

DBS Series
Square Baffle Slim Downlight

DATE	PROJECT
TYPE	CATALOG NO.



cETLus
Listed



Wet
Location



ENERGY
STAR®



Title 24 JA8
Compliant



Air-tight



IC Rated



DBS60-S1W



DBS40-S1W



PRODUCT OVERVIEW

FEATURES

- Available in 4- and 6-inch square models
- Field selectable color temperature (CCT)
- Regressed lens with Baffle for less glare
- Closed cell gasket included for use in wet location environments
- 120V Forward or Reverse Phase Dimming down to 10%
- IC Rated, air-tight, and ENERGY STAR®

5 Selectable CCTs
2700K/3000K/3500K/4000K/5000K



PERFORMANCE

Catalog No.	Size	Lumen Output ¹	Input Power	CRI	Color Temperature
DBS40-S1W	4-Inch Round	820Lm	10W	90+	2700K / 3000K / 3500K / 4000K / 5000K
DBS60-S1W	6-Inch Round	1100Lm	13W		

1. Values are nominal and vary based on CCT

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TECHNICAL INFORMATION

MATERIAL SPECIFICATIONS

Fixture

Die cast aluminum

Shape

Square

Sizes

Available in 4- and 6- models

Finish

Matte white

Lens

Polycarbonate light diffuser for uniform even light distribution

Trim Style

Baffle

LED CHARACTERISTICS

Color TemperatureSelectable CCT: 2700K / 3000K / 3500K / 4000K / 5000K
Factory default set to 2700K**Color Rendering Index (CRI)**

90+

R9 Value

High color performance with R9 value greater than 50

Color Consistency<4-Step MacAdam Ellipse binning to achieve Fixture to Fixture
Color Consistency**Beam Angle**

110°

LED Life

50,000 Hours @ 70% Lumen Maintenance

ELECTRICAL

Driver

Constant Current, Class 2

Power Factor

≥0.9

Input Voltage

120V

Operating Frequency

60Hz

Operating Temperature

-4°F to 104°F (-20°C to 40°C)

Dimmable120V Forward or Reverse Phase Dimming down to 10%
(See dimmer compatibility list)

COMPLIANCE

cETLus

cETLus listed in accordance with UL 1598 and CSA C22.2 No. 250.0

Environment

Suitable for Wet Locations, covered ceilings

Energy Rating

ENERGY STAR® Certified

Title 24Complies with Title 24 Part 6 JA8 High Efficacy LED Light
Source Requirements**National Electric Code (NEC)**Suitable for use in clothes closets when installed in accordance with
NEC® 410.16 (A)(1) (C)(3) spacing requirements**IC Rated**

Suitable for direct contact with insulation

Air-Tight

Housing certified in accordance with ASTM E283

INSTALLATION

MountingNo housing required. Two steel tension spring clips secure luminaire
to ceiling. Accommodates ceiling thickness up to 1 inch. New
construction mounting plates are available.**Remote Driver Construction**Steel driver/junction box with captive hinged junction box cover. Easy
to wire 1 in / 1 out (plus ground) applications. Two (2) conduit pry outs
and three (3) poke-in connectors to facilitate wiring.**Template Size**

4-inch: 4-1/4"

6-inch: 6-1/4"

5 YEAR LIMITED WARRANTY

Leviton warrants to its customer and the original end user the LED electronics and components of its properly installed LED products, to be free of defects in material and workmanship, in normal use, for a period of five (5) years from the date of shipment by Leviton and warrants the painted finish for a period of one (1) year from the date of shipment by Leviton.

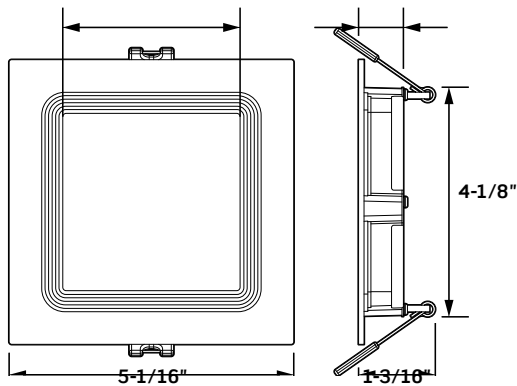
See the rest of our warranty [here](#).

