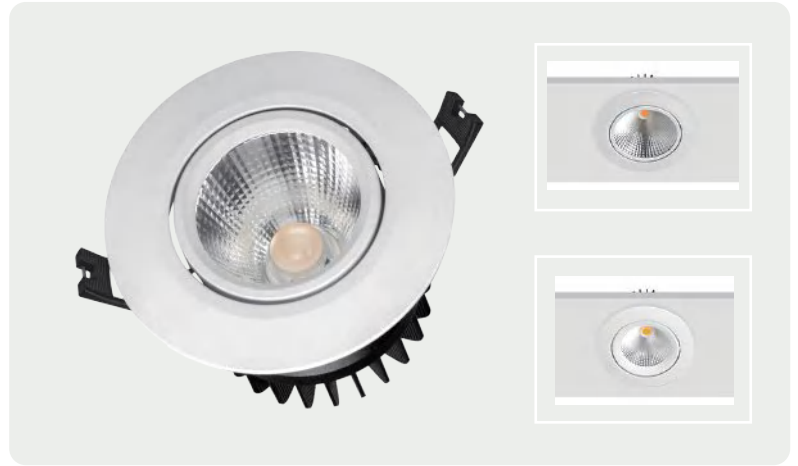


Architectural / Downlight

# LED Downlight

WHY-RDL Series

A slim recessed LED downlight covering 8W to 90W at 100-120LM/W, available in nine cutout sizes from Ø65mm to Ø230mm and two inner bezel styles (A/B). Three beam angles (24°, 40°, 60°), UGR 17-21, IP42 protection, CRI options to Ra 97, and a 5-year warranty make it a versatile, dependable solution for shopping malls, offices, hotels, and residential interiors.



## KEY FEATURES



### Driver High Power Factor (PF >0.9)

High power factor driver delivers energy-efficient, stable operation with consistent light output across the full power range.



### Two Inner Bezel Styles (A/B)

Choice of two inner ring profiles accommodates different interior design aesthetics, from contemporary to classic.



### CRI up to Ra 97

Three colour rendering options (Ra 80, Ra 90, Ra 97) support precise specification for retail merchandise, hospitality, and premium residential applications.



### Three Beam Angle Options

24°, 40°, and 60° beam angles provide spot, medium flood, and wide flood distributions for flexible accent and general lighting configurations.



### UGR 17-21 Mild Anti-Glare

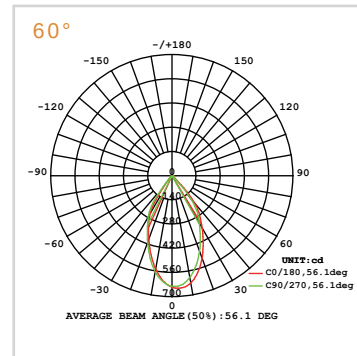
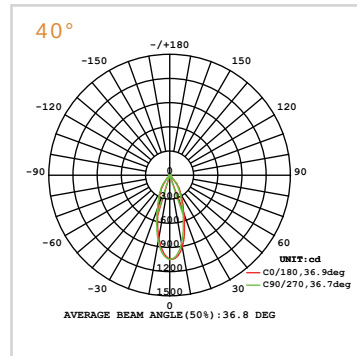
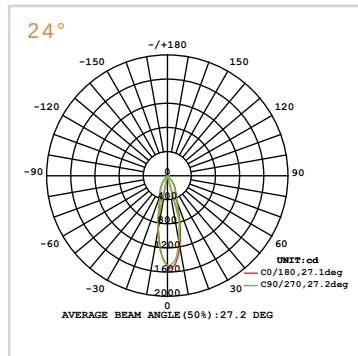
Unified glare rating of 17-21 delivers comfortable, low-glare illumination suitable for prolonged occupancy in retail, office, and residential environments.



### IP42 Protection & 5-Year Warranty

IP42 dust and moisture resistance with a 50,000-hour LED lifespan and comprehensive 5-year machine warranty for long-term reliability.

