

Commercial Downlight Baffle Series

4"/6"/8"/10"/12" Commercial Downlight Baffle

Commercial Downlight Baffle

The **Commercial Downlight Baffle Series** is a versatile recessed lighting solution designed for commercial and architectural applications requiring comfortable, low-glare illumination. **Featuring a deep baffle trim design, selectable wattage, and 3CCT functionality**, it provides flexible lighting performance while improving visual comfort. Ideal for **offices, retail stores, hospitality spaces, corridors, and residential interiors**, the series delivers clean ceiling integration with reliable LED efficiency.



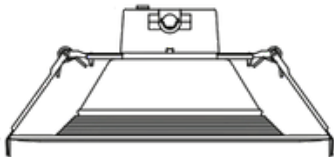
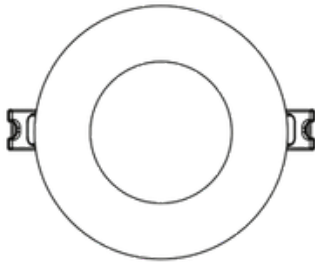
Key Features — Commercial Downlight Baffle

- Baffle trim design for reduced glare and visual comfort
- Available in 4", 6", 8", 10", and 12" sizes
- 3CCT selectable (3000K / 4000K / 5000K)
- Selectable wattage for flexible lumen output
- TRIAC dimming compatible
- 120–277V wide voltage input
- High-efficiency LED performance
- Uniform and comfortable illumination
- CRI 80+ for consistent color rendering

	4 Inch	6 Inch	8 Inch	10 Inch	12 Inch
Color Temp.	30/40/50K	30/40/50K	30/40/50K	30/40/50K	30/40/50K
Wattage	9/12/15W	12/16/20W	16/21/27W	22/28/35W	30/40/50W
Lumens	846/1128/ 1410LM	1140/1520/ 1900LM	1448/1953/ 2524LM	2300/3000/ 3700LM	3000/4000/ 5000LM
Voltage	120-277V	120-277V	120-277V	120-277V	120-277V
Dimming	TRIAC	TRIAC	TRIAC	TRIAC	TRIAC
CRI	80+	80+	80+	80+	80+



Dimension



Item Number	A(Diameter)	B(Hight)	Hole Size
4 Inch	12"	3.4"	4.25"
6 Inch	14"	3.75"	6.3"
8 Inch	16"	4.3	7.87"
10 Inch	18"	4.5"	9.8"
12 Inch	13.39"	5.12"	11.02"

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Technical Summary

Description	Wattage	Lumens	Color Temp.	Voltage	CRI	Dimming
4" Commercial Downlight	9/12/15W	846/1128/1410LM	30/40/50K	120-277V	80+	TRIAC
6" Commercial Downlight	12/16/20W	1140/1520/1900LM	30/40/50K	120-277V	80+	TRIAC
8" Commercial Downlight	16/21/27W	1448/1953/2524LM	30/40/50K	120-277V	80+	TRIAC
10" Commercial Downlight	22/28/35W	2300/3000/3700LM	30/40/50K	120-277V	80+	TRIAC
12" Commercial Downlight	30/40/50W	3000/4000/5000LM	30/40/50K	120-277V	80+	TRIAC

Construction

- Durable aluminum housing for excellent heat dissipation
- Deep baffle trim structure for improved lighting comfort
- Heavy-duty construction for commercial environments
- Designed for long-term reliability and stable operation

Driver

- 120–277V wide voltage input
- Supports TRIAC dimming
- Integrated high-performance LED driver
- Stable, flicker-free, and energy-efficient operation

Optics

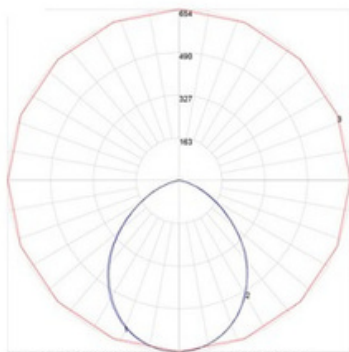
- 3CCT selectable color temperature (3000K / 4000K / 5000K)
- Baffle reflector design minimizes glare and light spill
- Uniform and comfortable light distribution
- High-efficiency LED array for stable illumination
- CRI 80+ for natural and accurate color rendering