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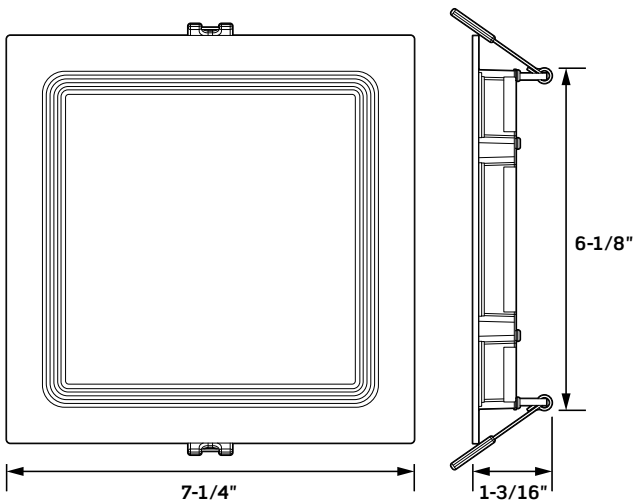
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DIMENSIONS

DBS40-S1W



DBS60-S1W



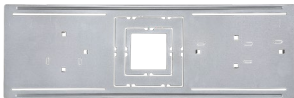
ORDERING INFORMATION

SQUARE BAFFLE SLIM DOWNLIGHTS



CAT. NO.	Description	UPC Number	Std. Pack
DBS40-S1W	4" Square Baffle Slim Downlight	07847701456 1	12
DBS60-S1W	6" Square Baffle Slim Downlight	07847701460 8	12

ACCESSORIES



CAT. NO.	Description	UPC Number	Std. Pack
DBSUX-H00	4"/6" Square Mounting Plate	07847702028 9	15

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DIMMER COMPATIBILITY

The following list of Dimming Controls have gone through testing by Leviton to determine proper operation when paired with the Leviton Surface Mount Downlights

Supplier	Series	Model No.	Dimming Type	Dimming Range
Leviton	SureSlide	6672	Forward Phase	100-10%
Leviton	SureSlide	6674N	Forward Phase	100-10%
Leviton	SureSlide	66741	Forward Phase	100-10%
Leviton	SureSlide	66DF	Forward Phase	100-10%
Leviton	IllumaTech	IPL06	Forward Phase	100-10%
Leviton	IllumaTech	IPE04	Reverse Phase	100-10%
Leviton	Decora Slide with Lever Edge	ESL01	Forward Phase	100-10%
Leviton	Decora Slide	DSL01	Forward Phase	100-10%
Leviton	Decora Slide	DSE06	Reverse Phase	100-10%
Leviton	Decora Slide	DSM10	Forward Phase	100-10%
Leviton	Decora Digital	DDM06	Forward Phase	100-10%
Leviton	Decora Digital	DDE06	Reverse Phase	100-10%
Leviton	Decora Digital	DDL06-1	Forward Phase	100-10%
Leviton	Decora Digital	DDL06-B	Forward Phase	100-10%
Leviton	Decora Smart Wi-Fi	D36HD	Forward Phase	100-10%
Leviton	Decora Smart Wi-Fi	D26HD	Forward Phase	100-10%
Leviton	Decora Smart Wi-Fi	D2ELV	Phase Selectable (Reverse / Forward)	100-10%
Leviton	Decora Smart Wi-Fi	D2MSD	Forward Phase	100-10%
Leviton	Decora Smart Z-Wave	ZW6HD	Forward Phase	100-10%
Leviton	Decora Evolve	VM2D3	Forward Phase	100-10%
Leviton	Decora Evolve	VMDD3	Forward Phase	100-10%
Leviton	Toggle Slide	TSL01	Forward Phase	100-10%
Leviton	Toggle Slide	TSM10	Forward Phase	100-10%
Leviton	Trimatron Rotary	RDL06	Forward Phase	100-10%
Leviton	Trimatron Rotary	RNL06	Forward Phase	100-10%

