SPEC SHEET

wayfair | LED Baffle Recessed Downlight

This slim LED downlight features a durable aluminum die-cast frame with a powder-coated finish for enhanced resistance to rust and corrosion. Its Type IC-rated, airtight design allows direct installation in insulated ceilings without a traditional recessed housing. The ultra-slim profile is ideal for new construction and remodeling projects with limited ceiling space, while edge-lit LED technology, a light guide plate, and a polycarbonate lens provide smooth, uniform illumination with reduced hot spots.

Application: Living rooms, bedrooms, offices, lobbies, conference rooms, and other residential and commercial spaces.

SPECIFICATIONS								
Power	6W	9W	12W	18W	6W	9W	12W	18W
Trim Shape	Baffle Trims - Round				Baffle Trims - Square			
Size	3″	4″	6″	8″	3″	4″	6″	8″
Lumens	440LM	720LM	880LM	1420LM	430LM	710LM	950LM	1400LM
Input Voltage	120 V			120-277V	120 V			120-277V
Dimming	Triac Dimming			0-10V	Triac Dimming			0-10V
Can Rating	Type IC							
Power Factor	0.9+							
Beam Angle	110°							
CCT	2700K/3000K/3500K/4000K/5000K							
CRI	90+							
Rated Life	Lumen Maintenance over 70% @50,000+ hours							
Oper. Temperature	-4°F to 104°F (-20°C to 40°C)							
Ingress Protection	IP20, Wet Rated							

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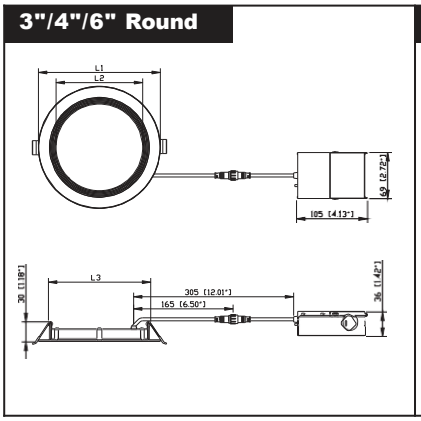
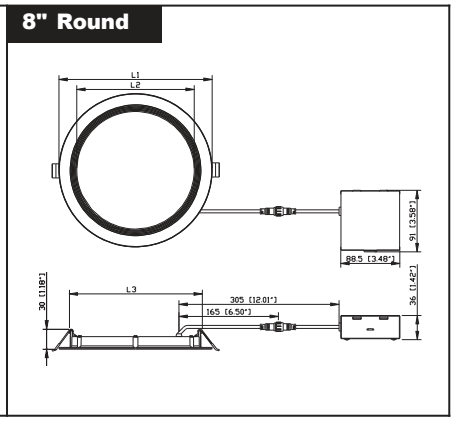
DIMENSIONS

