PROJECT NAME:

Quick Ship Product. All rough in



High-output, low profile, and infinite adjustment -- these small aperture downlights make elegant design statements in discerning residential, retail, and hospitality environments.

ORDERING INFORMATION

TRIM	RATING	FLANGE FINISH	CRI / WATTAGE PACKAGE	CCT	OPTIC (UGR)	INSTALL TYPE	CEILING THICKNESS	POWER SUPPLY	MEDIA	FLANGE CONFIGURATION
2RS Round Expanded Shallow 2PS Round Shallow Shallow 2SS Square Expanded Shallow	1 IP20 Dry/Damp 2 IP64 Wet* *(Lens sealed in place)	Gray AU Cashmere Gold AB Arch Bronze BB Burnt Bronze BK Black PR Primer SS Stainless Steel* *(Increased lead time) CF Custom* *[Consult Factory] FINISH IMAGES ON PAGE 2	LOW FLUX STATIC WHITE 3.73" TALL HOUSING 80506A 80+ CRI, 6 Watts [Delwered - 2RS 709, 2P5 687, 2S5 638] 80511A 80+ CRI, 11 Watts [Delwered - 2RS 1152, 2P5 1111, 2S5 1163] 80515A 80+ CRI, 15 Watts [Delwered - 2RS 5154, 2P5 1504, 2S5 1569] 90501A 90+ CRI, 11 Watts [Delwered - 2RS 579, 2S5 550] 90515A 90+ CRI, 11 Watts [Delwered - 2RS 579, 2P5 758, 2S5 1003] 90515A 90+ CRI, 11 Watts [Delwered - 2RS 579, 2P5 758, 2S5 1003] 90515A 90+ CRI, 11 Watts [Delwered - 2RS 578, 2P5 227, 2S5 484] 97506A 97+ CRI, 6 Watts [Delwered - 2RS 538, 2P5 521, 2S5 484] 97515A 97+ CRI, 15 Watts [Delwered - 2RS 578, 2P5 843, 2S5 883] 97515A 97+ CRI, 15 Watts [Delwered - 2RS 517, 2P5 1411, 2S5 1191] Image: State 10, 2P5 1297, 2S5 1851] 97521A 97+ CRI, 15 Watts [Delwered - 2RS 1179, 2P5 1411, 2S5 1191] Image: State 10, 2P5 1297, 2S5 1851] 97521A 97+ CRI, 21 Watts [Delwered - 2RS 1833, 2P5 1743, 2S5 1851] 97521A 97+ CRI, 21 Watts [Delwered - 2RS 1833, 2P5 1743, 2S5 1851] 97521A 97+ CRI, 21 Watts [Delwered - 2RS 1833, 2P5 1743, 2S5 1851] 97521A 97+ CRI, 21 Watts [Delwered - 2RS 1833, 2P5 1743, 2S5 1851] 97521A 97+ CRI, 21 Watts [Delwered - 2RS 1833, 2P5 1743, 2S5 1851] 97521A 97+ CRI, 21 Watts [Delwered - 2RS 1833, 2P5 1743, 2S5 1851] 97521A 97+ CRI, 21 Watts [Delwered - 2RS 588, 2P5 690, 2S5 17] Halogen Profile: 2000K - 1800K [Delwered - 2RS 688, 2P5 693, 2S5 619] 90W15A 90+ CRI, 15 Watts Incandescent Profile: 2000K - 1800K [Delwered - 2RS 983, 2P5 970, 2S5 980] *SEE PAGE 3 FOR DETAILED WARM DIM PROFILE COMPARISON. *SEE PAGE 3 FOR DETAILE	24 2400K* **00-CRI only, 15W maxl 27 2700K 30 3000K 35 3500K 40 4000K WL 2600K - 1800K 1800K WD 2900K - 1800K 1800K WD 3000K - 1800K 1800K TR 4000K - 1800K 1800K TH 5000K - 17H 5000K -	10 10°* (<13)	Driver (HB) NC NIC IC IC AT IC, Artight "CCEA, Artight and Title 24 compliant housing] Housing W/ Remote Driver (HR) NR NIC, Remote IR IC, Remote RR IC, Artight, Remotel RM Remotel RM Remodel RM Remodel RM Remodel RM Remodel RM Remote- Remodel	**(RM, RR Install