

DS323FC Series

Dark Sky Friendly Lantern



PROJECT:

TYPE:

Features

The DS323FC luminaire is a classically styled cast aluminum six sided lantern with high performance full cutoff optics that prevent wasted uplight and efficiently deliver light on target with IES Distributions Type II, III, IV or V. Fixture will meet IDA Dark Sky Seal of Approval at 3000K CCT only.

Product Overview

Wattage:	2M: 44W, 49W 3M: 60W, 67W
Lumen Output :	9023 lm (3M, 67W, T5, 40K)
Color Temp:	3000K, 4000K
Dimming:	0-10V dimming



DS323FC

Certifications



Certain Restrictions Apply for DarkSky International

Fixture Summary

Installation:

The luminaire will mount to a 3" OD post or tenon with 5/16" black oxide coated stainless steel set screws to ensure a solid connection.

Electrical:

- Over voltage and short circuit protected driver
- Series connected 10kV/20kA surge protector
- Automatic AC incoming voltage sensing (120V-277V)
- 347V/480V option consult factory
- 0-10V dimming

Light Distributions:

- Type II
- Type III
- Type IV
- Type V

CCT:

- 3000K
- 4000K

Drive Current:

- 530mA
- 600mA

L70:

72,000+ hrs.

Finish:

Durable thermoset polyester powdercoat finish in the following:

- Satin Black
- Classic Bronze
- Gloss Textured Bronze
- Green
- Gloss Textured Black
- Textured Black
- Gloss Textured Green

Accessories:

- Dusk-to-dawn button type photocell (*not available for use with 7-pin NEMA receptacle*)
- Wireless control option
- 7-pin NEMA receptacle, for wireless control or photocell
- Twist-lock photocell (*for use with 7-pin NEMA receptacle*)
- Backlight shield
- Bird guard

ETL listed, suitable for wet locations.

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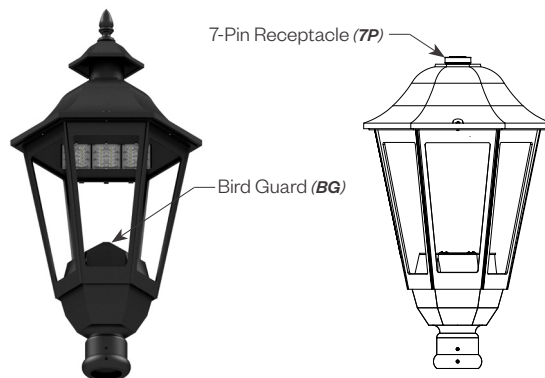
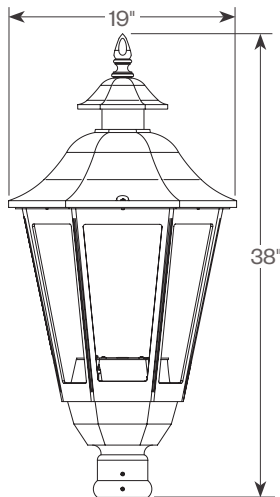
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TYPE:

Ordering Information

DS323FC									
1	2	3	4	5	6	7			
1	Model	2	LED Modules	3	Light Distribution	4	CCT	5	Drive Current
	DS323FC		2M 2 modules 3M 3 modules		T2 Type II T3 Type III T4 Type IV T5 Type V		30* 3000K 40 4000K * To meet DarkSky International fixture seal of approval 3000K cct must be selected.		530M 530mA 600M 600mA Note: 120V-277V auto-sensing driver is standard. Consult factory for 347V/480V option.
6	Finish	7	Accessories						
	BLK satin black CLB classic bronze GBZ gloss textured bronze GRN green GTB gloss textured black TBK textured black TGR gloss textured green CSTM custom		PCL dusk-to-dawn button type photocell (not available for use with 7P) 7P fixture integrated 7-pin NEMA receptacle for wireless control or photocell (in place of finial, to allow installation of a wireless control node) TW-PCL twist-lock photocell (for use with 7P receptacle) BLS backlight shield BG bird guard (angled insert to discourage bird nesting at the base of the fixture) SC shorting cap						

Product Details



Backlight Shield (BLS)
(can be field installed when needed)



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Performance Data

Multiplying Factors: (Multiplying Factor is based on 3000K IES file on website)

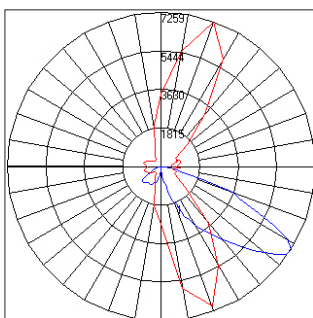
CCT:	3000K	4000K
Factor:	1.0	1.06

Power Level:	530mA	600mA
Factor:	0.92	1.0

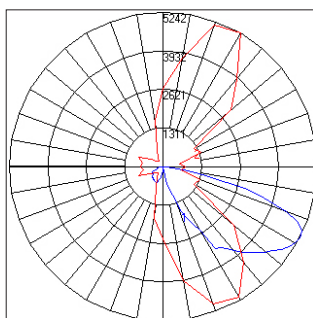
Modules	System Watts	Distribution	CCT	Luminaire Lumens		BUG Rating
				530mA	600mA	
2M	44W (530mA) 49W (600mA)	T2	3000K	4809	5403	1-0-1
			4000K	5194	5836	
		T3	3000K	4915	5522	
			4000K	5308	5964	
		T4	3000K	4880	5483	1-0-2
			4000K	5270	5922	
		T5	3000K	4967	5581	2-0-1
			4000K	5365	6028	
3M	60W (530mA) 67W (600mA)	T2	3000K	7199	8089	2-0-2
			4000K	7775	8736	
		T3	3000K	7358	8267	
			4000K	7946	8928	
		T4	3000K	7305	8208	
			4000K	7890	8865	
		T5	3000K	7436	8355	3-0-1
			4000K	8031	9023	

Typical Light Distributions

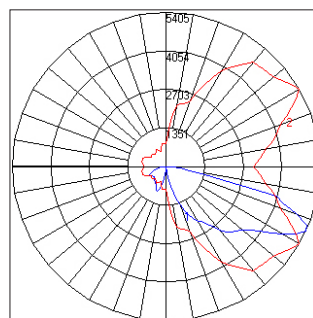
DS323FC-3M-30-T2-600M



DS323FC-3M-30-T3-600M



DS323FC-3M-30-T4-600M



DS323FC-3M-30-T5-600M

