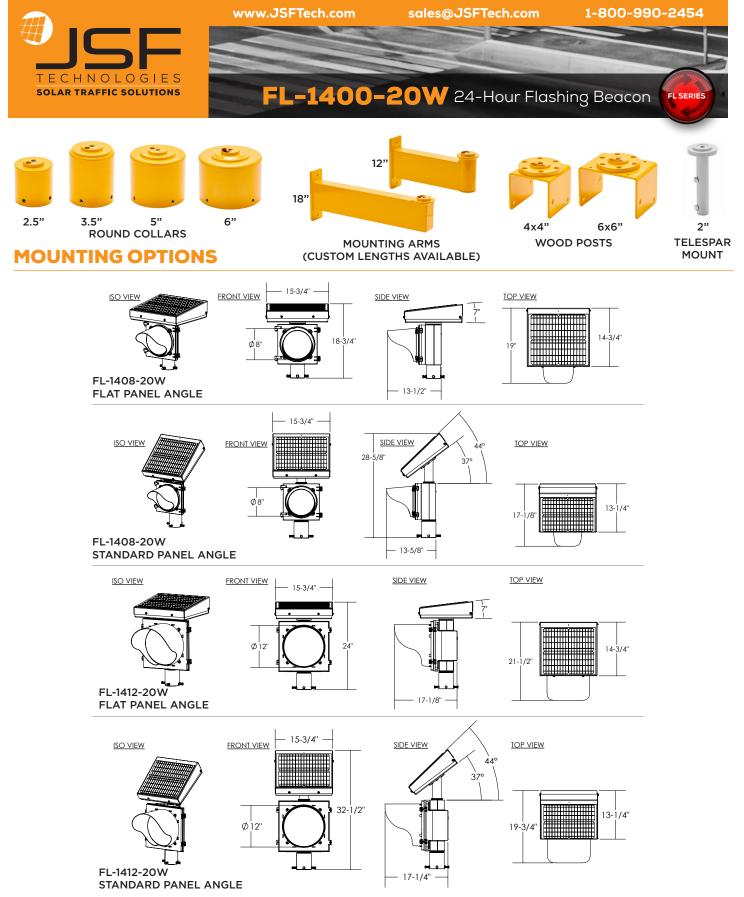
		www.JSFTech	.com sales	@JSFTech.com	1-800-990-2454
SOLAR TRAFFIC	SOLUTIONS	FL-1	400-200	24-Hour Flas	hing Beacon
SELF-CONTAINE	D 20 WATT SOL	AR ENGINE			
Solar Panel	Solar Cell - Monocry		20 20		
	Rated Power (Pmp) Rated Voltage (Vmp Rated Current (Imp) CE and TUV certified	20 Watts) 18 VDC 1.1 Amps	*	1412-20W	@ @
Solar Angle	7° (Flat) 44° (Standard)			44° Standard Angle 12" Amber LED	
Standard Battery Bank	AGM 12V, 18 Ah - UL field replaceable	Recognized,		1408-20W 7° Flat Angle	
Cold Weather Battery Bank Option	AGM 12V, 16 Ah - UL field replaceable	Recognized,	•	8" Red LED	
Solar Engine Housing Material	A5052 Sheet Alumin 6061-T6 Aluminum (1		AVAILABLE WITH RED	LEDS FOR STOP SIGNS, A	AMBER LEDS FOR WARNING SIGNS
Solar Engine Dimensions	15.75" x 13.25" X 4.5"	(40 x 33.7 x 11.5cm)*			
POWER MANAGE	MENT		SYSTEM O	ERVIEW	
Charged Capacity	Up to 30 days at rat		Compl	ance FHWA MUTCD Con	npliant
Automatic Light Control (ALC)	solar conditions and	ghtness for different battery levels	Standard (Std.) Oper		g, 24-hours a day, 365 days a year ability with user supplied switch
SYSTEM PROTEC			Flash Pattern Op	tions MUTCD Standard (0.5 seconds ON, 0.5 seconds OFF)
Low Voltage Disconnect	9.5 VDC			JSFT Strobe Energy	y Efficient Flash Pattern**
Over Current Protection Self Monitoring	1.8 Amp PTC auto-re	sub-optimal operation	Std. Operating Temper		°C to +74°C)
LED BEACON SIG		sub-optimal operation	Cold Weather Upgrade O		0°C to +80°C)
Standard Followed	ITE VTCSH-STD 200	15	System Vo		
LED Beacon Signal Head Setup	Single Head Pole Top Mounting		Packaged Dimen		41cm @ 16.3 kg)*
Lens Material	UV Stabilized Polyca	arbonate		(61 x 46 x	46cm @ 17.2 kg)*
LED Housing	100% Polycarbonate				ABLE WITH STANDARD COLOURS;
LED Size	8" Diameter (200 m 12" Diameter (300m	,	YELLOW, BLACI		
LED Housing Dimensions		6" (35 x 25 x 16 cm)* 6" (44 x 25 x 17 cm)*			
Std. LED Color Options	Amber or Red (custo				
SYSTEM OPTIONS	S				
LED & Solar Engine Housing Colors	Yellow, Black or Gree (custom colors availe		1		
Mounting Options	Round Pole Collars: Square Wood Post S Telespar & U-Channe Side Mount Bracket: lengths available Custom Mounts Ava	addle: 4x4", 6x6" el: 2" 12", 18" and custom	SALES Toll-Free 1.800.990.245 sales@jsftech.com	SUPPORT 4 Toll-Free 1.800.99 support@jsftech.	

