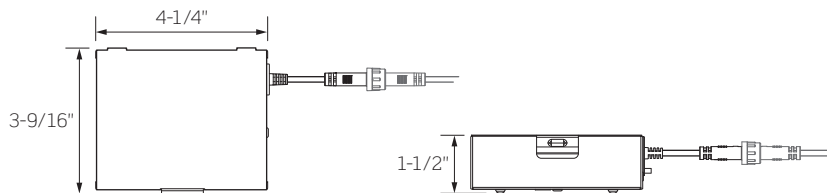
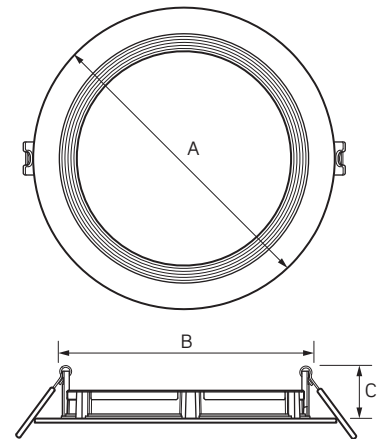
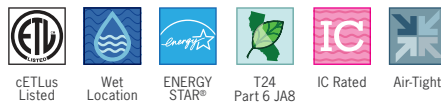


# WFBR SERIES | Round Baffle Slim Downlights



DISCONTINUED ITEM  
LIMITED INVENTORY  
Consult Factory for Availability



Remote Driver / Junction Box

	A	B	C	Ceiling Cut-Out
WFBR4	5-1/16"	4-1/8"	1-3/16"	4-1/4"
WFBR6	7-3/16"	6-1/8"	1-3/16"	6-1/4"
WFBR8	9"	8-1/8"	1-3/16"	8-1/4"

Recommended Ceiling Thickness: 1" Max.  
Total Cable Length: 14-3/8"

	WFBR4	WFBR6	WFBR8
SIZE	4-Inch Round	6-Inch Round	8-Inch Round
LUMEN OUTPUT <sup>1</sup>	900Lm	1200Lm	1400Lm
INPUT POWER	12W	15W	18W
INPUT VOLTAGE, FREQUENCY	120VAC, 50/60Hz		
DIMMING TYPE	Forward or Reverse Phase Dimming from 100% to 10%		
COLOR TEMPERATURE	Selectable CCT: 2700K / 3000K / 3500K / 4000K / 5000K		
CRI	90+		
LISTINGS	cETLus Listed; Suitable for Wet Locations ENERGY STAR® Certified Can be used to comply with Title 24 Part 6 JA8 High Efficacy LED Light Source Requirements Insulated Ceiling (IC) Rated Compliant with ASTM E283 (Air Leakage Rate 2.0 CFM or Less) Suitable for use in clothes closets when installed in accordance with NEC® 410.16 (A)(1) (C)(3) spacing requirements		
WARRANTY	Five (5) year replacement after date of purchase		
SYSTEM RATING	50,000 Hours @ 70% Lumen Maintenance		

1. Lumen values are nominal and vary based on CCT

# WFBR SERIES | Round Baffle Slim Downlights

## ORDERING INFORMATION

Example Order: WFBR4-SW5C12D-MW

Housing	Color Temp/CRI	Driver/Dimming	Finish
<b>WFBR4</b> 4-Inch Round Baffle Slim <b>WFBR6</b> 6-Inch Round Baffle Slim <b>WFBR8</b> 8-Inch Round Baffle Slim	<b>SW5C</b> 5-CCT Selectable / 90+ CRI 2700K   3000K   3500K   4000K   5000K	<b>12D</b> 120V Phase Dimming (Forward/Reverse)	<b>MW</b> Matte White

## ACCESSORY ORDERING INFORMATION



**WFRPLU**  
*New Construction Mounting Plate*  
 Can be used for extra support, adaptable to various luminaire sizes, as well as for mounting the Remote Driver Box

Accessory
<b>WFRPLU</b> New Construction Mounting Plate for 4-, 6- and 8-Inch Round WFBR Series Downlights

**WFEC Series**  
*Driver / Junction Box Extension Cables*



Accessory
<b>WFEC6</b> 6 Foot Driver / Junction Box Extension Cable <b>WFEC10</b> 10 Foot Driver / Junction Box Extension Cable <b>WFEC20</b> 20 Foot Driver / Junction Box Extension Cable

