Orion Energy Systems

BarnLiter™/NiteLiter™ Series

Features and Specifications

WTAGB

Applications
Demanding interior environments that require an enclosed fixture. Ideal for dairy herd management.

Certification
UL Listed for Wet Locations. IP65 Certified.

Construction
Sealed and gasketed aluminum body and lens frame. Stainless steel exterior hardware. Rubber silicone washers used to seal fasteners.

Electrical
Hardwired, water tight connection with pre-wired whip. Instant and program start ballasts available.

Reflectors
Patented, optically efficient reflector design provides 95% total reflectance.

Finish
Bronze powder coated exterior aluminum surface and lens frame carry a 10 year appearance warranty.

Warranty
Orion fixtures are covered by a one-year limited warranty. Accessories and individual components are covered by separate OEM supplier warranties.

Required Ordering Information

1 Select WTAGB	
Series	
WTAGB	Wet Tested Enclosed BarnLiter Fixture with Quick-Disconnect Brackets

2 Select _____	
Number of Lamps	
4	4-Lamp T8
6	6-Lamp T8
8	8-Lamp T8

3 Select _____	
Ballast Type	
(blank)	Instant Start
PS	Program Start

4 Select _____	
Switching	
DS3	Dual Switching, NiteLiter System (1 lamp on at night, 5 off)
DS	Dual Switching

5 Select _____	
Additonal Options	
(blank)	No Internal Transformer
TF	Internal Transformer, 480v

6 Select _____	
Lamp Type	
(blank)	850 Lamps*
841	841 Lamps*

*Add "HL" to Lamp Type suffix for High Lumen
Add "SR" to Lamp Type suffix for Shatter Resistant.
Add "HLSR" to Lamp Type suffix for High Lumen Shatter Resistant.

7 Select _____	
Connection Options	
6W	6' Whip
11W	11' Whip
CE7	7' Hardwire Leads with water tight Elbow Connector

8 Select _____	
Reflector Options	
(blank)	Low Bay Reflector
CMR	High Bay Reflector

Options (must be ordered separately)

-Quick Disconnect Flush Mount Brackets (Short and Tall options available)

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ORION
LIGHT YEARS AHEAD®

Made in USA

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Physical and Performance Information[1]

Part Number	Number of Lamps	Wattage Consumed 120 thru 277v	480v	Line Amps	Length	Width	Depth	Weight[2]
BarnLiter™ WTAGB4HL6W	4 Lamp T8	147	155	1.23@120v | 0.61@240v | 0.32@480v	48.5"	13.69"	5.63"	16.0 lbs.
NiteLite™ (Full NiteLite Mode) WTAGB4DS3HL6W	4 Lamp T8	135	142	1.13@120v | 0.56@240v | 0.30@480v	48.5"	13.69"	5.63"	17.0 lbs.
NiteLiter™ (NiteLite Mode) WTAGB4DS3HL6W	4 Lamp T8	25	26	0.21@120v | 0.10@240v | 0.05@480v	48.5"	13.69"	5.63"	17.0 lbs.
BarnLiter™ WTAGB6HL6W	6 Lamp T8	221	232	1.84@120v | 0.92@240v | 0.48@480v	48.5"	18.94"	5.63"	21.0 lbs.
NiteLiter™ (Full NiteLite Mode) WTAGB6DS3HL6W	6 Lamp T8	209	219	1.74@120v | 0.87@240v | 0.46@480v	48.5"	18.94"	5.63"	22.0 lbs.
NiteLiter™ (NiteLite Mode) WTAGB6DS3HL6W	6 Lamp T8	25	26	0.21@120v | 0.10@240v | 0.05@480v	48.5"	18.94"	5.63"	22.0 lbs.
BarnLiter™ WTAGB8HL6W	8 Lamp T8	294	309	2.45@120v | 1.23@240v | 0.64@480v	48.5"	24.19"	5.63"	27.0 lbs.
NiteLiter™ (Full NiteLite Mode) WTAGB8DS3HL6W	8 Lamp T8	283	296	2.36@120v | 1.18@240v | 0.62@480v	48.5"	24.19"	5.63"	28.0 lbs.
NiteLiter™ (NiteLite Mode) WTAGB8DS3HL6W	8 Lamp T8	25	26	0.21@120v | 0.11@240v | 0.05@480v	48.5"	24.19"	5.63"	28.0 lbs.

Additional Specification Information:

[1]Actual performance may vary by up to ±10% of values listed.

[2]120–277 voltage standard. Also available for 347v or 480v systems with addition of optional transformer; increases overall weight by two pounds and wattage consumption by approximately 5%).

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