WARRANTY 5-year Limited Warranty for defects in worksmanship and materials (excludes batteries and vandalism)



Central Office: 1-800-387-4555



SYSTEM DRAWINGS

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1412-40W 44° Standard Angle 12″ Amber LED

SELF-CONTAINED 40 WATT SOLAR ENGINE

Solar Panel	Solar Cell - Monocrystalline Silicon Rated Power (Pmp) 40 Watts Rated Voltage (Vmp) 18 VDC Rated Current (Imp) 2.2 Amps CE and TUV certified 7º (Flat) 44º (Standard) 2 x AGM 12V, 18 Ah - UL Recognized,
Cold Weather Battery Bank Option	field replaceable 2 x AGM 12V, 16 Ah - UL Recognized, field replaceable
Solar Engine Housing Material	A5052 Sheet Aluminum (Enclosure) 6061-T6 Aluminum (Mount)
Solar Engine Dimensions	30.875" x 13.25" x 4.5" (78.4 x 33.7 x 11.5cm)*
POWER MANAG	EMENT
Charged Capacity	Up to 30 days at rated usage
Automatic Light Control (ALC)	Various stages of brightness for different solar conditions and battery levels
SYSTEM PROTEC	CTION
Low Voltage Disconnect	9.5 VDC
Over Current Protection	1.8 Amp PTC auto-reset fuse
Self Monitoring	Visual notification of sub-optimal operation
LED BEACON SIG	GNAL HEAD
Standard Followed	ITE VTCSH-STD 2005
LED Beacon Signal Head Setup	Single Head Pole Top Mounting
Lens Material	UV Stabilized Polycarbonate
LED Housing	100% Polycarbonate
LED Size	8" Diameter (200 mm)* 12" Diameter (300mm)*
LED Housing Dimensions	8" head - 14" x 10" x 6" (35 x 25 x 16 cm)* 12" head - 17" x 14" x 6" (44 x 25 x 17 cm)*
Std. LED Color Options	Amber or Red (custom colors available)
SYSTEM OPTION	IS
LED & Solar Engine Housing Colors	Black, green or yellow, custom colors also available
Mounting Options	Round Pole Collars: 2.5", 3.5", 5" and 6" Square Wood Post Saddle: 4x4", 6x6" Telespar & U-Channel: 2" Side Mount Bracket: 12", 18" and custom lengths available Custom Mounts Available