## BEAM DISTRIBUTION



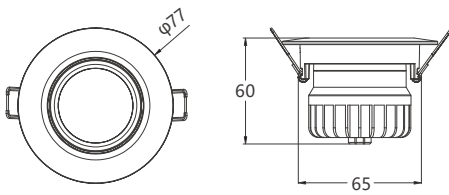
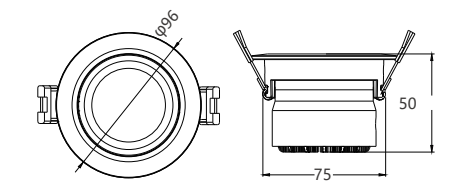
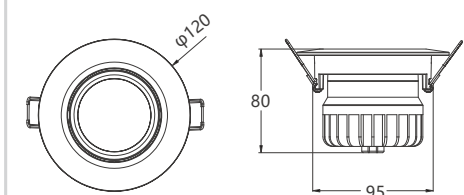
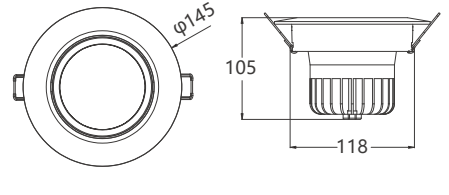
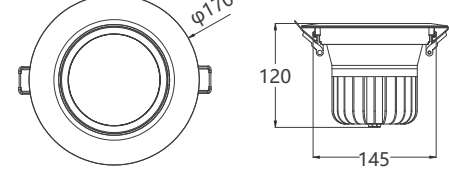
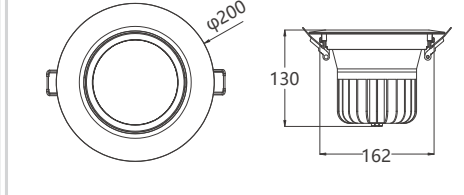
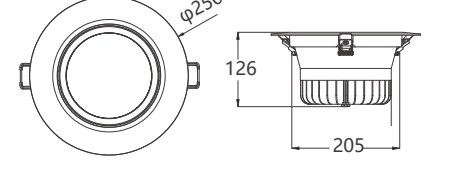
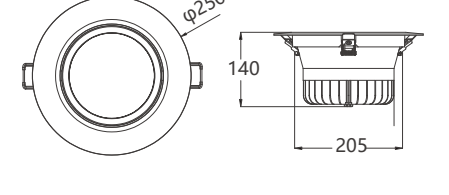
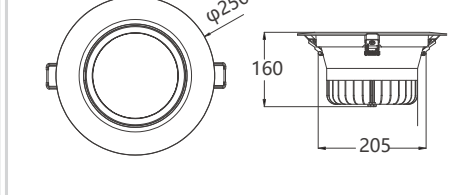
MODEL VARIANTS

Mode	Wattage	Luminous Efficacy	Size
WHY-RDL-8W	8W	100-120lm/W	65*60*77mm
WHY-RDL-10W	10W	100-120lm/W	75*50*96mm
WHY-RDL-15W	15W	100-120lm/W	95*80*120mm
WHY-RDL-20W	20W	100-120lm/W	118*105*145mm
WHY-RDL-32W	32W	100-120lm/W	145*120*170mm
WHY-RDL-42W	42W	100-120lm/W	162*130*200mm
WHY-RDL-52W	52W	100-120lm/W	205*126*250mm
WHY-RDL-72W	72W	100-120lm/W	205*140*250mm
WHY-RDL-90W	90W	100-120lm/W	205*160*250mm

TECHNICAL SPECIFICATIONS

CCT	2700K-7000K
CRI	Ra:80, Ra:90, Ra:97
PF	>0.9
Input Voltage	200-240VAC
Beam angle	24°/40°/60°
Anti-glare	UGR17-21
Inner bezel	A/B
Lifespan	50,000 hours
Warranty	5years

DIMENSION (MM)

 <p>cutout:φ68-72mm</p>	 <p>cutout:φ75-80mm</p>	 <p>cutout:φ95-108mm</p>
<p>WHY-RDL-8W</p>	<p>WHY-RDL-10W</p>	<p>WHY-RDL-15W</p>
 <p>cutout:φ118-130mm</p>	 <p>cutout:φ145-155mm</p>	 <p>cutout:φ162-180mm</p>
<p>WHY-RDL-20W</p>	<p>WHY-RDL-32W</p>	<p>WHY-RDL-42W</p>
 <p>cutout:φ205-230mm</p>	 <p>cutout:φ205-230mm</p>	 <p>cutout:φ205-230mm</p>
<p>WHY-RDL-52W</p>	<p>WHY-RDL-72W</p>	<p>WHY-RDL-90W</p>

APPLICATION PLACES

- Cosmetics store
- Gallery
- Museum
- Cafe
- Office building
- Hotel
- Living room
- Automobile 4S showroom
- Optical shop