

# LUMIWISE<sup>®</sup>

## LED CEILING LIGHT SPECIFICATION

### PL-R D450



Note: Lumiwise may change product specifications and installation guidance without prior notice.

# PL-R D450

Thanks to our round and slim design ,PL-R series is classic ceiling light to meet wide interior space lighting with different mounting solutions.

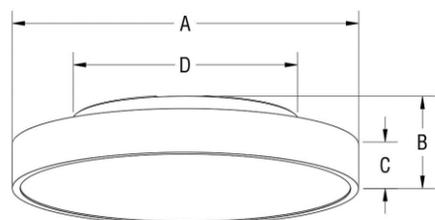


## Features & Benefits

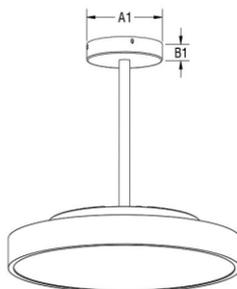
- High efficiency 130m/W
- Ceiling light is with AL6063 aluminum housing
- Opal or Microprismatic diffuser UGR<16
- 100% Direct , 25% indirect& 75% direct
- 350mm,450mm, 600mm, 900mm, 1200mm option
- Color Temperature 3000K 4000K
- 2/3 CCT Dipswitch adjustment or Tunable white
- Indirect and direct light seperated Control
- Multiple Color finishes available
- multiple installation ways available as surface mounted, recessed, Suspended
- 5 Year Warranty



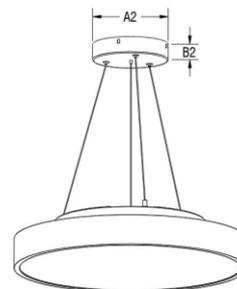
## Dimension (Unit : mm)



Ceiling Mounted



Rod Suspended



Wire Suspended

Item Number	Size A(mm)	Size B(mm)	Size C(mm)	Size D(mm)	A1/A2*B1/B2
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PL-R-450-30-XXDT Direct

PL-R-450-40-XXDI Direct/Indirect

450

92

55

372

150\*30

Dimension	Efficacy	Lumen Output	Watt	Dimming	CCT	CRI
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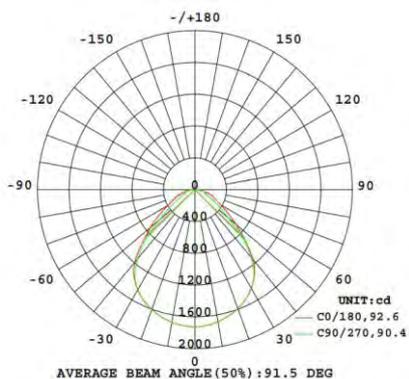
450mm	Direct	3600lm	30W	On/OFF	3000k/4000k/5000k Fixed&Switched	>80
	Direct/Indirect	4800lm	40W	DALI		
	(up:down=1:3)			On/OFF		
			DALI			

## Technical Data

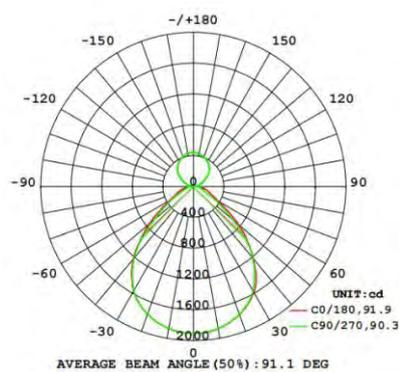
General	Size	D450*H92mm
	Color	White(RAL9016),Black(RAL9005) as standard, other finish available on request
	Material	Aluminum + PMMA Microprismatic diffuser/Opal diffuser
Electrical	Efficacy	130-140lm/W
	Wattage	17W-45W(lumenoutput tolerance +5%, power tolerance +5%)
	Voltage	AC220-240V
	Frequency	50/60Hz
	THD	<20%
Optical	Lumen Output	2100-4500lm
	CCT	3000K/4000K/5000K&2&3CCT selectable, 2700K-6500K Tunable White
	Light Source	SMD2835
	CRI	>80Ra as standard(>90Ra available)
	Beam Angle	90°for downlight,120°for uplight
	SDCM	<5 as standard(<3 available)
Durability	Lifespan	50,000H(L80,Tc 55 ° C)
	Warranty	5 years
	Operating Temperature	-20~+40 ° C
	IP Protection	IP20
	IK Protection	IK02
Function	Dimmable	No dimming/DALI as standard Tunable white, 3 CCT selectable available
	Control	Up and down lighting seperated control available
	Sensor	Motion sensor&Daylight sensor available on request



