

DFR Series Smooth Slim Downlight

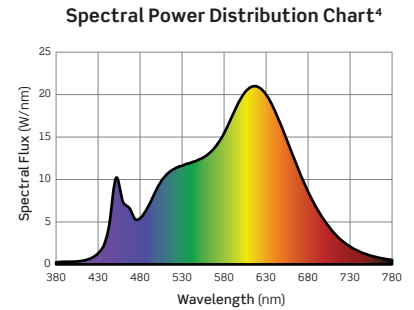
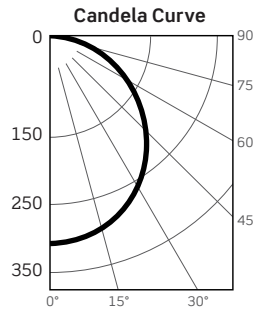
DATE	PROJECT
TYPE	CATALOG NO.

PHOTOMETRICS

DFR40-001-S1W: 4-Inch Round Smooth Slim Downlight

Fixture Delivered Lumens: 867
 Total Watts@120V: 9.9
 Lumens Per Watt: 87.6
 Center Beam Candle Power: 308
 Beam Distribution: 112°
 Spacing Criterion: 1.36
 Color Rendering Index (CRI)¹: 94.8
 Color Temperature (CCT)²: 3026K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G25112007
 LM-79 Test No. S25081402

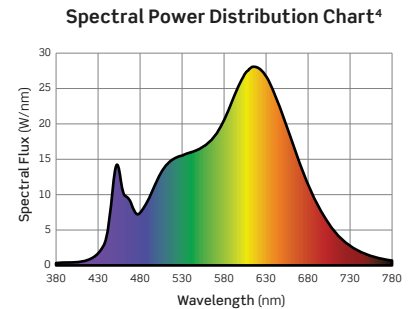
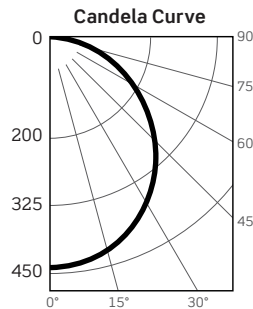
Cone of Light		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6 FT	8.5	17.6
8 FT	4.8	23.5
10 FT	3.1	29.4
12 FT	2.1	35.3
14 FT	1.6	41.1
16 FT	1.2	47.0



DFR60-001-S1W: 6-Inch Round Smooth Slim Downlight

Fixture Delivered Lumens: 1216
 Total Watts@120V: 12.8
 Lumens Per Watt: 95.0
 Center Beam Candle Power: 438
 Beam Distribution: 109°
 Spacing Criterion: 1.35
 Color Rendering Index (CRI)¹: 94.8
 Color Temperature (CCT)²: 3042K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G25112002
 LM-79 Test No. S25091102

Cone of Light		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6 FT	12.2	16.8
8 FT	6.8	22.4
10 FT	4.4	28.1
12 FT	3.0	33.7
14 FT	2.2	39.3
16 FT	1.7	44.9



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:

DFR40	
CCT	90+ CRI
2700K	0.96
3000K	1.00
3500K	1.03
4000K	1.04
5000K	1.02

DFR60	
CCT	90+ CRI
2700K	0.96
3000K	1.00
3500K	1.03
4000K	1.04
5000K	1.03

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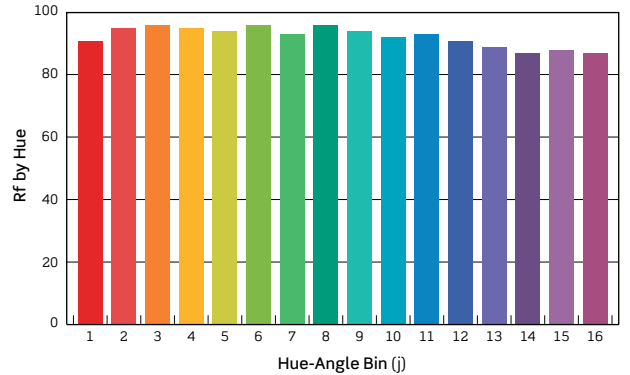
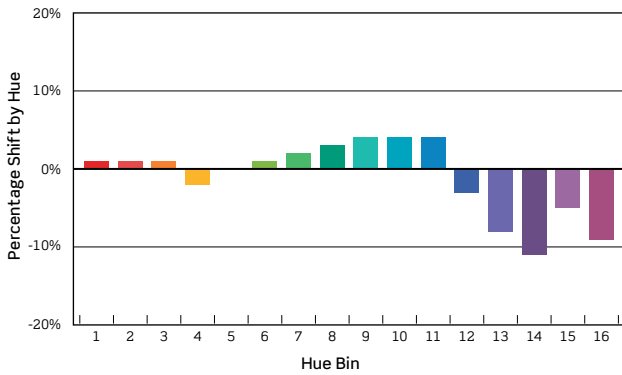
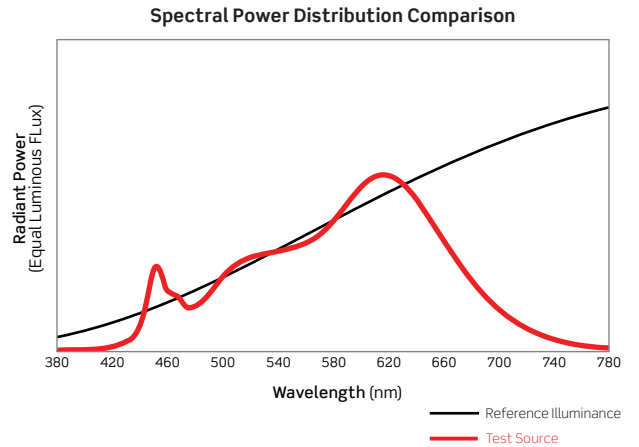
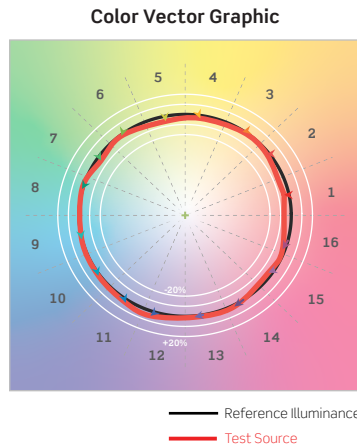
DATE	PROJECT
TYPE	CATALOG NO.

