUE Luminaire
20.5" H x 17.5" W x 17.5" D
Weight 21 LBS / EPA 1.61FT²
Nominal 80W
(See Application Design Report for
Lighting Profile Details)



Line Drawing
SmartLight Solar
Lighting System
Overview

Fonroche Lighting America
2224 SE Loop, Bldg C
Fort Worth, Tx 76140

Scale:
Not to Scale

Date:
March 26, 2025

By:
IG

Notes: Powder Coat Finish Color

SOLAR ASSEMBLY	BATTERY ASSEMBLY				EPA (Sq.Ft.)	
	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



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Fixture Temp Type Solar Power Center Option

Pole

Color
(Pole)

Color
(Fixture)

Tilt
Panel