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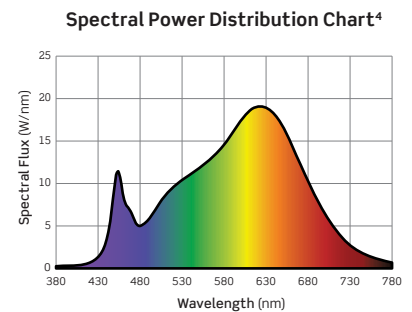
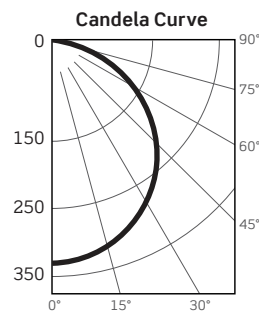
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PHOTOMETRICS

DBS40-001-S1W: 4-Inch Square Baffle Slim Downlight

Fixture Delivered Lumens: 901
 Total Watts@120V: 11.9
 Lumens Per Watt: 75.7
 Center Beam Candle Power: 331
 Beam Distribution: 108.1°
 Spacing Criterion: 1.25
 Color Rendering Index (CRI)¹: 95.2
 Color Temperature (CCT)²: 3001K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G26031202
 LM-79 Test No. S26031805

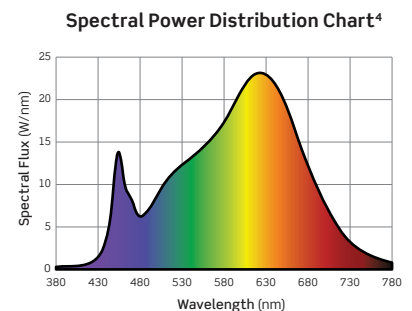
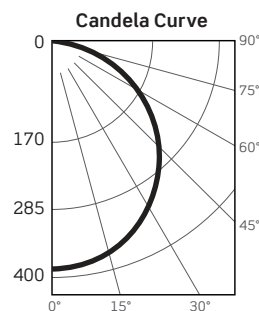
Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6 FT	9.2	16.5
8 FT	5.2	22.1
10 FT	3.3	27.6
12 FT	2.3	33.1
14 FT	1.7	38.6
16 FT	1.3	44.1



DBS60-001-S1W: 6-Inch Square Baffle Slim Downlight

Fixture Delivered Lumens: 1077
 Total Watts@120V: 14.5
 Lumens Per Watt: 74.3
 Center Beam Candle Power: 386
 Beam Distribution: 110.5°
 Spacing Criterion: 1.25
 Color Rendering Index (CRI)¹: 95.2
 Color Temperature (CCT)²: 2978K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G26031201
 LM-79 Test No. S26031902

Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6 FT	10.7	17.3
8 FT	6.0	23.1
10 FT	3.9	28.8
12 FT	2.7	34.6
14 FT	2.0	40.3
16 FT	1.5	46.1



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

PHOTOMETRIC MULTIPLICATION FACTORS

Lumen output values fluctuate based on Color Temperature (CCT), Color Rendering Index (CRI), Trim Finish, and Wattage.

To estimate lumen output of other combinations, multiply the published results by the following factors:

