

ELS 100 watt E40 Base Lamp Specification and Data Sheet

Our 100 watt E40 lamp is a direct replacement for 400 watt HID lamps. This lamp reduces your energy consumption up to 75% of your current use. Our LED lamp is a low heat emitting lighting source, which reduces HVAC loads and temperatures. The LED high powered lamp produces No UV or IR. The life span of the lamp greatly reduces maintenance costs.

Fixture Usage

Down Lighting, Industrial, Commercial, Warehouse Lighting Applications, High Bay Lamp Replacement, 400 watt HID Lamp Replacement

Product Features

Lumen Output	10,000 Lumens
Power Consumption	100 watts
Color Temperature	
Warm White	3000-2500K
Neutral White	4000-4500K
Cool White	6000-6500K
CRI	80
Power Factor	>0.90
Power Rating	>0.90
Beam Spread	120°
Materials	Finned Aluminum + PC
Lamp Equivalency	400 Watt HID Fixture
Emitter Type	Bridgelux 1 watt chips
Rated Power Converter Life	>50,000 Hours
Lumen Maintenance	70%
Operating Temperature	-40° C to +80° C
Voltage	90 - 277 AC, 50-60 Hz
Base	E40 Mogul Base
Package Dimensions	204mm x 278mm
Warranty	3 Year Limited Warranty
Certification	CE, RoHS Compliant
IP Rating	IP54

Fixture Ordering Information

Watts	Model Number	Beam	Lumens	Life Span	CCT
100	ELSMHR10030	120°	8,900	>50,000	3,500
100	ELSMHR10045	120°	9,600	>50,000	4,500
100	ELSMHR10060	120°	10,000	>50,000	6,000

PROJECT NAME
CATALOG NUMBER
NOTES
FIXTURE TYPE



RoHS 
Compliant