Types only) 1 0.50° - 0.75° 2 0.76° - 1.25° 3 1.26° - 2.00° 4 2.01° - 3.00°	120V] TR2 Philtps, 2% Forward/Reverse 120-277V] LH1 Lutron, Hi-Lume 1% Ecosystem* *Mot available for 6W] LP1 Lutron, Premier 0.1% Ecosystem AN4 Philips Xitanium 1% 0-10V, LOG LN2 Philips Xitanium 1% 0-10V, LOG LN2 eldoLED, 0.1% 0-10V, LIN EA2 eldoLED, 0.1% 0-10V, LIN ED1 eldoLED, 0.1% 0-10V, LIN ED1 eldoLED, 0.1% 0ALI-2, LOG LD1 eldoLED, 0.1% 0ALI-2, LIN AS1/ Athena Control ASR eldoLED, 0.1% 120-277V* CS1/ Casambi Control CSR eldoLED, 0.1% 120-277V* CS1/ Casambi Control CSR eldoLED, 0.1% 120-277V D11 eldoLED, DUALdrive 0.10%, 120-277V* SAV/CSR includes shunt. Remote only1 TUNABLE WHITE REMOTE (0.1%, 120-277V) D11 eldoLED, DUALdrive 0.10%, 120-277V* D11 eldoLED, DUALdrive 0.10%, 120-277V D11 eldoLED, DUALdrive 0.10%, 120-277V* CD11 eldoLED, DUALdrive 0.10%, 120-277V D11 eldoLED, DUALdrive 0.10%, 120-277V* CD12 eldoLED, DUALdrive 0.10%, 120-277V D11 eldoLED,	Standard Media 04 Soft Focus Lens *(Required for 10° optic) Atternate Media NL No Lens* "(Not available for wet location or Warm Dim) 02 Honeycomb Louver* *(Not available for wet location or Warm Dim) 03 Clear Glass Lens* *(Not available for Warm Dim) 05 Frosted Glass Lens 09 Ultra Violet Lens 11 Shatterproof Soft Focus Lens 12 Shatterproof Frosted Lens 26 Frosted Linear Spread Lens* *(Not available for wet location)	F Flange Overlay [No Applique]* *[Required for Zero -Sightline wood applications] G Zero Sightline Gypsum [17]6" Applique] *[Not available for well location] P Zero Sightline Plaster [1/8" Applique]* *[Not available for well location]
	UMBER		WARM DIM 6.5" TALL HOUSING 90W11A 90+ CRI, 11 Watts Incandescent Profile: 2600K - 1800K Delivered - 2RS 686, 2PS 690, 2SS 617] Halogen Profile: 2900K - 1800K Delivered - 2RS 686, 2PS 690, 2SS 617] 90W15A 90+ CRI, 15 Watts Incandescent Profile: 2700K - 1800K Delivered - 2RS 959, 2PS 974, 2SS 984] Halogen Profile: 3000K - 1800K Delivered - 2RS 953, 2PS 970, 2SS 980] *SEE PAGE 3 FOR DETAILED WARM DIM PROFILE COMPARISON. Image Profile: 4000K - 1800K Delivered - 2RS 1280, 2PS 1162, 2SS 1293] Cool Profile: 5000K - 2700K	1800K WD 2900K - 1800K WL 2700K - 1800K WD 3000K - 1800K TR 4000K - 1800K TH 5000K - 2700K LECT 3000K JS LENS. JK PERFOR- LETE 724	25 25° {<13}			* (Includes Node. Extended lead time, consult factory. ASR/CSR includes shunt. Remote only) TUNABLE WHITE REMOTE (0.1%, 120-277V) DD1 eldol.ED, DUALdrive DALI-2, LOG DG1 eldol.ED, DUALdrive 0-10V, LOG DN1 eldol.ED, DUALdrive 0-10V, LOG DN1 eldol.ED, DUALdrive 0-10V, LOG DN1 eldol.ED, DUALdrive 0-10V, LOG DN1 eldol.ED, DUALdrive "(Includes Nota. Extended lead time, consult factory. ASR/CSR includes shunt.		