**WFBR Series**  
*Trim Inserts*  
 Black, Bronze and Brushed Nickel finishes



WFBR\*TI-NK

Accessory	Finish
<b>WFBR4TI</b> 4-In. Round Trim Insert <b>WFBR6TI</b> 6-In. Round Trim Insert <b>WFBR8TI</b> 8-In. Round Trim Insert	<b>B</b> Black <b>BZ</b> Bronze <b>NK</b> Brushed Nickel

Black

Bronze

Brushed Nickel

# WFBR SERIES | Round Baffle Slim Downlights

## PRODUCT SPECIFICATIONS

- Round Baffle Slim Downlights are available in 4-, 6- and 8-Inch diameters
- Direct mount downlighting solution that does not require an existing Housing or Junction Box
- Delivering up to 1400 Lumens, the Baffle Slim Downlight Series is well suited for most residential and light commercial applications
- Regressed Lens with Baffle providing less glare and improved visual comfort
- Field selectable color temperature

## PERFORMANCE SUMMARY

- Field selectable Color Temperature from 2700K, 3000K, 3500K, 4000K and 5000K; Selector Switch located on the Driver / Junction Box housing for easy selection prior to installation
- Light Engine consists of 90+ CRI LEDs with R9>50 and color accuracy within 4 SDCM
- 120V Forward or Reverse Phase Dimming from 100% to 10%, compatible with standard incandescent Dimmers (see Dimmer Compatibility List below)
- Meets Class A Sound Rating
- Edge-Lit Optical System, including Light Guide and Diffusion Lens provides a smooth, uniform wide beam distribution

## CONSTRUCTION

- IC Rated Die-cast Aluminum Housing, Matte White Painted Finish
- Diffuse Polycarbonate Lens provides soft even illumination across the light emitting surface
- Remote Driver (Junction Box) is constructed of Galvanized Steel and comes with two (2) conduit Pry-outs
- Includes poke-in quick Wiring Connectors for easy installation
- Closed Cell Gasket included for use in Wet Location environments or when restrictive airflow is needed

## COMPATIBLE DIMMERS

- Incandescent 120V AC Dimmers adjust the light with Forward Phase Control, where the Dimmer “chops” the forward part of the AC Wave to deliver less or more power to the light source. No Neutral Wire Connection required.
- Electronic Low Voltage 120V AC Dimmers adjust the light with Reverse Phase Control, where the Dimmer “chops” the back part of the AC Wave to deliver less or more power to the light source. Neutral Wire Connection required.

**DIMMING TYPE:** Forward/Reverse Phase  
**TYPICAL DIMMING RANGE:** 100% to 10%

Supplier	Series	Model No.
Leviton	SureSlide	6674, 6674N
Leviton	IllumaTech	IPL06, IPE04
Leviton	Decora Digital	DDL06-1L, DDL06-BL, DDM06, DDMX1
Leviton	Decora Slide	DSE06, DSM10, DSL06
Leviton	Trimatron Rotary	RDL06, RNLO6
Leviton	Toggle Slide	TSL06, TSM10
Leviton	Decora Smart Wi-Fi	D26HD, DN6HD, D2MSD, DWVAA
Leviton	Decora Smart Z-wave	ZW6HD
Leviton	Decora Evolve	VM2D3, VMDD3
Lutron	Diva	DVCL-153P
Lutron	Skylark	CTCL-153P
Lutron	Ariadni Toggler	TGCL-153P
Lutron	Maestro	MACL-153M
Lutron	Caseta	P-PKG1W-WH-R
Eaton	Eaton Slide	SAL06P-W

## NOTES

1. Testing has been performed on these Dimmers, but this does not imply any warranty of compatibility.
2. Dimming performance can be influenced by different Loads, as well as variations in Dimmer Switches within the same Model.
3. Dimmer Maximum Load Rating with LED may differ from published Traditional Source Dimmer Ratings; consult Dimmer Manufacturer for maximum Dimmer information.
4. Consult factory for additional dimming information.