Mount

- Suitable for commercial and residential applications
- Recessed ceiling installation
- Compatible with optional mounting accessories:
 - Mounting Plate for 4"/6"/8" (MRSDMP-468)
 - Mounting Plate for 2"/3"/4"/5"/6" (MRSDMP-23456)
- Wet location rated, suitable for bathrooms and covered outdoor ceilings

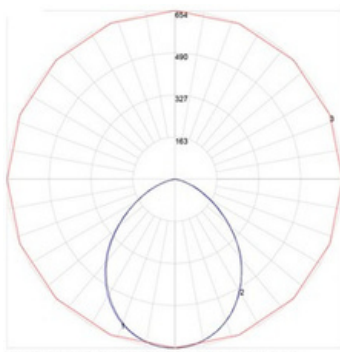
Photometry

15W-3CCT



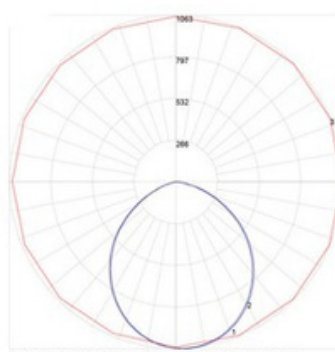
Maximum Candela = 653.88 - Located At Horizontal Angle = 112.5, Vertical Angle = 1
1 - Vertical Plane Through Horizontal Angles (112.5 - 292.5) (Through Max. Cd.)
2 - Vertical Plane Through Horizontal Angles (0 - 180)
3 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)

20W-3CCT



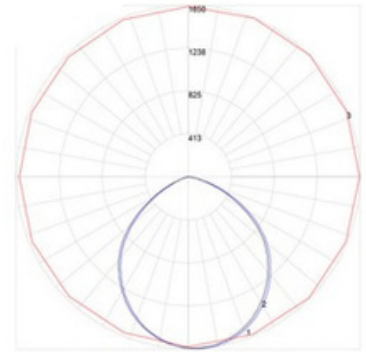
Maximum Candela = 653.88 - Located At Horizontal Angle = 112.5, Vertical Angle = 1
1 - Vertical Plane Through Horizontal Angles (112.5 - 292.5) (Through Max. Cd.)
2 - Vertical Plane Through Horizontal Angles (0 - 180)
3 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)

27W-3CCT



Maximum Candela = 1063.07 - Located At Horizontal Angle = 32.5, Vertical Angle = 5
1 - Vertical Plane Through Horizontal Angles (32.5 - 202.5) (Through Max. Cd.)
2 - Vertical Plane Through Horizontal Angles (0 - 180)
3 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

35W-3CCT



Maximum Candela = 1653.4 - Located At Horizontal Angle = 45, Vertical Angle = 5
1 - Vertical Plane Through Horizontal Angles (45 - 225) (Through Max. Cd.)
2 - Vertical Plane Through Horizontal Angles (0 - 180)
3 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

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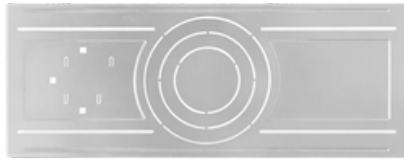
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Accessories (SOLD SEPARATELY)

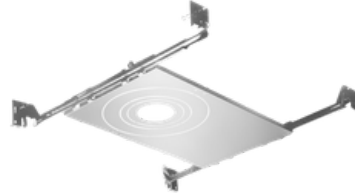
Emergency Backup 8W/18W/32W



Mounting plate for 4"/6"/8" Can-less downlight



Mounting Plate for 2"/3"/4"/5"/6" Can-less Downlight



Black Trim