PART NUMBER NOTES

Trims ships as e.g., 2RS1-WH-80S15A2-2HB1-TR204

luciferlighting.com

Housing ships as e.g., NCL-2RF-1-LED-01

- Drivers ship with trim
- Appliqué ships with housing



[DATE OF REV: 02142025]

©2025 Lucifer® Lighting Company

As part of its policy of continuous research and product development, the company reserves the right to change or withdraw specifications without prior notice.



[PH] +1-210-227-7329 pg. 1 [FAX] +1-210-227-4967

ACCESSORIES

SECONDARY	MEDIA
HCL-2	Honeycomb Louver*
*(Not available for	Warm Dim)
□ CGL-2 (Clear Glass Lens*
*(Not available for	r Warm Dim)
□ SFL-2 S	Soft Focus Lens
GINC FGL-2	Frosted Glass Lens
🗆 UVL-2	Ultra Violet Lens
🗆 FLSL-2	Frosted Linear Spread Lens
SFL-2-SP	Shatterproof Soft Focus Lens
GRAND FGL-2-SP	Shatterproof Frosted Lens

ROUTER TOOL GUIDE (Dry / Damp locations only) Recommended for Zero-Sightline installations in wood ceilings. DLA-RTG-2S-RD Tool, router guide, round; reusable DLA-RTG-2S-SQ Tool, router guide, square; reusable

STATIC WHITE REPLACEMENT OPTICS

□ R0-50-15-S 15° optic □ R0-50-20-S 20° optic □ R0-50-25-S 25° optic □ R0-50-40-S 40° optic □ **RO-50-60-S** 60° optic* *(Not recommended for 2PA)

WARM DIM REPLACEMENT OPTICS

□ R0-50-20-W 20° optic □ R0-50-25-W 25° optic □ **RO-50-40-W** 40° optic □ **R0-50-60-W** 60° optic* *(Not recommended for 2PA)

TUNABLE WHITE REPLACEMENT OPTICS

□ **R0-50-15-T** 15° optic □ R0-50-20-T 20° optic □ **RO-50-25-T** 25° optic □ **RO-50-40-T** 40° optic □ **R0-50-60-T** 60° optic* *(Not recommended for 2PA)

HANGER BAR EXTENDER KIT

Extends hanger bars from 24.0" to 46.0" maximum. □ 2S-HBE-46 Extender, Hanger Bar

FURRING CHANNEL ACCESSORY KIT

Recommended for installations in furring channel. Available for ceiling thicknesses from 0.125" - 1.25".

DHA-FC-KIT

ADJUSTMENT TOOL

One included with every four fixtures. □ TOOL-HEX-050

EMERGENCY LIGHTING - REMOTE MOUNT ONLY

During disruption of main power, emergency battery inverter provides temporary 120V or 277V to fixture.

25 watt max capacity, 120 or 277 VAC 60Hz, Non-Dimmable □ EMB-S-25-120/277-LEDX □ EMB-S-100-120-LEDX 100 watt max capacity, 120 VAC 60Hz, 0-10V Dimmable 100 watt max capacity, 277 VAC 60Hz, 0-10V Dimmable □ EMB-S-100-277-LEDX □ EMB-S-250-120/277-LEDX 250 watt max capacity, 120 or 277 VAC 60Hz, 0-10V Dimmable

.UCIFEF LIGHTING COMPAN

[DATE OF REV: 02142025]

©2025 Lucifer® Lighting Company As part of its policy of continuous research and product development, the company reserves the right to change or withdraw specifications without prior notice.