AVAILABLE WITH RED LEDS FOR STOP SIGNS, AMBER LEDS FOR WARNING SIGNS

SYSTEM OVERVIEW

Compliance	FHWA MUTCD compliant		
Standard (Std.) Operation	Continuous Flashing, 24-hours a day, 365 days a year Manual On/Off capability with user supplied switch		
Flash Pattern Options	MUTCD Standard (0.5 seconds ON, 0.5 seconds OFF) JSFT Strobe Energy Efficient Flash Pattern**		
Std. Operating Temperature	14°F to + 165°F (-10°C to +74°C)		
Cold Weather Upgrade Option	-40°F to +176°F (-40°C to +80°C)		
System Voltage	12 VDC		
Packaged Dimensions	8" head - 36" x 18" x 18" @ 58lbs (91 x 46 x 46 cm @ 26 kg) 12" head - 35" x 28" x 17" @ 70 lbs (89 x 71 x 43cm @ 32kg)*		

SIGNAL HEAD AND SOLAR ENGINE AVAILABLE WITH STANDARD COLOURS; YELLOW, BLACK, OR GREEN. CUSTOM COLOURS ARE ALWAYS AVAILABLE.



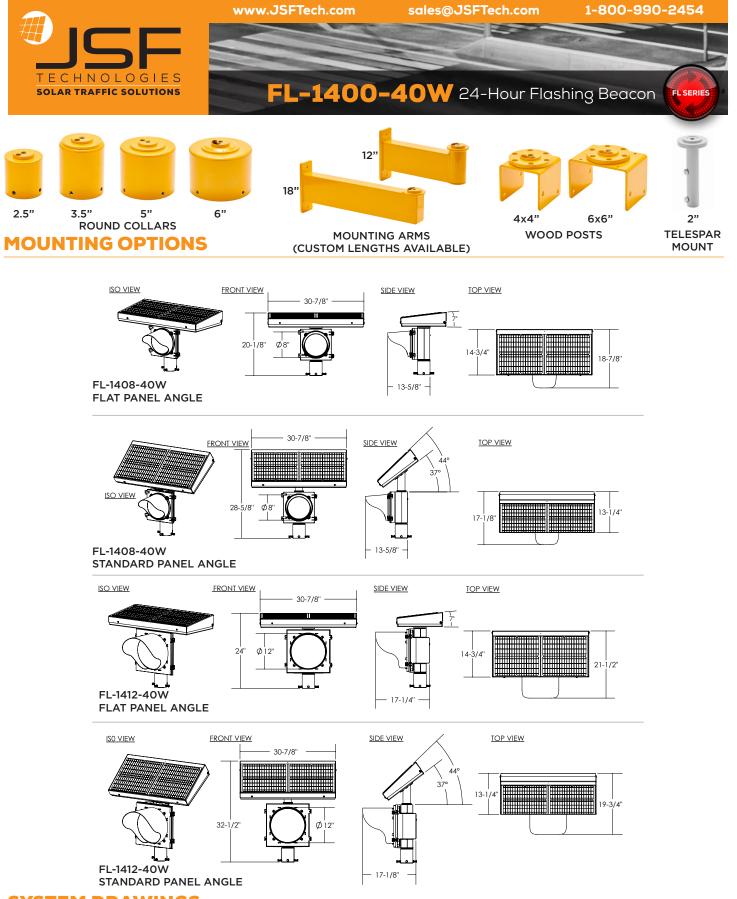
SALES Toll-Free 1.800.990.2454 sales@jsftech.com

SUPPORT Toll-Free 1.800.990.2454 support@jsftech.com ADDRESS 6582 Bryn Road, Victoria, BC V8M 1X6

WARRANTY 5-year Limited Warranty for defects in worksmanship and materials (excludes batteries and vandalism)



