

DAR Series

Adjustable Slim Downlight

DATE _____ PROJECT _____

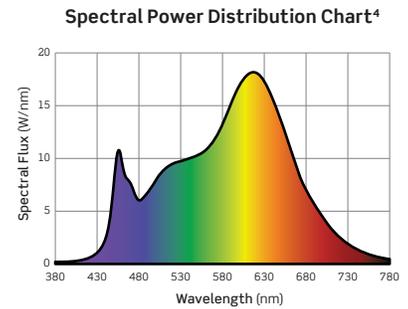
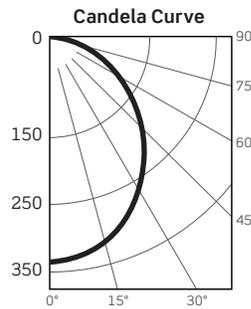
TYPE _____ CATALOG NO. _____

PHOTOMETRICS

DAR40-011-S1W: 4-Inch Round Adjustable Slim Downlight

Fixture Delivered Lumens: 846
 Total Watts@120V: 9.9
 Lumens Per Watt: 85.4
 Center Beam Candle Power: 335
 Beam Distribution: 101°
 Spacing Criterion: 1.29
 Color Rendering Index (CRI)¹: 92.6
 Color Temperature (CCT)²: 3084K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G24110102
 LM-79 Test No. S24091302

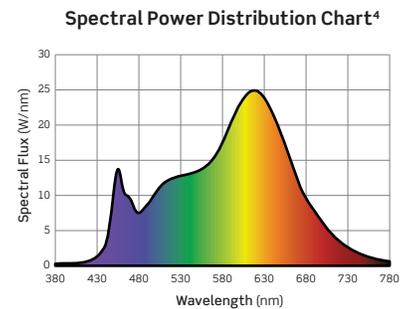
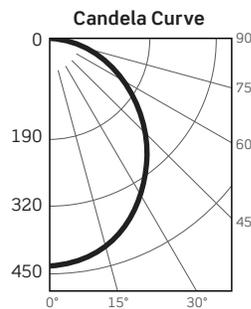
Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6 FT	9.3	14.6
8 FT	5.2	19.5
10 FT	3.4	24.3
12 FT	2.3	29.2
14 FT	1.7	34.1
16 FT	1.3	38.9



DAR60-011-S1W: 6-Inch Round Adjustable Slim Downlight

Fixture Delivered Lumens: 1124
 Total Watts@120V: 13.0
 Lumens Per Watt: 86.5
 Center Beam Candle Power: 434
 Beam Distribution: 103°
 Spacing Criterion: 1.30
 Color Rendering Index (CRI)¹: 92.6
 Color Temperature (CCT)²: 2981K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G24110106
 LM-79 Test No. S24091307

Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6 FT	12.1	15.1
8 FT	6.8	20.2
10 FT	4.3	25.2
12 FT	3.0	30.3
14 FT	2.2	35.3
16 FT	1.7	40.3



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:

DAR40	
CCT	90+ CRI
2700K	0.97
3000K	1.00
3500K	1.03
4000K	1.04
5000K	1.04

DAR60	
CCT	90+ CRI
2700K	0.98
3000K	1.00
3500K	1.03
4000K	1.04
5000K	1.05

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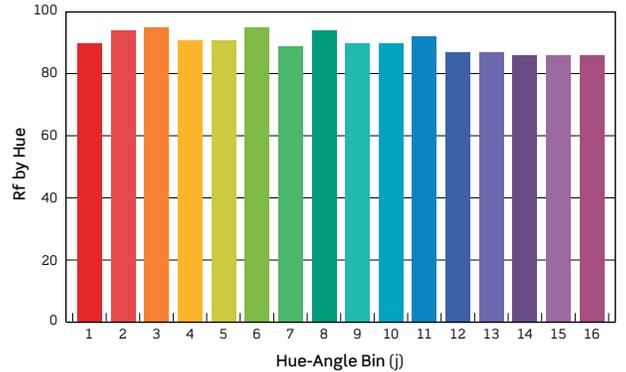
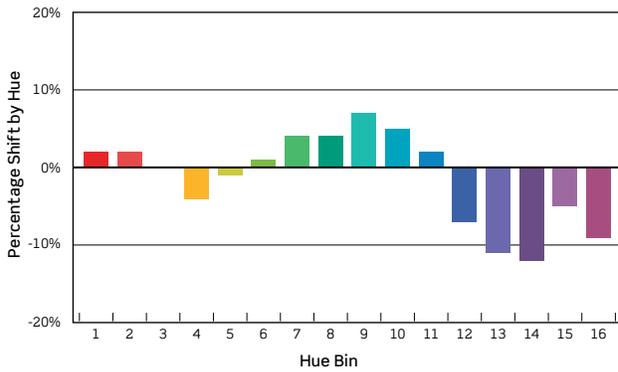
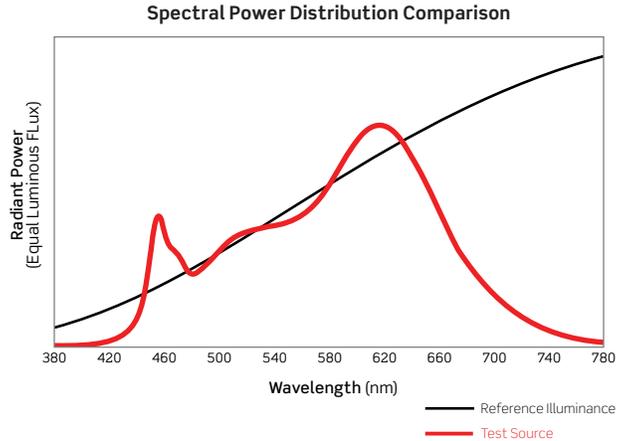
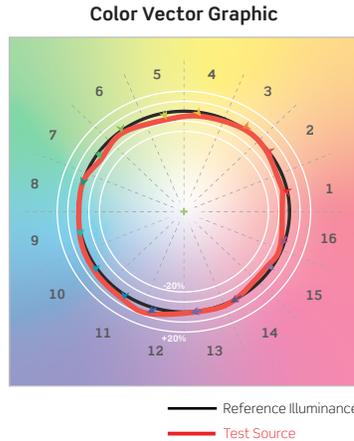
DATE	PROJECT
TYPE	CATALOG NO.