FINISHES BY LUCIFER LIGHTING



PERFORMANCE - 3000K

	WATTAGE	SH	SHALLOW REGRESS - 20° OPTIC - SOFT FOCUS LENS								
CRI / WATTAGE		2F	RS	2F	PS	255					
PACKAGE		DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW				
80S06A	6	709	118	687	114	638	106				
80S11A	11	1152	105	1111	101	1163	106				
80S15A	15	1554	104	1504	100	1569	105				
80S21A	21	2126	101	2022	96	2147	102				
90S06A	6	611	101	592	98	550	91				
90S11A	11	993	90	958	87	1003	91				
90S15A	15	1340	89	1297	86	1353	90				
90S21A	21	1833	87	1743	83	1851	88				
97S06A	6	538	89	521	86	484	80				
97S11A	11	874	79	843	77	883	80				
97S15A	15	1179	79	1141	76	1191	79				
97S21A	21	1613	77	1534	73	1629	77				
90W11AWL (2600K-1800K)	11	686	62	690	62	693	56				
90W11AWD (2900K-1800K)	11	688	62	693	63	695	56				
90W15AWL (2700K-1800K)	15	959	64	965	64	969	65				
90W15AWD (3000K-1800K)	15	963	64	971	65	973	65				
90T17ATR (4000K-1800K)	17	1280	60	1162	68	1293	68				
90T17ATH (5000K-2700K)	17	1137	58	1152	69	1148	60				



25

332

22

368

15 **OUTPUT MULTIPLIER** MEDIA LIGHT LOSS FACTOR

97S15C

ССТ	CCT SCALE	MEDIA	LIGHT LOSS FACTOR
2400K	0.76	NO LENS	1.04
2700K	0.97	CGL	1.01
3000K	1.000	SFL	1.00
3500K	1.03	FGL	0.89
4000K	1.08	FSFL	0.80
		FLSL	0.79
		HCL	0.67

367 TUNABLE WHITE MULTIPLIER

24

ССТ	5000K- 2700K	4000K- 1800K					
5000K	1.16	-					
4000K	1.08	1.14					
3500K	1.04	1.07					
3000K	1.00	1.00					
2700K	0.96	0.92					
2400K	-	0.84					
1800K	-	0.69					

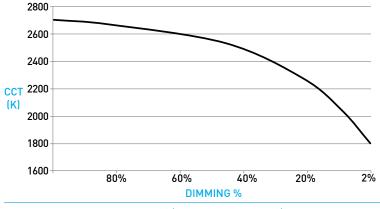
UNIFIED GLARE RATIING

10° OPTIC	20° OPTIC	25° OPTIC	40° OPTIC	60° OPTIC
FIELD REDUCER	SOFT FOCUS LENS	SOFT FOCUS LENS	SOFT FOCUS LENS	SOFT FOCUS LENS
<19	<16	<16	<19	<16

WARM DIM PERFORMANCE - 25° OPTIC - SOFT FOCUS LENS INCANDESCENT PROFILE

90W11AL 2600K - 1800K	Full on 100%	Dimmed to 80%	Dimmed to 70%	Dimmed to 50%	Dimmed to 20%	Dimmed to 10%	Dimmed to 2%
ССТ (К)	2600	2550	2520	2450	2200	1925	1800
Light Output (Lm)	686	549	480	343	137	69	14
Power (W)	11	9	8	6	2.2	1.1	.2
Efficacy (LPW)	62	62	62	62	62	62	62

90W15AL 2700K - 1800K	Full on 100%	Dimmed to 80%	Dimmed to 70%	Dimmed to 50%	Dimmed to 20%	Dimmed to 10%	Dimmed to 2%
CCT (K)	2700	2650	2625	2550	2200	1900	1800
Light Output (Lm)	970	776	679	485	194	97	19
Power (W)	15	12	11	8	3	1.5	0.3
Efficacy (LPW)	64	64	64	64	64	64	64

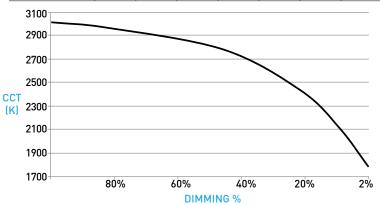


luciferlighting.com

90W11AD Full on Dimmed Dimmed Dimmed Dimmed Dimmed Dimmed 2900K - 1800K 100% to 80% to 70% to 50% to 20% to 10% to 2% CCT (K) 2900 2850 2800 2720 2350 1975 1800 Light Output (Lm) 688 550 482 344 138 69 14 Power (W) 11 9 8 6 2.2 1.1 .2 Efficacy (LPW) 62 62 62 62 62 62 62