*All measurements and weights are approximate **50% power consumption of MUTCD



SYSTEM DRAWINGS

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AC ENCLOSURE		
Enclosure Material	0.08" Type 5052 H-32 aluminum	
Enclosure Dimensions (Small)	12" x 12" x 4" (30 x 30 x 10cm)*	
Enclosure Dimensions (Large)	16" x 14" x 8" (41 x 36 x 20cm)*	
Standards	UL 508 Type 3R, 4, 4X, 12, and 13 CSA Type 3R, 4, 4X, 12, and 13	
Compliance	NEMA Type 3R, 4, 4X, 12 and 13 JIC EGP-1-1967 IEC 60529, IP66	
Enclosure Colors	Aluminum, Black, Green or Yellow (Custom Colors Available)	
AC BRICK SPECIF	ICATIONS	S
AC BRICK SPECIF Dimensions	6.375" x 1.625" x 1.25" @ 0.9 lbs (16.25 x 4.3 x 3.2 cm @ 0.41 kg)*	S
	6.375" x 1.625" x 1.25" @ 0.9 lbs	8
Dimensions	6.375" x 1.625" x 1.25" @ 0.9 lbs (16.25 x 4.3 x 3.2 cm @ 0.41 kg)*	
Dimensions Power Supply Rating	6.375" x 1.625" x 1.25" @ 0.9 lbs (16.25 x 4.3 x 3.2 cm @ 0.41 kg)* 120 VAC to 15 VDC Class 2 Supply IP67, CE Certified, UL Recognized	:
Dimensions Power Supply Rating Standards	6.375" x 1.625" x 1.25" @ 0.9 lbs (16.25 x 4.3 x 3.2 cm @ 0.41 kg)* 120 VAC to 15 VDC Class 2 Supply IP67, CE Certified, UL Recognized	St
Dimensions Power Supply Rating Standards SYSTEM PROTEC	6.375" x 1.625" x 1.25" @ 0.9 lbs (16.25 x 4.3 x 3.2 cm @ 0.41 kg)* 120 VAC to 15 VDC Class 2 Supply IP67, CE Certified, UL Recognized TION	S
Dimensions Power Supply Rating Standards SYSTEM PROTEC Over Current Protection	6.375" x 1.625" x 1.25" @ 0.9 lbs (16.25 x 4.3 x 3.2 cm @ 0.41 kg)* 120 VAC to 15 VDC Class 2 Supply IP67, CE Certified, UL Recognized TION 1.8 Amp PTC auto-reset fuse Visual notification of sub-optimal operation	St
Dimensions Power Supply Rating Standards SYSTEM PROTEC Over Current Protection Self Monitoring	6.375" x 1.625" x 1.25" @ 0.9 lbs (16.25 x 4.3 x 3.2 cm @ 0.41 kg)* 120 VAC to 15 VDC Class 2 Supply IP67, CE Certified, UL Recognized TION 1.8 Amp PTC auto-reset fuse Visual notification of sub-optimal operation	St
Dimensions Power Supply Rating Standards SYSTEM PROTEC Over Current Protection Self Monitoring LED BEACON SIG	6.375" x 1.625" x 1.25" @ 0.9 lbs (16.25 x 4.3 x 3.2 cm @ 0.41 kg)* 120 VAC to 15 VDC Class 2 Supply IP67, CE Certified, UL Recognized TION 1.8 Amp PTC auto-reset fuse Visual notification of sub-optimal operation NAL HEAD	st
Dimensions Power Supply Rating Standards SYSTEM PROTEC Over Current Protection Self Monitoring LED BEACON SIG Standard Followed LED Beacon Signal	6.375" x 1.625" x 1.25" @ 0.9 lbs (16.25 x 4.3 x 3.2 cm @ 0.41 kg)* 120 VAC to 15 VDC Class 2 Supply IP67, CE Certified, UL Recognized TION 1.8 Amp PTC auto-reset fuse Visual notification of sub-optimal operation NAL HEAD ITE VTCSH-STD 2005 Single Head	St
Dimensions Power Supply Rating Standards SYSTEM PROTEC Over Current Protection Self Monitoring LED BEACON SIG Standard Followed LED Beacon Signal Head Setup	6.375" x 1.625" x 1.25" @ 0.9 lbs (16.25 x 4.3 x 3.2 cm @ 0.41 kg)* 120 VAC to 15 VDC Class 2 Supply IP67, CE Certified, UL Recognized TION 1.8 Amp PTC auto-reset fuse Visual notification of sub-optimal operation NAL HEAD ITE VTCSH-STD 2005 Single Head Pole Top Mounting	St

