



### Benefits

- Comprehensive solution with driver electronics, optics and core Thermals
- High efficiency, up to 62 lm/W for cool white
- High CRI, 83 for 3000K, 4000K, 78 for 6000K
- Designed to last at least 35,000 hours at L70
- Supports dimming to 20% of rated light output
- With clear and soft light
- 2 years warranty

### TYPICAL APPLICATIONS




- Hospitality
- Offices
- Shopping mall

## XeonD™ R3 10W Downlight

The XeonD™ R3 10W downlight is an amazing combination of technical innovations, including breakthroughs in optical design, electronics design, mechanical design, and thermal management. The core of the innovation is a new way to generate whitelight with LG COB high quality LEDs.

Designed to easily replace existing 3" downlight (CFL 1x18W )or in new construction applications. The XeonD™ R3 provides higher efficacy and longer life than Compact Fluorescent Lamps with the beautiful light quality that you would expect from an incandescent. Hundreds of thousands of XeonD™ R3 units are in use in homes and businesses around the world.

### Specifications

<b>Power Consumption</b>	10 Watts
<b>Lumen Output</b>	
Cool White	620 lm
Natural White	600 lm
Warm White	560 lm
<b>Efficacy</b>	
Cool White	62 lm/W
Natural White	60 lm/W
Warm White	56 lm/W
<b>Color Temperature(Typical)</b>	
Cool White	6000K
Natural White	4000K
Warm White	3000K
<b>Color Rendering Index (CRI)</b>	
Cool White	78
Natural White	83
Warm White	83
<b>Rated Life</b>	35,000hrs, 70% Lumen Maintenance
<b>Environment</b>	
WORKING TEMP.,HUMIDITY	-20 ~ +40°C , 20 ~ 95% RH
STORAGE TEMP.,HUMIDITY	-20 ~ +80°C , 10 ~ 95% RH
<b>Voltage</b>	AC200-250V, 50,60Hz
<b>Dimension</b>	Φ115mm x H92mm
<b>Warranty</b>	2 Year Limited
<b>Symbols</b>	  

Notes: Lumstar maintains a tolerance of ±7% on flux measurements.

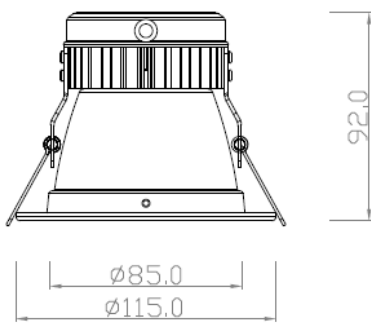
## Ordering Informations

Example: XDR3-10W-CWCNS


Family	Series	Power Consumption	Color Temperature	Input Voltage	Dimmable	Surface
XD	R3	10W 10 Watts	CW Cool White	C 200-250VAC@50,60Hz	D Dimmable	S Silvery
XeonD™	3" Downlight		NW Natural White	D 100-130VAC@60Hz	N Non Dimmable	W White
			WW Warm White			

## Dimensions & Installation

Unit:mm



Cut out: 90~100 mm



Ceiling thickness: 5~25 mm

