

Architectural / Downlight

LED Downlight

WHY-ADL Series

A slim recessed LED downlight covering 8W to 52W at 100-120LM/W, available in seven cutout sizes from \varnothing 65mm to \varnothing 230mm. UGR 8-12 deep anti-glare design, IP44-rated die-cast aluminium housing, and four selectable beam angles (15°, 24°, 36°, 60°) with CRI options up to Ra 97 make it suited to premium retail, gallery, hospitality, and commercial interior applications.



KEY FEATURES



Energy-efficient

Rated power: 8.6W, PF>0.9 high power factor, energy saving and consumption reduction.



Customisable Bezel & Finish

Available in white or black with customisable shell colours; three inner bezel styles (X/D/T) allow aesthetic matching across diverse interior schemes.



Universal Cutout Sizes

Seven housing sizes covering \varnothing 65 mm to \varnothing 230 mm cutouts enable straightforward replacement of existing downlights without ceiling modification.



Four Beam Angle Options

Available in 15°, 24°, 36°, and 60° beam angles - from narrow accent spot to broad flood -accommodating diverse spotlighting and general illumination requirements.



UGR 8-12 Deep Anti-Glare Design

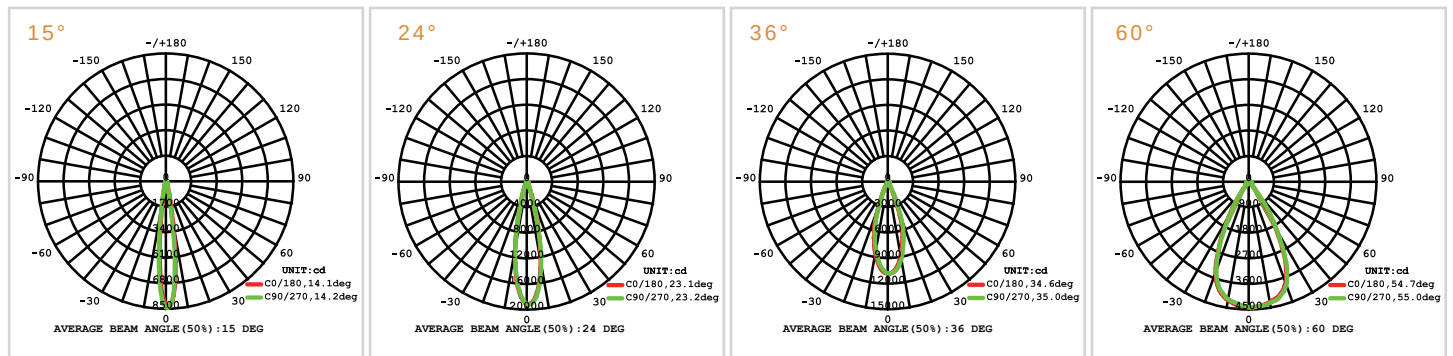
Low unified glare rating of 8-12 ensures comfortable, glare-free illumination for retail, gallery, and hospitality environments where visual comfort is critical.



IP44 Die-Cast Aluminium Housing

Robust IP44-rated die-cast aluminium construction provides reliable dust and splash protection with long-term dimensional stability.

BEAM DISTRIBUTION



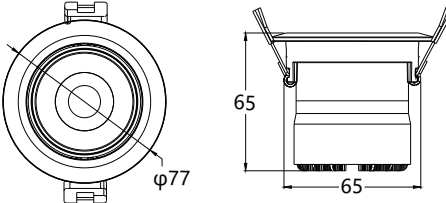
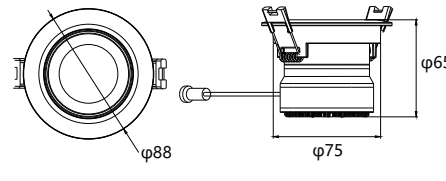
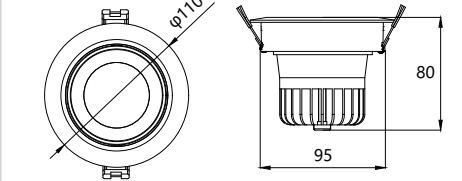
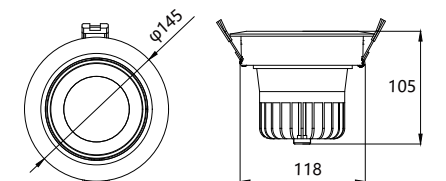
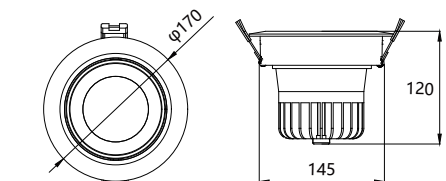
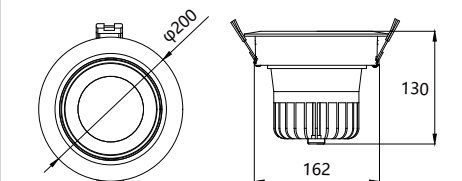
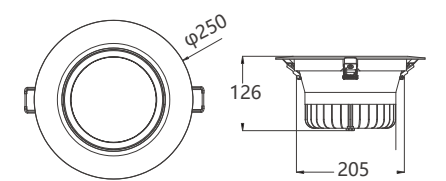
MODEL VARIANTS

Mode	Wattage	Luminous Efficacy	Size
WHY-ADL-8W	8W	100-120lm/W	65*65*77mm
WHY-ADL-10W	10W	100-120lm/W	75*65*88mm
WHY-ADL-15W	15W	100-120lm/W	95*80*110mm
WHY-ADL-20W	20W	100-120lm/W	118*105*145mm
WHY-ADL-32W	32W	100-120lm/W	145*120*170mm
WHY-ADL-42W	42W	100-120lm/W	162*130*200mm
WHY-ADL-52W	52W	100-120lm/W	205*126*250mm

TECHNICAL SPECIFICATIONS

CCT	2700K-7000K
CRI	Ra:80, Ra:90, Ra:97
PF	>0.9
Input Voltage	200-240VAC
Housing Color	white, black, customized
Anti-glare	UGR8-12
Inner bezel	X/D/T
Lifespan	50,000 hours
Warranty	5years

DIMENSION (MM)

 <p>cutout:φ65-70mm</p> <p>WHY-ADL-8W</p>	 <p>cutout:φ75-80mm</p> <p>WHY-ADL-10W</p>	 <p>cutout:φ95-100mm</p> <p>WHY-ADL-15W</p>
 <p>cutout:φ118-132mm</p> <p>WHY-ADL-20W</p>	 <p>cutout:φ145-155mm</p> <p>WHY-ADL-32W</p>	 <p>cutout:φ162-180mm</p> <p>WHY-ADL-42W</p>
 <p>cutout:φ205-230mm</p> <p>WHY-ADL-52W</p>		

APPLICATION PLACES

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