HALOGEN PROFILE

90W15AD 3000K - 1800K	Full on 100%	Dimmed to 80%	Dimmed to 70%	Dimmed to 50%	Dimmed to 20%	Dimmed to 10%	Dimmed to 2%
ССТ (К)	3000	2950	2920	2775	2375	2000	1800
Light Output (Lm)	974	779	682	487	195	97	19
Power (W)	15	12	11	8	3	1.5	0.3
Efficacy (LPW)	64	64	64	64	64	64	64



LIGHTING COMPAN [DATE OF REV: 02142025]

©2025 Lucifer® Lighting Company

As part of its policy of continuous research and product development, the company reserves the right to change or withdraw specifications without prior notice.

DOWNLIGHT

Die-cast shallow baffle minimizes aperture glare and conceals view into housing. Black finish standard.

ADJUSTABLE YOKE

Adjustable yoke allows for quick exchange of optics and media. Accommodates up to 2 media; add 0.16" to fixture height with use of each media.

OPTICS

Robust light engine with optimized optic pairing integrates Reflection, Refraction, and TIR offering 10°, 15°, 20°, 25°, 40° & 60° beams. Soft Focus Lens, Honeycomb Louver, and Field Reducer provided with 10° optic.

C MEDIA

Soft Focus Lens standard; media must be specified. Lens is sealed in place on Wet location fixture. Secondary media available.

TRIM PLATE

Wet location features integral silicone gasket.

- Dry / Damp Location: Thickness measures 0.065".
- Wet Location: 0.15" return, installed as flange overlay only.

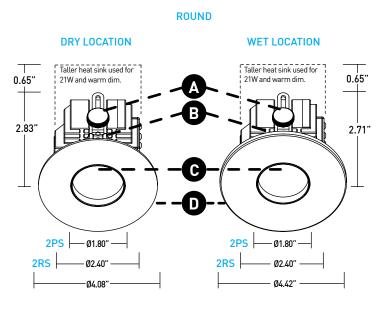
DOWNLIGHT TRIM ADAPTER

Included with fixture and required for installation. Provides required alignment with trim, ensuring fixture aim integrity is maintained Uses (2) #6-32 flat-head screws with varying lengths to accommodate ceiling depth. Installed after ceiling is complete.

RETENTION

Integral ball plungers correspond to trim adapter ensuring snug fit against finished ceiling.

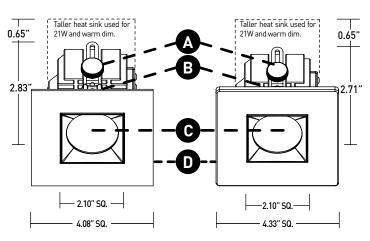
DIMENSIONS / DRAWINGS

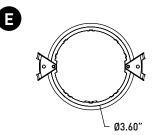


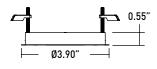
SQUARE

DRY LOCATION

WET LOCATION











luciferlighting.com

©2025 Lucifer[®] Lighting Company

As part of its policy of continuous research and product development, the company reserves the right to change or withdraw specifications without prior notice.

HOUSING

- E LOW FLUX NO INSULATION CONTACT (NON-IC) HOUSING
- Included with NC and NR Low Flux wattage packages.
- Minimum 0.50" setback from combustible and non-combustible materials on all sides and top of housing.
- Minimum 3.00" setback from insulation material having max R-Value 30 on all sides and top of housing.
- Minimum 6.00" setback from polycell spray foam insulation having max R-Value 60.

LOW FLUX INSULATION CONTACT (IC) HOUSING

- Included with IC, IR, AT, and AR LOW Flux wattage packages.
- No setback from polycell spray foam insulation having max R-Value of 60 on all sides and top of housing.

