

DS323FC

Dark Sky Friendly Lantern



Features

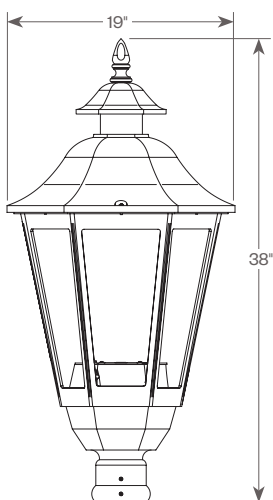
The DS323FC luminaire is a classically styled cast aluminum six sided lantern with high performance full cutoff optics that prevent wasted uplight and efficiently deliver light on target with IES Distributions Type II, III, IV or V. Fixture will meet IDA Dark Sky Seal of Approval at 3000K CCT only.

Product Overview

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

PROJECT:

TYPE:



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)**
- 0-10V dimming

Distribution:

- Type II (T2)
- Type III (T3)
- Type IV (T4)
- Type V (T5)

CCT:

- 3,000K (30)
- 4,000K (40)

Power Level:

- 530mA
- 600mA

L70:

72,000+ hrs.

Finish:

Durable thermoset polyester powdercoat finish in the following:

- Satin Black (BLK)
- Classic Bronze (CLB)
- Gloss Textured Bronze (GBZ)
- Green (GRN)
- Gloss Textured Black (GTB)
- Textured Black (TBK)
- Gloss Textured Green (TGR)

Accessories:

- Dusk-to-dawn button type photocell (not available for use with 7P) (PCL)
- Wireless control options
- 7 pin NEMA Receptacle, for wireless control or photocell (7P)
- Backlight shield (BLS)
- Twist-Lock Photocell (for use with 7P receptacle) (TW-PCL)
- Bird Guard (BG)

ETL listed, suitable for wet locations.

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PROJECT:

TYPE:

Ordering Information

DS323FC									
1	2	3	4	5	6	7	8		
1	Model	2	LED Modules	3	Light Distribution	4	Color Temp	5	Power Level
	DS323FC		2M 2 modules 3M 3 modules		T2 type 2 T3 type 3 T4 type 4 T5 type 5		30 3000K 40* 4000K * Does not qualify for DarkSky International Fixture Seal of Approval		530M 530mA 600M 600mA
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 (consult factory)		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 for operation on the SmartSite or other control platform) BLS backlight shield (for T2 or T3 light distributions only) TW-PCL - Twist-Lock Photocell (for use with 7P receptacle) BG bird guard (angled insert to discourage bird nesting at the base of the fixture)						

Notes:

- 120V-277V auto-sensing driver is standard. Consult factory for 347V/80V option.
- To meet Dark Sky International Fixture Seal of Approval 3000K CCT must be chosen. Not approved with 4000K option.

Backlight Shield and Bird Guard

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



(BG) Bird Guard



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TYPE:

Performance Data

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

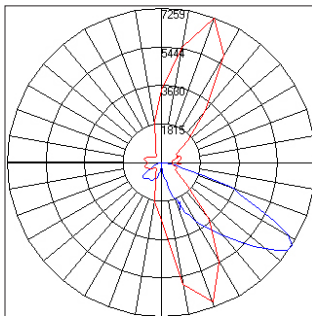
CCT:	3000K	4000K
Factor:	1.0	1.06

Power Level:	530mA	600mA
Factor:	0.92	1.0

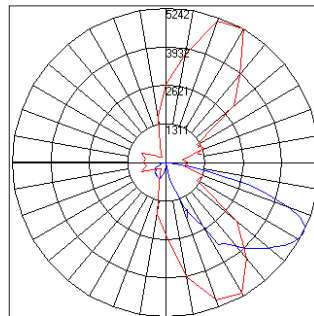
Modules	System Wattage	Distribution	CCT	Luminaire Lumens		Bug Rating
				530mA	600mA	
2M	44W (530mA) 49W (600mA)	T2	3,000K	4809	5403	1-0-1
			4,000K	5194	5836	
		T3	3,000K	4915	5522	
			4,000K	5308	5964	
		T4	3,000K	4880	5483	1-0-2
			4,000K	5270	5922	
		T5	3,000K	4967	5581	2-0-1
			4,000K	5365	6028	
3M	60W (530mA) 67W (600mA)	T2	3,000K	7199	8089	2-0-2
			4,000K	7775	8736	
		T3	3,000K	7358	8267	
			4,000K	7946	8928	
		T4	3,000K	7305	8208	3-0-1
			4,000K	7890	8865	
		T5	3,000K	7436	8355	3-0-1
			4,000K	8031	9023	

Polar Plots

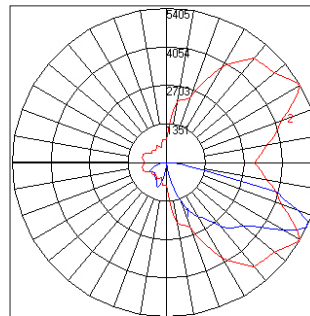
DS323FC-3M-30-T2-600M



DS323FC-3M-30-T3-600M



DS323FC-3M-30-T4-600M



DS323FC-3M-30-T5-600M

