

# Contractor Series

## LED High Lumen Lamps



### Key Features & Benefits

- Lumen Package:
  - 1500 lumens @ 15 watts
  - 5000 lumens @ 50 watts
  - 8000 lumens @ 80 watts
  - 15000 lumens @ 150 watts
- Replacement for 50W-250W HID medium base/mogul base applications
- CCT: 4000K, 5000K
- CRI of 83
- 360° illumination
- 35,000 hour life (L<sub>70</sub>)
- Reduces energy consumption up to 50%
- Type V distribution
- Rated for 2.5kV surge
- Heat and impact resistant, UV protected, non yellowing polycarbonate lens/reflector
- 120-277 input voltage
- Lasts up to 2 times longer than HID lamps
- No warm-up time, instant-on with full light output and stable lamp to lamp color
- Shock resistant-tested to 3G vibration
- Tested up to 113°F ambient temperature within fixture
- ETL listed for damp locations
- Metal tether for added safety on 50W, 80W and 150W units

### Product Offering

Ordering Abbreviation	Wattage	Lumen Output	Color Temperature	CRI
LED High Lumen	15	1500	4000K	80+
LED High Lumen	50	5000	4000K, 5000K	80+
LED High Lumen	80	8000	4000K	80+
LED High Lumen	150	15,000	5000K	80+

### Application Information

#### Applications

- Indoor
  - High bay
  - Low bay
- Outdoor
  - Bollards
  - Decorative post top
  - Walkway lighting

#### Application Notes

1. Operating temperature range between -40°F and +113°F (-40°C and +45°C) .
2. Existing HID ballast needs to be bypassed.
3. Verify fixture size before installation to ensure fit.
4. Not suited for outdoor fixtures with air vents.
5. Should not be directly exposed to water/humidity.
6. Suitable for indoor/outdoor use.
7. Can be used in enclosed fixtures.
8. For detailed warranty information, please see [www.sylvania.com/warranty](http://www.sylvania.com/warranty).
9. Not intended for use in dimming applications.

#### Specifications and Certifications



## Specification Data

Catalog #	Type
Project	
Comments	
Prepared by	

### Specifications

#### Energy Data

**Minimum Starting Temp:** -40°F (-40°C)  
**EMI/RFI:** FCC Title 47 CFR, Part 15, Class A  
**Input Voltage:** 120-277V  
**Power Factor:** >0.90

**Input Frequency:** 60Hz  
**THD:** <30%  
**Input Power:** 15W, 50W, 80W, 150W  
**Maximum Ambient Operating Temperature:** 113°F (45°C)

#### Lighting Data

**Lumen Output:** 1500, 5000, 8000 and 15,000  
**Lumens per Watt:** Up to 100

#### Color

**Correlated Color Temperature (CCT):** 4000K, 5000K  
**Color Rendering Index (CRI):** 80+  
**Product Weight:**  
**15W:** 0.5 lbs. (0.2kg)  
**50W:** 1.2 lbs. (0.6kg)  
**80W:** 2.4 lbs. (1.1kg)  
**150W:** 3.4 lbs. (1.5kg)

### Ordering Information

Item Number	Ordering Abbreviation	Nominal Wattage (W)	Lamp Base	Delivered Light Output (lm)	Case Quantity	Color Temperature	CRI	Avg. Rated Life (hrs.)*
74723	LEDHIDR1500840CONTRACTOR	15	Medium	1500	4	4000K	80+	35,000
74726	LEDHIDR5000850CONTRACTOR	50	Medium	5000	4	5000K	80+	35,000
74727	LEDHIDR5000840CONTRACTOR	50	Medium	5000	4	4000K	80+	35,000
74748	LEDHIDR8000840CONTRACTOR	80	Mogul	8000	4	4000K	80+	35,000
74750	LEDHIDR15000840CONTRACTOR	150	Modul	15,000	4	4000K	80+	35,000
74751	LEDHIDR15000850CONTRACTOR	150	Mogul	15,000	4	5000K	80+	35,000
75055	LED/ADAPTOR/MOGLBASE							

LED lamp life is defined as the number of hours when 50% of an average group of identical lamps reached 70% of its initial lumens.

### Ordering Guide

LED	/	HIDR	/	1500	/	8	/	40	/	CONTRACTOR
LED	/	Product Name HID Replacement	/	Light Output 1500lm, 5000lm, 8000lm, 15000lm	/	CRI >80	/	Color Temperature 4000K, 5000K	/	Contractor Series

### Lamp Dimensions

	(A) MOL (inches)	(B) Diameter (inches)
15W High Lumen	5.9	2.4
50W High Lumen	10.2	3.6
80W High Lumen	8.6	5.6
150W High Lumen	11.5	5.6

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