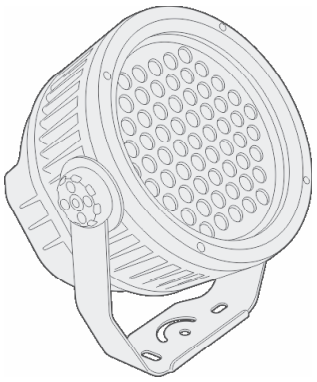
Dyna Drum SO™

ACCLAIM LIGHTING



aria™ WIRELESS DMX

Client:	
Project:	
Type:	
Order Code:	
Quantity:	

The **Dyna Drum SO** is a high output, outdoor rated, LED flood fixture. It features an adjustable yoke, on-board digital display, a 100-277VAC internal power supply, and a built in receiver for the Aria wireless DMX system. It is ideal for facade lighting applications, and as an area flood light.

Specifications

Color Temperature	RGBW, RGBA, 2700K, 3000K, 3500K, 4000K, 5500K, DW (2400K-5500K)
Beam Angle	6º (standard), 20º, 40º, 60º, 10º x 60º spread lens options
Total Lumens	7,769 at 5500K, 6º / 4656 at RGBW, 6º
Center Beam Candela	344,366 at 5500K, 6º / 148,001 at RGBW, 6º
Control	DMX-512, 4 channels (color), 3 Channels (DW), or 1 Channel (white)
Max Fixtures in Series	32, via DMX-512
Effective Projected Area	Front: 0.72, Side 0.74 (includes drag coefficient)
Power Consumption	157W at steady state
Operating Voltage	100-277VAC, 50/60Hz
Lumen Maintenance	L70 @ 120,000 Hours (25º C)
Finish	Gray (Standard), White or Black (Optional)
Housing Material	Die Cast Aluminum, Optional Marine Environment Coating Available
Operating Temperature	-40º F to 122º F (-40º C to 50º C)
IP Rating	IP66, Wet Location
Fixture Connectors	Attached 5' (1.5m) IP 66 AC Power + Signal Cable
Warranty	5 Year Limited Warranty
Weight	26.4 lbs (12 kg)
Dimensions	9.13" ø x W 8.39" x H 14.13" (232mm ø x W 213mm x H 359mm)
Certifications	ETL, CE

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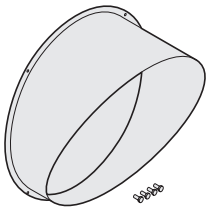
Order Codes

* Indicates Special Order

DDE - 2 # 1 - A A # N

- **Version:** E = SO Single Chip
- **Control:** 2 = DMX
- **Housing Color:** 1 = Black*, 2 = White*, 4 = Gray, 7 = Custom*
- **Lens Cover:** 1 = Clear
- **Size:** A = Standard
- **Beam:** A = 6°
- **Color:** A = 2700K*, C = 3000K, D = 3500K*, E = 4000K, F = 5500K*, L = RGBW *(W=6000K)*, J = RGBA*, M = DW *(2400K-5500K)*
- **Input Voltage:** N = Normal (100-277VAC)