PHOTOMETRICS

TM-30 DATA: DAR40-011-S1W 4-Inch Round Adjustable Slim Downlight

ANSI/IES TM-30-18 Color Rendition Report Test No. S24091302

R_f	91
R_g	98
CCT(K)	3084K
D_{uv}	-0.0032
u^l	0.2489
v^l	0.5152



HUE BIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
HUE SHIFT	2%	2%	0%	-4%	-1%	1%	4%	4%	7%	5%	2%	-7%	-11%	-12%	-5%	-9%
R _f VALUE	90	94	95	91	91	95	89	94	90	90	92	87	87	86	86	86

Colors are for visual orientation purposes only

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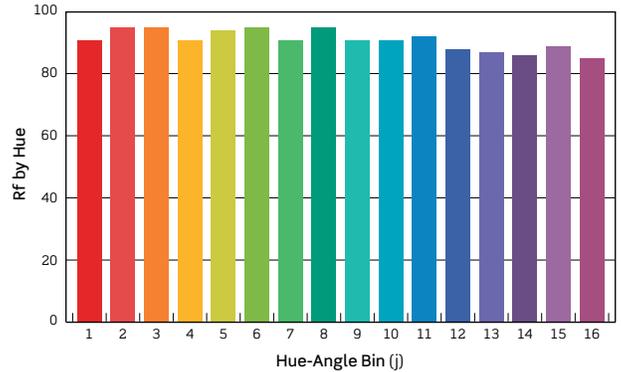
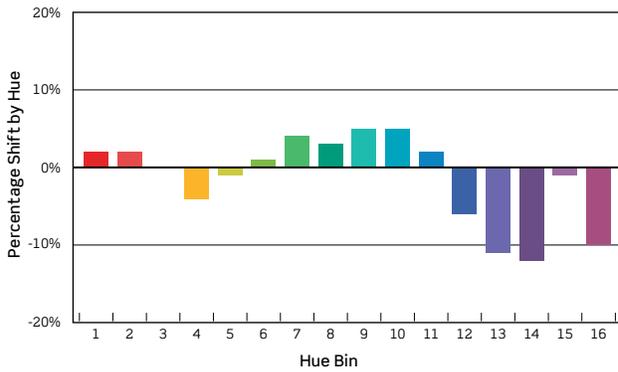
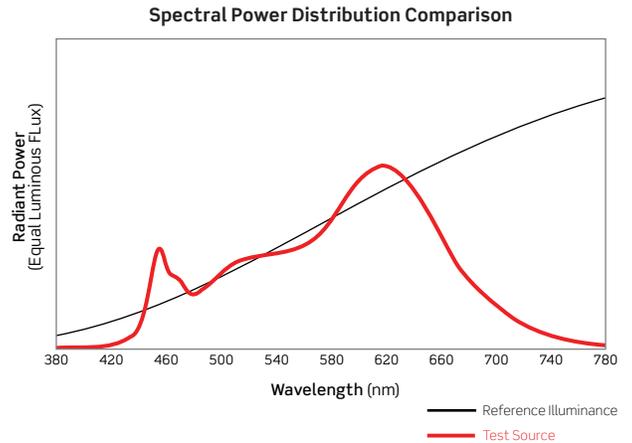
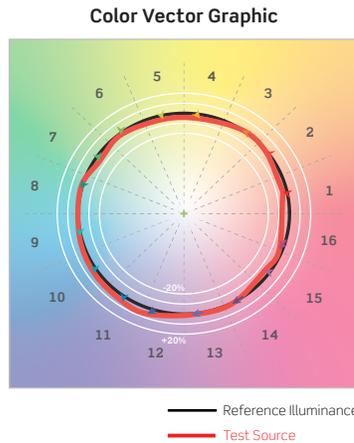
DATE	PROJECT
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PHOTOMETRICS

TM-30 DATA: DAR60-011-S1W 6-Inch Round Adjustable Slim Downlight

ANSI/IES TM-30-18 Color Rendition Report Test No. S24091307

R_f	91
R_g	98
CCT(K)	2981K
D_{uv}	-0.0037
u^l	0.2525
v^l	0.5165



HUE BIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
HUE SHIFT	2%	2%	0%	-4%	-1%	1%	4%	3%	5%	5%	2%	-6%	-11%	-12%	-1%	-10%
R _f VALUE	91	95	95	91	94	95	91	95	91	91	92	88	87	86	89	85

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