DBS40	
CCT	90+ CRI
2700K	0.99
3000K	1.00
3500K	1.09
4000K	1.10
5000K	1.06

DBS60	
CCT	90+ CRI
2700K	0.99
3000K	1.00
3500K	1.09
4000K	1.12
5000K	1.10

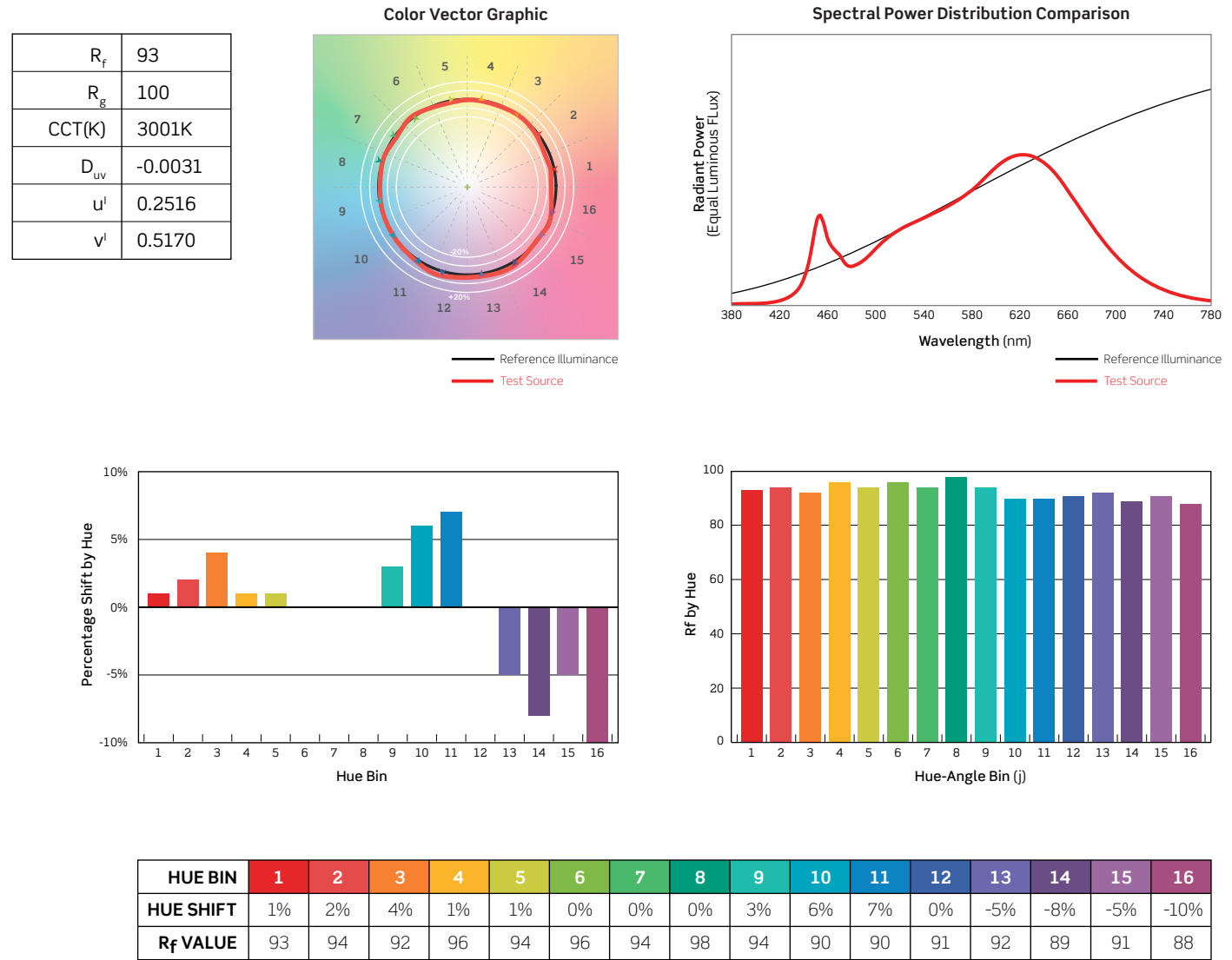
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PHOTOMETRICS