# WFBR SERIES | Round Baffle Slim Downlights

## PHOTOMETRICS

WFBR4-SW5C12D-MW: 4-Inch Round Matte White Baffle

Fixture Delivered Lumens: 867.5

Total Watts@120V: 11.4

Lumens Per Watt: 76.1

Center Beam Candle Power: 318

Beam Distribution: 111°

Spacing Criterion: 1.37

Color Rendering Index (CRI)<sup>1</sup>: 93.8

Color Temperature (CCT)<sup>2</sup>: 3050K

Designed for 50,000 Hour Lamp Life<sup>3</sup>

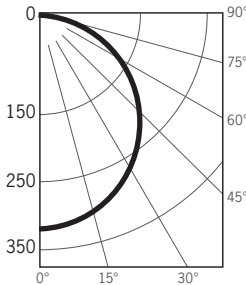
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LM-79 Test No. S23012004

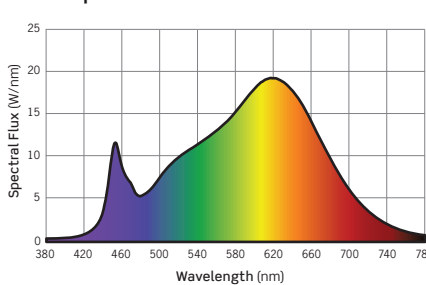
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6 FT	8.8	17.4
8 FT	5.0	23.2
10 FT	3.2	29.0
12 FT	2.2	34.8
14 FT	1.6	40.6
16 FT	1.2	46.4

Candela Curve



Spectral Power Distribution Chart<sup>4</sup>



WFBR6-SW5C12D-MW: 6-Inch Round Matte White Baffle

Fixture Delivered Lumens: 1139.1

Total Watts@120V: 14.4

Lumens Per Watt: 79.1

Center Beam Candle Power: 409

Beam Distribution: 111°

Spacing Criterion: 1.37

Color Rendering Index (CRI)<sup>1</sup>: 94.1

Color Temperature (CCT)<sup>2</sup>: 3045K

Designed for 50,000 Hour Lamp Life<sup>3</sup>

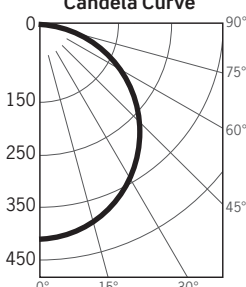
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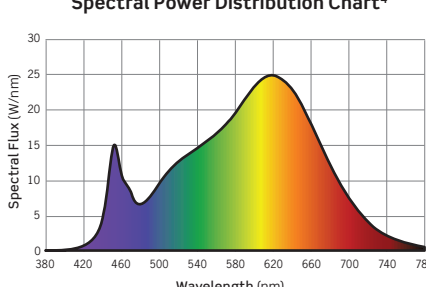
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6 FT	11.4	17.3
8 FT	6.4	23.1
10 FT	4.1	28.9
12 FT	2.8	34.6
14 FT	2.1	40.4
16 FT	1.6	46.2

Candela Curve



Spectral Power Distribution Chart<sup>4</sup>



WFBR8-SW5C12D-MW: 8-Inch Round Matte White Baffle

Fixture Delivered Lumens: 1407.6

Total Watts@120V: 17.6

Lumens Per Watt: 80.0

Center Beam Candle Power: 499

Beam Distribution: 114°

Spacing Criterion: 1.37

Color Rendering Index (CRI)<sup>1</sup>: 93.5

Color Temperature (CCT)<sup>2</sup>: 2931K

Designed for 50,000 Hour Lamp Life<sup>3</sup>

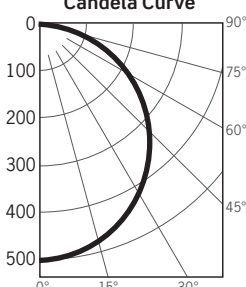
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LM-79 Test No. S23012009

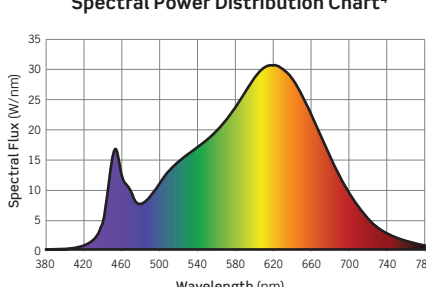
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6 FT	13.9	18.5
8 FT	7.8	24.6
10 FT	5.0	30.8
12 FT	3.5	36.9
14 FT	2.5	43.1
16 FT	2.0	49.2

Candela Curve



Spectral Power Distribution Chart<sup>4</sup>



1. Accuracy of Rendering Colors   2. Color Appearance of Light Source   3. Dependent on Surrounding Temperatures   4. Colors Present within the Light Source