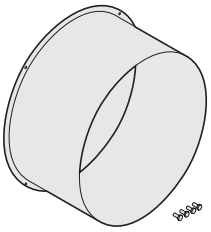
Related Components



Half Snoot

Gray: DDSOHSG
Black: DDSOHSB
White: DDSOHSW

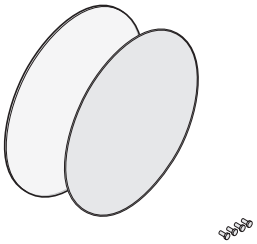
Includes four M4 mounting screws



Full Snoot

Gray: DDSOFSG
Black: DDSOFSB
White: DDSOFSW

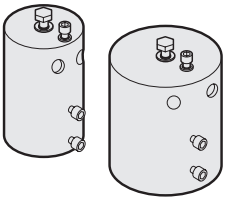
Includes four M4 mounting screws



Spread Lens Kits

20º Beam: DDSSL20
40º Beam: DDSSL40
60º Beam: DDSSL60
10º x 60º Beam: DDSSL1060

Includes four M4 mounting screws



Tenon Mount

For 2" pipe: TM2
For 4" pipe: TM4

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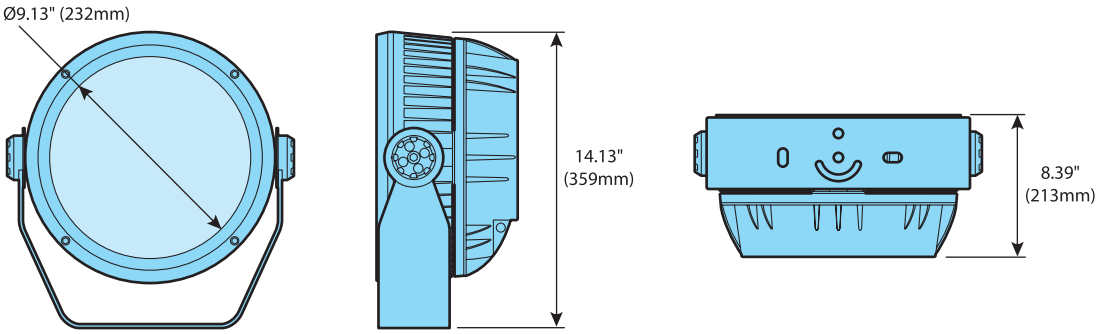
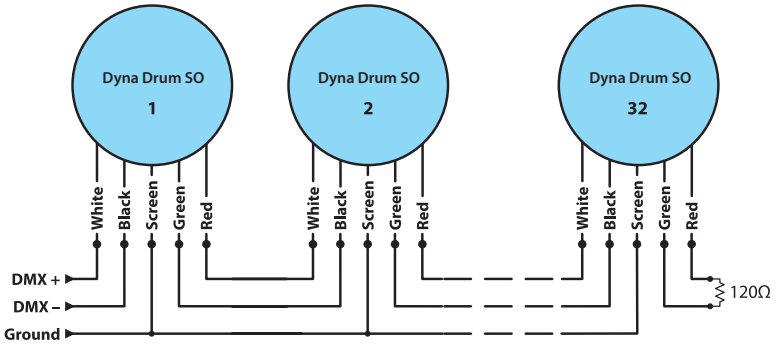
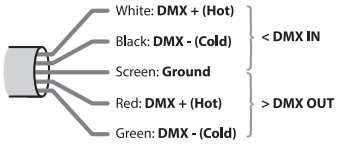
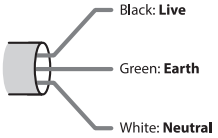
Dimensions



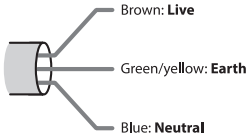
Wiring







Power cord colors
US version



Power cord colors
European version

Photometrics

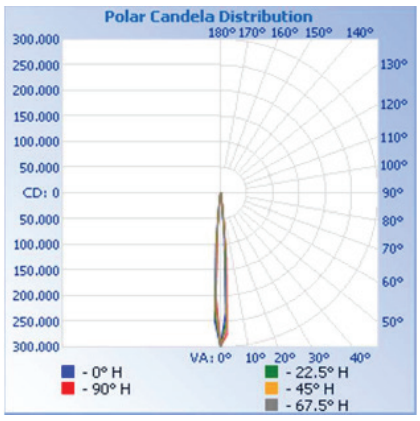
For IES & Revit files, please visit acclaimlighting.com

5500K, 6º

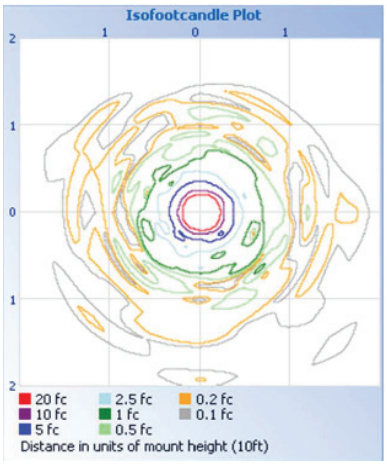
Zonal Lumen Summary

Zone	Lumens	%
0-60	7634	98.3
60-90	131.8	1.7
90-180	2.8	0.0
Total	**7769**	**100**

Polar Candela Distribution



Isofootcandle Plot



Dyna Drum SO™

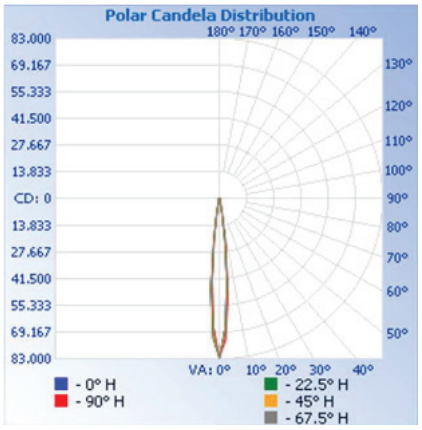
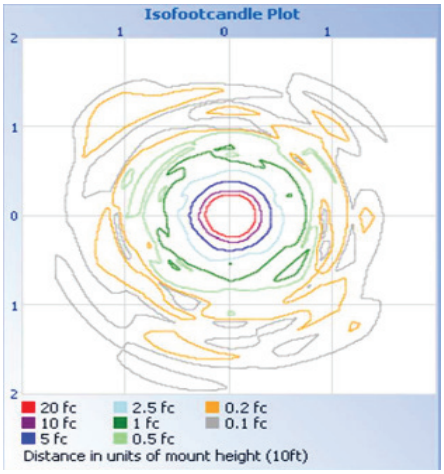
Photometrics (Con't)

RGBW, 6°

Zonal Lumen Summary

Zone	Lumens	%
0-60	4556	97.9
60-90	96.3	2.1
90-180	3.7	0.1
Total	**4656**	**100**

Polar Candela Distribution



Isofootcandle Plot