## Photometric data



DirectLighting



Indirect/DirectLighting

## Order Information

Product Name	Diameter	Watt	Light Distribution	Dimming	CCT
PL-R- Product family	450-450mm	20-20W 30-30W	DT-Direct Lighting DI-Direct/Indirect Lighting	01-On/Off 02-DALI Dimming	30-3000k 40-4000k 50-5000k
CRI	Finish				
08-Ra80	W-White				
09-Ra90	B-Black				

Example: PL-R-450-30-0140K08DTW

Expplanation: PL-R Light, 450mm , 30W, Direct Lighting, On/Off, 4000K, 80CRI, White Finish

## Applications

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fashion



home store



department store



automotive

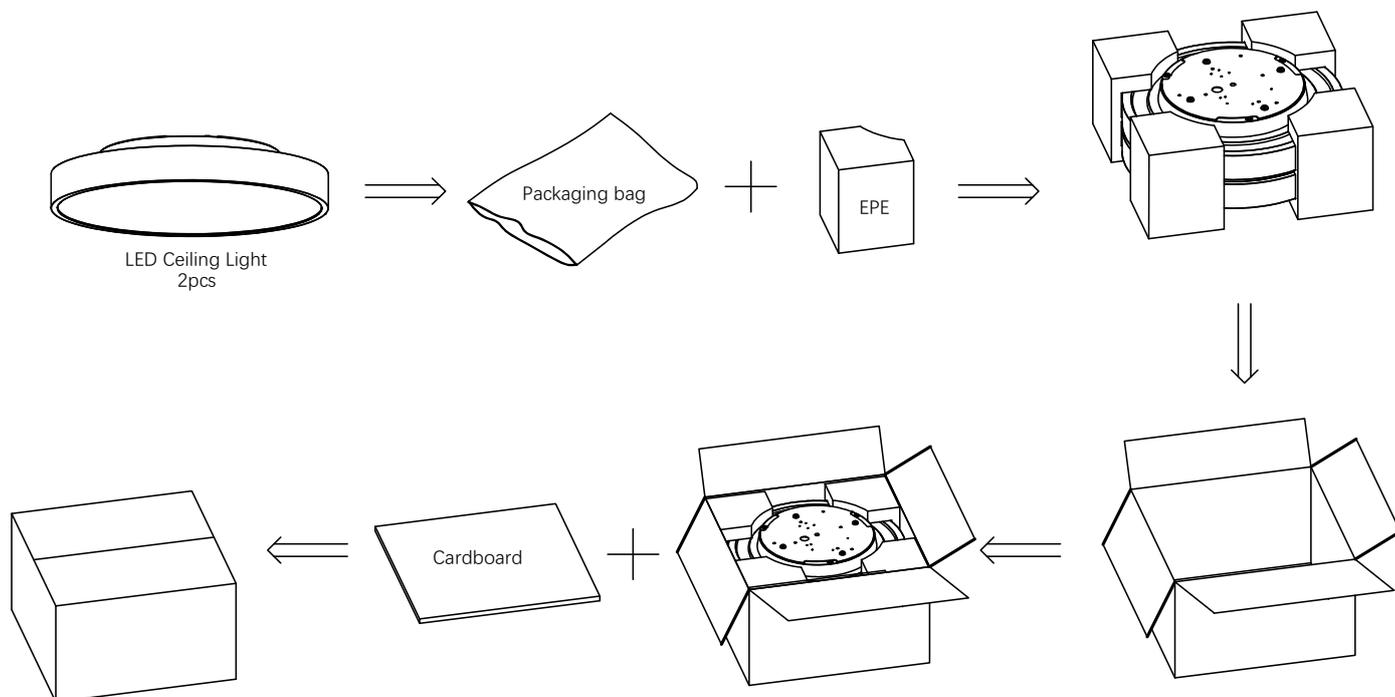
consumer  
electronics

food

Widely applied for general lighting in office retail shops, galleries, museum Living Room or any other interior lighting.



## Package Info



Package	Carton Size (mm)	Carton L (cm)	Carton W (cm)	Carton H (cm)	Total Volume (CBM)	20ft Container (pcs)	40ft Container (pcs)	40HQ Container (pcs)
	Ø450	49	49	20.5	0.049	1142	2366	2774