



# DL2000

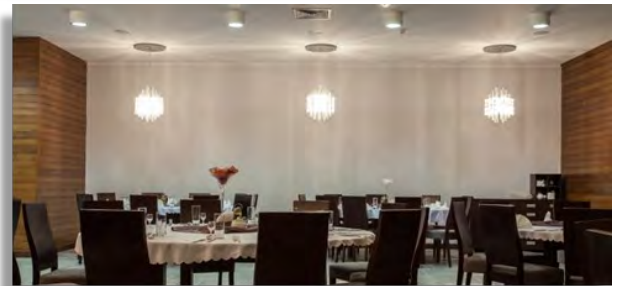
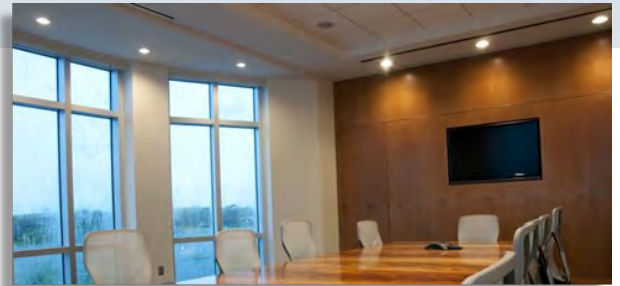
6" LED Downlight Module



## Uniform Illumination.

Heatron's DL2000 recessed downlight module allows lighting fixture manufacturers to expand their product lines and bring new LED fixtures to market quickly and affordably.

The advanced optical system offers a visually comfortable presentation while delivering 2100 lumens using a mere 40 watts of energy. Lighting class LEDs are used in conjunction with a mixing chamber and diffusing lens which shields direct view of LEDs. The reflector design balances the luminaire's brightness and provides a uniform, glare-free appearance.



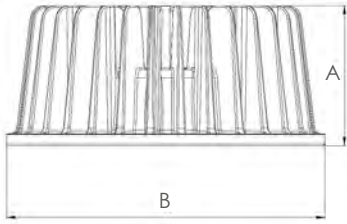
*Transforming Your Vision  
into Higher Performance Solutions*

# DL2000 6" LED Downlight Module

## Mechanical Dimensions

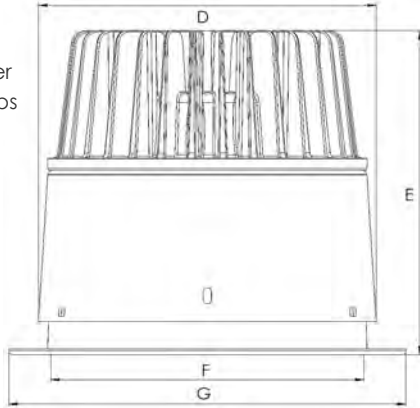
### Option 1

Lens, diffuser and retaining ring



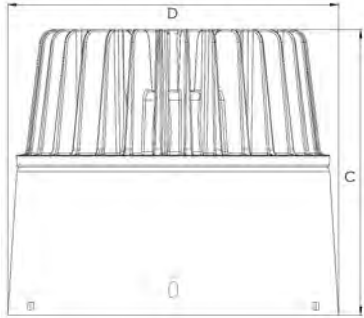
### Option 2

Lens, diffuser, lower housing, spring clips and trim ring



### Option 3

Lens, diffuser and lower housing



Dimensions	Inches	Millimeters
A	2.70	68.58
B	Ø 6.15	Ø 156.21
C	5.60	142.24
D	Ø 6.50	Ø 165.10
E	6.25	158.75
F	Ø 6.00	Ø 152.40
G	Ø 7.64	Ø 194.06
H	16.89	429.06

## Key Features

- Light intensity exceeds a 150W incandescent or 32W Watt CFL lamp
- Up to 2100 lumens
- 80+ CRI
- Color temperatures: 3000 K, 3500 K and 4000 K
- Internal optical interface for visually comfortable presentation
- 5 year limited warranty

## Product Features

### Wiring

- Side exit wiring port supplied with 15" armored aluminum BX cable
- Top exit wiring port supplied with 18" 18-gage wire with strain relief

### Lens

- Impact-resistant polycarbonate
- Diffusing for uniform illumination

### Certification and Compliance

- Tested in accordance with IESNA LM79 by an independent laboratory
- Estimated Lumen Depreciation (LM80 standard) 70% of initial lumens (L70) at 50,000 hours

## Technical Details

Optical Parameters	
CCT (Kelvin)	3000 K, 3500 K, 4000 K
Lumen Values	2100
Minimum CRI	80
Beam Angle	70

Electrical Parameters Ta = 25°C	Nominal	Maximum
Forward Voltage Volts DC	38.0	42.0
Forward Current Amps	1.05	1.05
Power Consumption Watts (W)	39.9	44.1

Operate with a 1050mA constant current LED driver capable of operating up to 48 Watts. Actual wattage may vary by +/-10%. Driver not supplied by Heatron.

Operating Conditions	Typical	Maximum
Ambient Operating Temperature °C	25°	35°
Case Temperature °C (Tc)		70°
Storage Temperature Range °C	-25° to +50°	

Operation beyond recommended maximum levels may result in a reduction of product performance and lifetime.

## Ordering Information Example: JDHT6R-A1430-8070-S01-NSA

Internal	Series	Internal	Color Temperature	Minimum CRI	Beam Angle	Wiring Port Location	Option	Internal
JDHT	6R	A14	30 - 3000 K 35 - 3500 K 40 - 4000 K	80 80 80	70°	T Top S Side	01 - lens, diffuser and retaining ring 02 - lens, diffuser, lower housing and trim ring 03 - lens, diffuser and lower housing	NSA