

DESCRIPTION

The Arena Downlight 550 and 750 provide professional caliber sports lighting with features designed with indoor hockey and basketball arenas, field houses, and similar indoor sports venues in mind. Offering versatility and flexibility, the Arena Downlight 550 and 750 deliver controllable, maintenance-free, quality lighting with a great return on investment.

Catalog #		Type
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES

Construction

Solid-state design means no moving parts and nothing to wear out or replace, providing maintenance-free operation for hundreds of thousands of hours.

Optics

Custom-engineered optics direct light precisely where needed while minimizing glare.

Feedback

Telemetry to monitor health and status of each light is enabled through control system capabilities.

Customization

Multiple control options available for operational flexibility and fan experience effects.

Electrical

Ultra-low EMI noise generation eliminates interference with surrounding electrical systems.

Finish

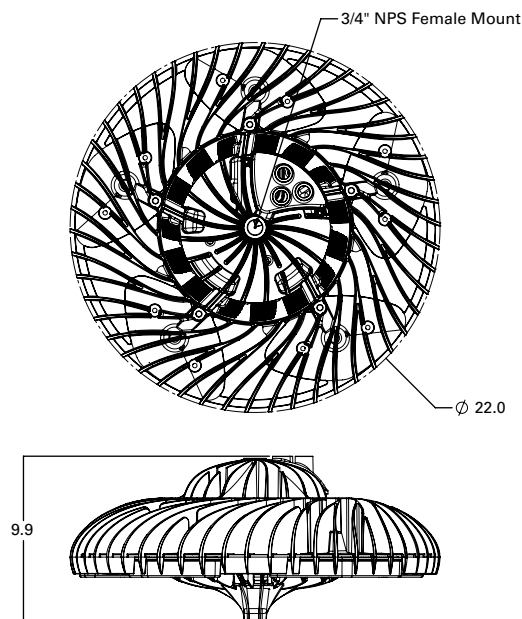
Rugged, weather-tight design ensures durability even in harsh environments.



ARENA DOWNLIGHT 550/750

SPORTS LIGHTING

DIMENSIONS



CERTIFICATION DATA

IP66 Rated
DesignLights Consortium® Qualified*

SHIPPING DATA

Approximate Net Weight:
45 lbs. (20.41 kgs.)

ORDERING INFORMATION

Sample Number: AD-750-2-VH-L840-BLK-AM

Series ¹	Model	Optics	Voltage	CCT	Fixture Color	Controls
AD=Arena Downlight	550=550 750=750	2=NEMA2 3=NEMA3 4=NEMA4 5=NEMA5 6=NEMA6	VH=High Voltage VL=Low Voltage	L840=80 CRI, 4000K L850=80 CRI, 5000K	BLK=Black WHT=White	AM=AirMesh LB10=LandBurst 0-10V ² LB=LandBurst DMX NC=No Controls ³

NOTES:

- DesignLights Consortium® Qualified. Refer to www.designlights.org Qualified Products under Family Models for details.
- To provide full range dimming capability across a wide array of 0-10V dimming systems, the Landburst 0-10V controls provide 1%-100% dimming across a control voltage input range of 1V to 7.5V. Full dimming curve is available upon request. Cooper Lighting cannot guarantee compatibility with all dimming control systems from all manufacturers. To ensure compatibility, please consult our control compatibility reference guide or contact Cooper Lighting for further assistance.
- If the "no controls" option is selected, note that it is not possible to install a control system at a later time.

ENERGY AND PERFORMANCE DATA

	Arena Downlight 550	Arena Downlight 750
Lumen Output	>64,000	>85,000
System Wattage	480	680
Input Voltage (High Voltage)	277-480VAC	277-480VAC
Input Voltage (Low Voltage)	120-240VAC	120-240VAC
L70 Hours	>170,000 at 25°C	>170,000 at 25°C
Operating Temperature Range	-40°C to 55°C	-40°C to 55°C
CRI (Color Rendering Index)	80	80
Surge (Common Mode / Differential Mode)	6kV	6kV
NEMA Rating	NEMA 4X	NEMA 4X
Effective Projected Area (EPA)	2.5 (sq. ft.)	2.5 (sq. ft.)
Approximate Weight	45 lbs. (20.45 kgs.)	45 lbs. (20.45 kgs.)

NOTES:

- The specifications listed were obtained under optimal testing conditions. Changes in options, features and conditions may result in slightly different performance specifications among fixtures.
- Weight may vary depending on mounting bracket selection.
- The Arena Downlight is equipped with rapid switching protection that requires a time delay between ON/OFF/ON switching. In the event of a power disruption, the power must remain off for a period of 6 seconds (at 480VAC) and 12 seconds (at 120VAC) to ensure proper fixture operation.