PHOTOMETRICS

TM-30 DATA: DFR40-001-S1W 4-Inch Round Smooth Slim Downlight

ANSI/IES TM-30-18 Color Rendition Report Test No. S25081402

R_f	93
R_g	98
CCT(K)	3026K
D_{uv}	0.0007
u^l	0.2494
v^l	0.5219



HUE BIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
HUE SHIFT	1%	1%	1%	-2%	0%	1%	2%	3%	4%	4%	4%	-3%	-8%	-11%	-5%	-9%
Rf VALUE	91	95	96	95	94	96	93	96	94	92	93	91	89	87	88	87

Colors are for visual orientation purposes only

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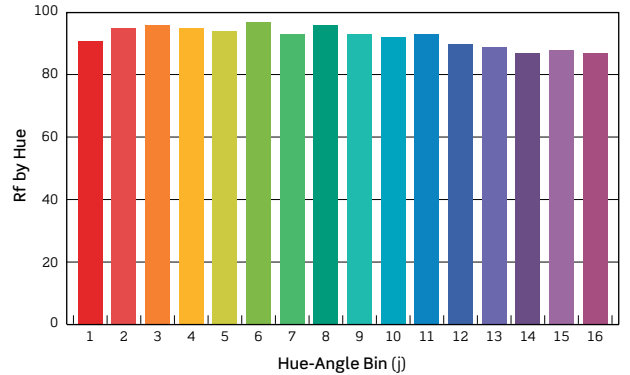
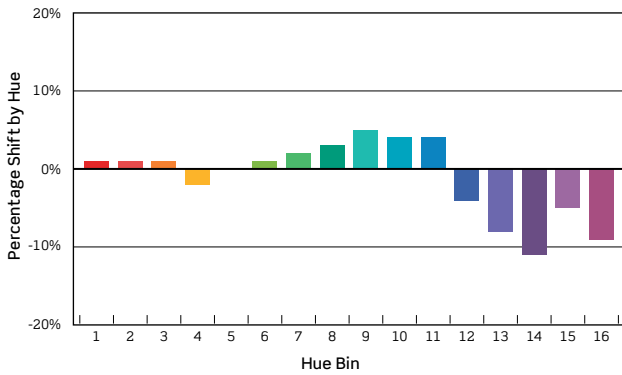
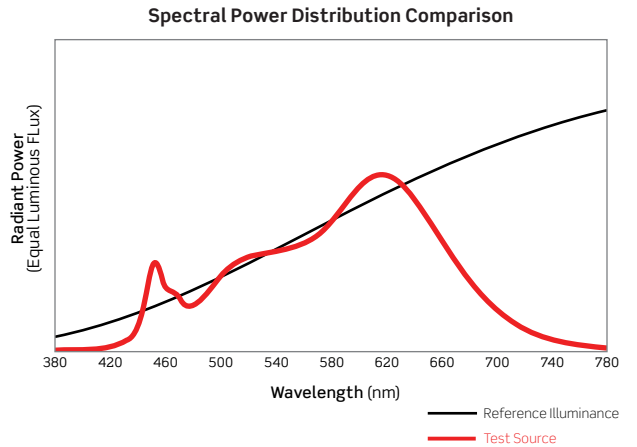
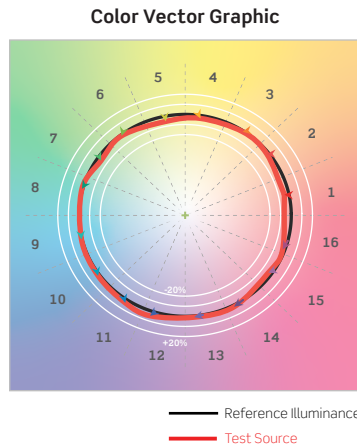
DATE	PROJECT
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PHOTOMETRICS

TM-30 DATA: DFR60-001-S1W 6-Inch Round Smooth Slim Downlight

ANSI/IES TM-30-18 Color Rendition Report Test No. S25091102

R_f	93
R_g	98
CCT(K)	3042K
D_{uv}	0.0002
u^l	0.2490
v^l	0.5208



HUE BIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
HUE SHIFT	1%	1%	1%	-2%	0%	1%	2%	3%	5%	4%	4%	-4%	-8%	-11%	-5%	-9%
R _f VALUE	91	95	96	95	94	97	93	96	93	92	93	90	89	87	88	87

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