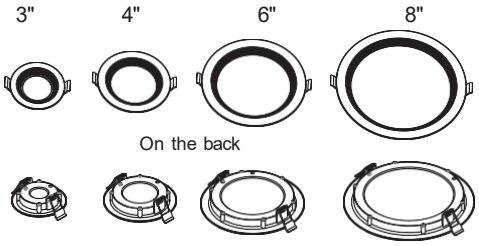
3"/4"/6" Round



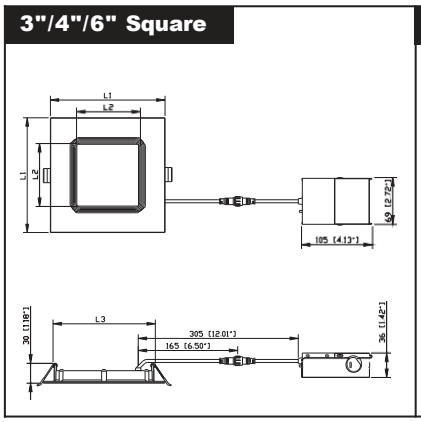
8" Round



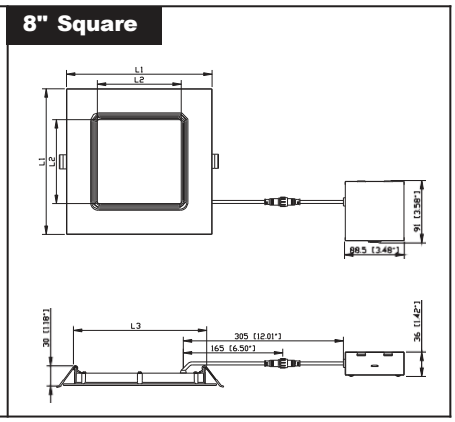
Model No. \ Side	L1	L2	L3
HY-BFDL-R3-6W -5CCT	⌀ 95mm (⌀ 3.74")	⌀ 50mm(⌀ 1.97")	⌀77mm(⌀3.03")
HY-BFDL-R4-9W -5CCT	⌀ 128mm (⌀5.04")	⌀ 81mm(⌀ 3.19")	⌀104mm(⌀4.09")
HY-BFDL-R6-12W -5CCT	⌀ 182mm (⌀7.17")	⌀ 129mm(⌀ 5.08")	⌀153mm(⌀6.02")
HY-BFDL-R8-18W -5CCT	⌀228.5mm (⌀8.99")	⌀ 175mm(⌀ 6.89")	⌀199mm(⌀7.83")



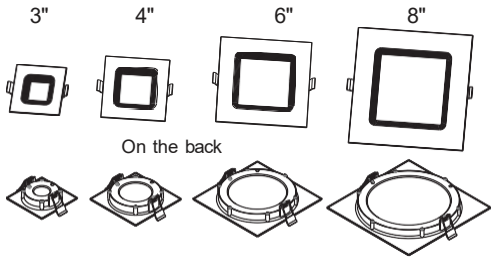
3"/4"/6" Square



8" Square



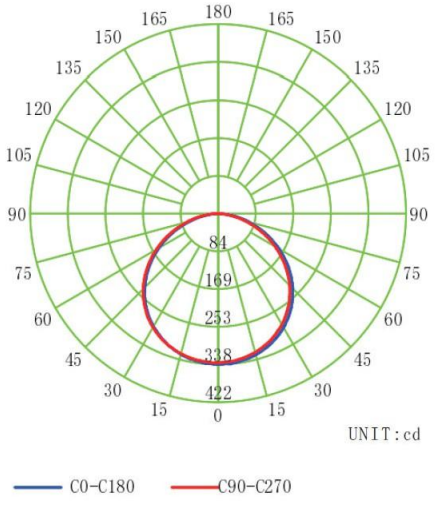
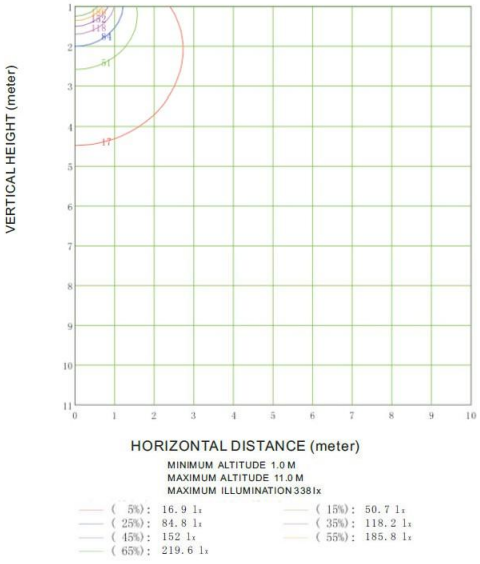
Model No. \ Side	L1	L2	L3
HY-BFDL-S3-6W -5CCT	94.5mm(3.72")	37mm(1.46")	⌀ 77mm (⌀3.03")
HY-BFDL-S4-9W -5CCT	121mm(4.76")	57.5mm(2.26")	⌀ 104mm (⌀4.09")
HY-BFDL-S6-12W -5CCT	171mm(6.73")	92mm(3.62")	⌀ 153mm (⌀6.02")
HY-BFDL-S8-18W -5CCT	217mm(8.54")	125mm(4.92")	⌀ 199mm (⌀7.83")



PHOTOMETRIC REPORT

12W 6" Round LED Downlight

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



VERTICAL EQUILUMINOUS CURVE