TM-30 DATA: DBS40-001-S1W 4-Inch Square Baffle Slim Downlight

ANSI/IES TM-30-18 Color Rendition Report Test No. S26031805



Colors are for visual orientation purposes only

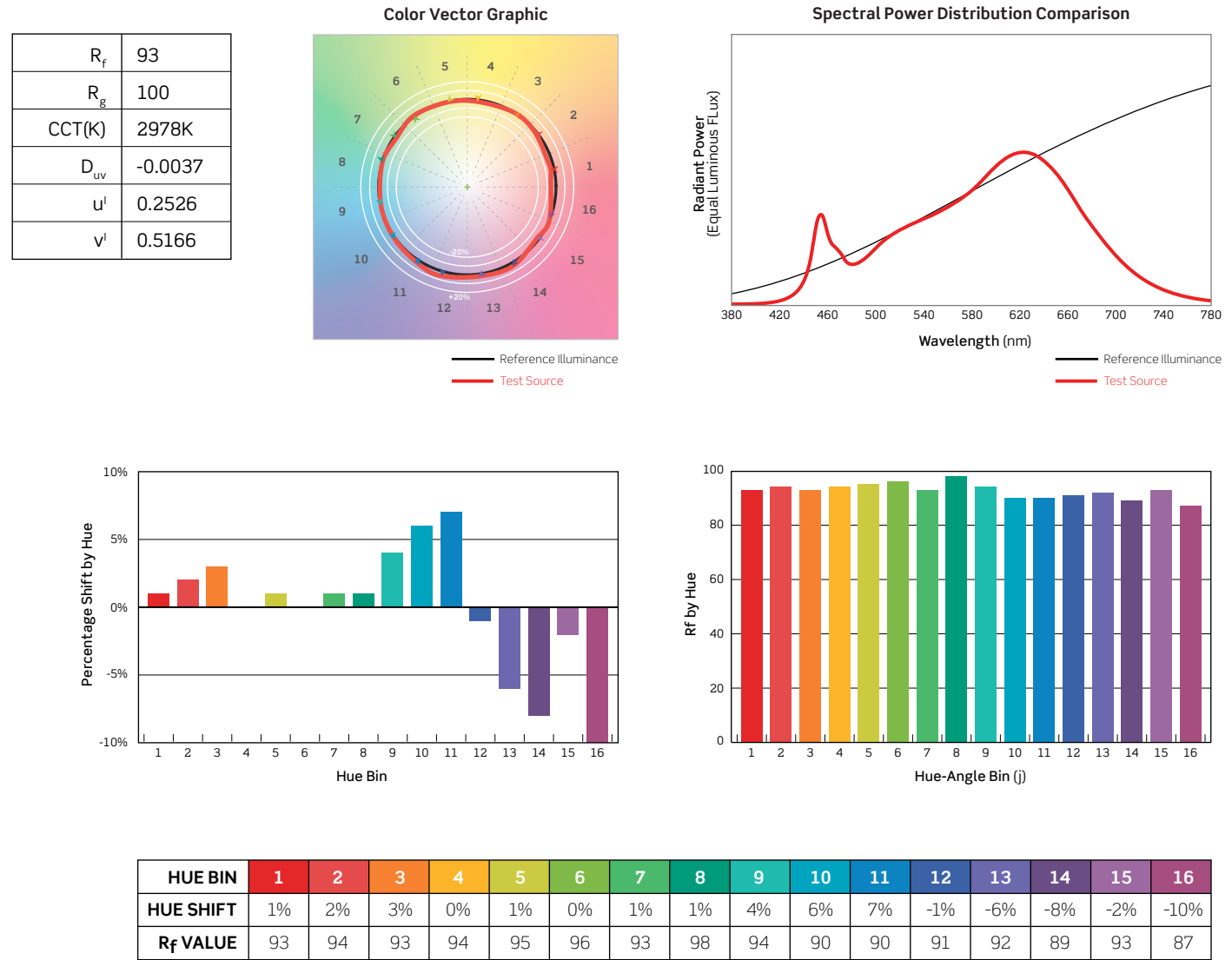
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TYPE	CATALOG NO.

PHOTOMETRICS

TM-30 DATA: DBS60-001-S1W 6-Inch Square Baffle Slim Downlight

ANSI/IES TM-30-18 Color Rendition Report Test No. S26031902



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