

CHLORIDE SYSTEMS

TYPE: _____

CATALOG NO.: _____

General Description

The Diskuss is an architectural indoor/outdoor lighting product based on the latest technology in high-output white LEDs. Optional nickel metal hydride batteries and a diagnostic charger allow for normally on and emergency lighting in one fixture. Self-powered models may be wired to allow independent wall switching when line voltage is present. Failure of line voltage will cause automatic emergency transfer. Diskuss is available in a wide range of decorative finishes to blend with any setting. Diskuss meets the Buy American requirements.

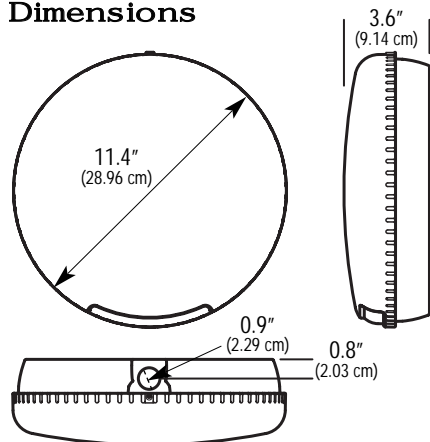
Illumination

Illumination is provided by two field-replaceable white LED modules and a vacuum plated polycarbonate reflector. The reflector design has been optimized to produce a 1 footcandle average illumination along a 6' x 30' path of egress when placed at a mounting height of 8' AFF. IES photometric data files are available.

Installation

The Diskuss housing is designed for direct mounting to a 3 1/2" octagonal, 4" octagonal or single gang junction boxes using convenient keyhole knockouts. The unit may also be connected to surface conduit via its top-located conduit entry knockout. A tamperproof fastener for attaching the cover is provided standard.

Dimensions



Dimensions are approximate and subject to change.

Diskuss

Architectural White LED Lighting Fixture

Optional Emergency Packages

7.2 Volt, 12 Watt, White LED Lamps

NiMH Battery, Standard Self-Diagnostics Electronics*

Wet Location Listing Standard



Shown: DNBRIC

Housing

Durable and fully gasketed die cast aluminum housing and cover with UV stabilized polycarbonate lens. A full range of pleasing architecturally inspired powder coated finishes are available (see below).

Wall mount to standard 3 1/2" or 4" octagonal junction box or single gang junction box. Surface conduit entry knockout located on top of housing. Tamperproof hardware is included standard.

Intelli-Charge Electronics

AC Only - 120/277 VAC dual voltage input with surge protection is standard on all models.

Self-Powered Operation - Charging system is micro-processor driven with software embedded diagnostic routine and temperature compensation. See specification sheet C1059 for electronics details. 120/277 VAC input, surge protection, brownout, AC lockout and low voltage disconnect features are standard.

Operating Temperature Range

AC-Only Models

Standard Wet Location: -40°F (-40°C) to 104°F (40°C)

Standard Wet Location w/ 2CKT Option: -40°F (-40°C) to 104°F (40°C)

Self-Powered Models

Standard Wet Location: 32°F (0°C) to 104°F (40°C)

Standard Wet Location w/ Heater Option: -40°F (-40°C) to 104°F (40°C)

Intelli-Charge Self-Testing Diagnostics (optional)

The Intelli-Charge diagnostic/charging platform with optional self-testing mode automatically runs a one-minute self-test every 30 days and a 30-minute test on the sixth and twelfth month. A one-minute or 90-minute test may be initiated via the push to test switch on the unit or by activating the appropriate test command on the optional IR test device.

* Self-powered models incorporate the Intelli-Charge diagnostics electronics package. Self-testing is a factory installed option.

Code Compliance

UL 1598 listed, UL 924 listed

UL wet location listing standard

NFPA 101, NEC, IBC, BOCA, and OSHA illumination standard

ADA compliant

Electrical Specifications

Input Power Requirements

AC Only Models

120 VAC: 60 Hz, 0.203A

277 VAC: 60 Hz, 0.087A

AC Only, 2 Circuit Models

120 VAC: 60 Hz, 0.203A

277 VAC: 60 Hz, 0.087A

Self-Powered Models Without Heater

120 VAC: 60 Hz, 0.198A

277 VAC: 60 Hz, 0.088A

Self-Powered Models With Heater

120 VAC: 60 Hz, 0.366A

277 VAC: 60 Hz, 0.148A

Battery

Maintenance-free sealed nickel metal hydride with 10-year life.

Warranty

Three year full electronics warranty

Five year full plus five year prorated NiMH battery warranty

Ordering Information (Example: DNBRIC)



SERIES



BATTERY



HOUSING FINISH



MODEL DESIGNATOR
IC = Intelli-Charge Diagnostics



FACTORY INSTALLED OPTIONS

ACCESSORIES (order as a separate line item)

ICIR = Intelli-Charge Infra-Red Remote
T10TPTOOL = Tamperproof Screwdriver

D = Diskuss LED Lighting Fixture

A = AC Only
N = Self-Powered Emergency Unit with Nickel Metal Hydride Battery (NiMH)

W = White
B = Black
A = Aluminum
G = Gunmetal
BR = Ornamental Bronze
AC = Aged Copper
VG = Velvet Green
N = Nickel
GA = Granite

2CKT1 = Two-Circuit 120/120 VAC (AC only models)
2CKT2 = Two-Circuit 277/277 VAC (AC only models)

DC = Universal 12-48 VDC Remote Emergency Input (AC only models)

EX = Special Input Transformer (specify voltage & frequency)

HR = Heater Option for -40°C to 40°C Ambient

T = Self-Testing Diagnostics

TA = Audible Self-Testing Diagnostics

TD = Time Delay