## PHOTOMETRIC DATA

WFBR4				WFBR6				WFBR8			
NOM. CCT	LUMENS	POWER (W)	Lm/W	NOM. CCT	LUMENS	POWER (W)	Lm/W	NOM. CCT	LUMENS	POWER (W)	Lm/W
2700K	827	11.2	73.9	2700K	1076	14.2	75.8	2700K	1355	17.5	77.4
3000K	867	11.4	76.1	3000K	1139	14.4	79.1	3000K	1408	17.6	80.0
3500K	908	11.2	81.1	3500K	1201	14.2	84.6	3500K	1484	17.6	84.3
4000K	926	11.3	82.0	4000K	1222	14.3	85.5	4000K	1514	17.6	86.0
5000K	901	11.2	80.4	5000K	1179	14.3	82.5	5000K	1473	17.6	83.7

CONTECH LIGHTING | 725 LANDWEHR ROAD | NORTHBROOK, ILLINOIS 60062 | PHONE 847.559.5500 | [www.contechlighting.com](http://www.contechlighting.com)

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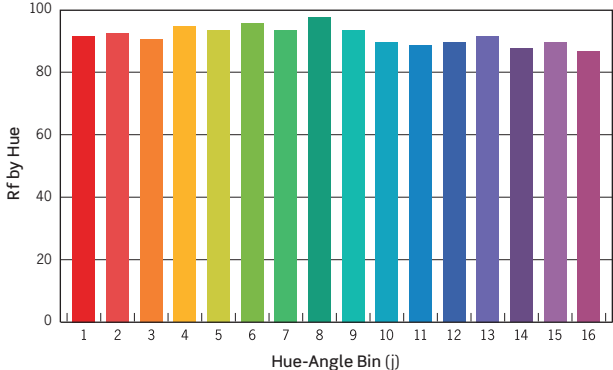
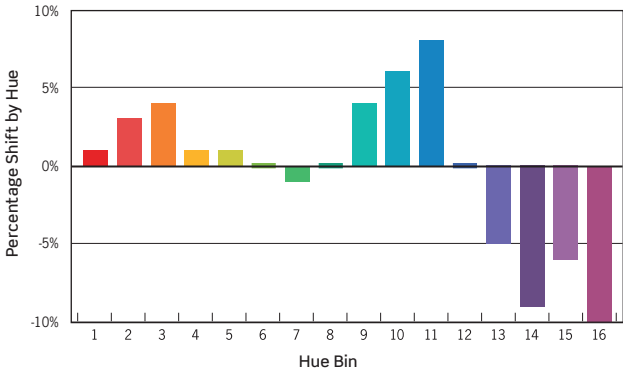
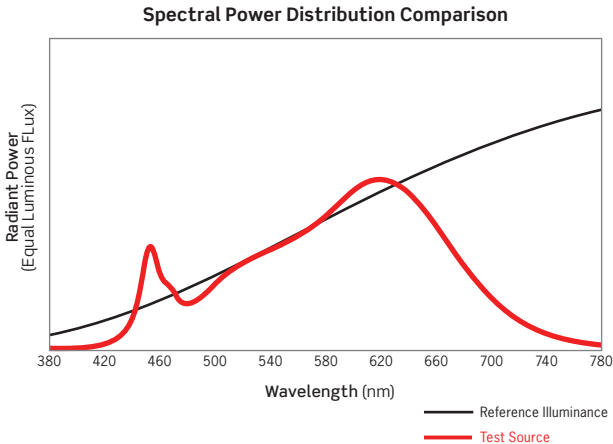
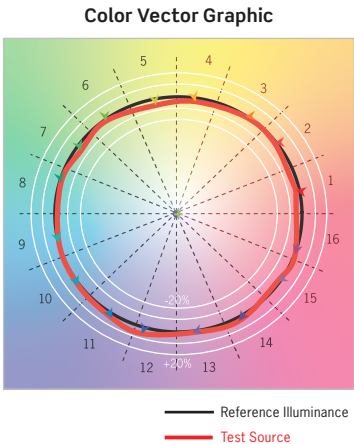
WFBR SERIES | Round Baffle Slim Downlights

PHOTOMETRICS

TM-30 DATA: WFBR6-SW5C12D1-MW 6-Inch Round Matte White Baffle

ANSI/IES TM-30-18 Color Rendition Report Test No. S23011805

R <sub>f</sub>	92
R <sub>g</sub>	100
CCT(K)	3045K
D <sub>uv</sub>	-0.0029
u'	0.2501
v'	0.5164



HUE BIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
HUE SHIFT	1%	3%	4%	1%	1%	0%	-1%	0%	4%	6%	8%	0%	-5%	-9%	-6%	-10%
R <sub>f</sub> VALUE	92	93	91	95	94	96	94	98	94	90	89	90	92	88	90	87

Colors are for visual orientation purposes only