SYSTEM OVERVIEW

Compliance	FHWA MUTCD Compliant	
Standard (Std.) Operation	Continuous Flashing, 24-hours a day, 365 days a year Manual On/Off capability with user supplied switch	
Flash Pattern Options	MUTCD Standard (0.5 seconds ON, 0.5 seconds OFF) JSFT Strobe Energy Efficient Flash Pattern**	
Std. Operating Temperature	-40°F to +176°F (-40°C to +80°C)	
System Voltage	age 12 VDC	
Packaged Dimensions	Varies depending on configuration and installation method	

1412-AC 12" LED AVAILABLE WITH RED LEDS

FOR STOP SIGNS, AMBER LEDS FOR WARNING SIGNS

> 1408-AC 8" LED

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SIGNAL HEAD AND SOLAR ENGINE AVAILABLE WITH STANDARD COLOURS; YELLOW, BLACK, OR GREEN. CUSTOM COLOURS ARE ALWAYS AVAILABLE.



	Yellow, Black or Green (custom colors available)			
	Round Pole Collars: 2.5", 3.5", 5" and 6"			
	Square Wood Post Saddle: 4x4", 6x6"			
	Telespar & U-Channel: 2"			
	Side Mount Bracket: 12", 18" and custom lengths available	SALES Toll-Free 1.800.990.2454	SUPPORT Toll-Free 1.800,990,2454	ADDRESS 6582 Bryn Road,
	Custom Mounts Available	sales@jsftech.com	support@jsftech.com	Victoria, BC V8M 1X6
_				

WARRANTY 5-year Limited Warranty for defects in worksmanship and materials (excludes batteries and vandalism)



12" Diameter (300mm)*

8" - 14" x 10" x 6" (35 x 25 x 16 cm)* 12" - 17" x 14" x 6" (44 x 25 x 17 cm)*

Amber or Red (custom colors available)

LED Housing Dimensions

Std. LED Color Options

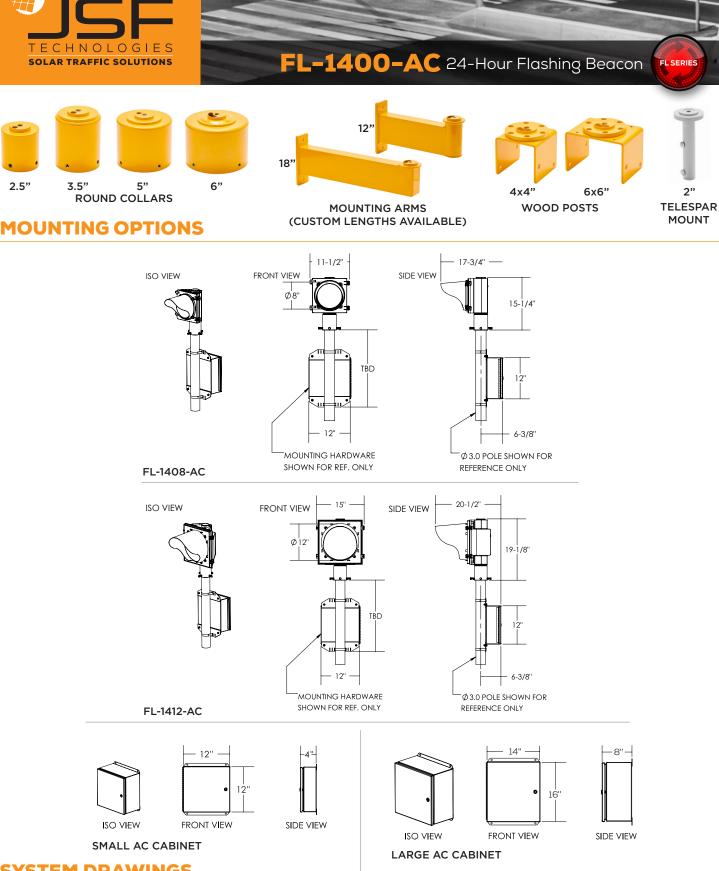
SYSTEM OPTIONS

Mounting Options

*All measurements and weights are approximate **50% power consumption of MUTCD

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