HIGH FLUX / WARM DIM HOUSING

- Satisfies IC, Airtight and NON-IC configurations.
- Included with all HIGH Flux and Warm Dim wattage packages.
- No setback from polycell spray foam insulation having max R-Value of 60 on all sides and top of housing.

HOUSING MOUNTING NOTES

- AT and AR install types are required for CCEA, Airtight and Title 24 (JA8) applications.
- Do not install in environments where ambient temperatures exceed 40°C (104°F).
- Power supply compartment and all splice connections may be serviced from room side.
- Consult factory for spacing requirements for any installations exceeding R-Value 60.
- Hanger bars fitted to short and long side of Low Flux Housing, and short side only of High Flux / Warm Dim Housing; extend from 14.0" to 24.0", but may be field cut to accommodate narrow stud spacing. Can be extended up to 46" maximum with 2S-HBE-46 kit.
- Hanger bars and brackets add 4.00" to the overall dimension, but are exclusive of the setback requirements.
- Driver assembly ships with trim, not housing. Housing and trim feature push nuts and lever nuts for ease of installation.

REMOTE POWER SUPPLY

Provided with install types "IR", "NR" and "AR". See page 7 for maximum allowable wiring distances. Must be installed in an accessible location.

ATHENA / CASAMBI CONTROL

Controls integrated into housing or remote driver assembly. All equipment is serviceable.

Athena Model Numbers: A-WN-D01-RF-BL & DFC-0EM-DBI

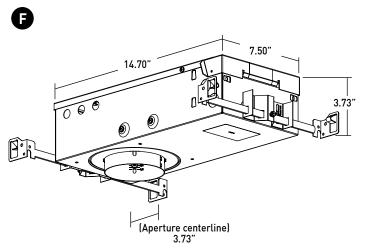
Casambi Model Number: BT-S1E1-5400

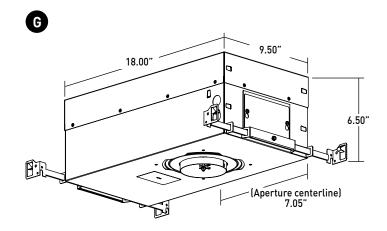
ATHENA / CASAMBI EM SHUNT

Inlcuded with drivers specified as ASR, ADR, CSR, or CDR. One required for each wireless EM fixture, requires class 2 control wiring between fixture and shunt. Features integrated test switch.

Model Number: PS-RMT-SHUNT

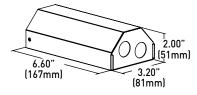
DIMENSIONS / DRAWINGS



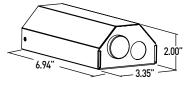


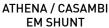


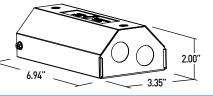
STANDARD ENCLOSURE

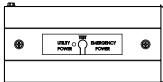


ATHENA / CASAMBI ENCLOSURE











luciferlighting.com

©2025 Lucifer[®] Lighting Company As part of its policy of continuous research and product do

As part of its policy of continuous research and product development, the company reserves the right to change or withdraw specifications without prior notice.

[PH] +1-210-227-7329 pg. 5 [FAX] +1-210-227-4967

REMODEL POWER SUPPLY

- K **REMODEL POWER SUPPLY**
- Included with RM Install Type.
- UL2043 listed for air-handling plenum.
- Fixture mounts without conventional housing using supplied downlight trim adapter.
- Minimum 0.75" clearance from top of fixture.
- Minimum setback from combustible and non-combustible materials of 6.63" radius from fixture centerline.
- Minimum 3.00" setback from surfaces of power supply / junction box if not situated within above noted radius from fixture centerline.
- Minimum additional 3.00" setback from insulation material with max R-Value 30 from any surface of downlight fixture assembly.
- Minimum additional 6.00" setback from polycell spray foam insulation with max R-Value 60 from any surface of downlight fixture assembly.

REMODEL NOTES

- Do not install in environments where ambient temperatures exceed 40°C (104°F).
- Power supply compartment and all splice connections may be serviced from room side.
- Consult factory for spacing requirements for any installations exceeding R-Value 60.

REMOTE APPLICATIONS

- Remote power supply included with RR Install Type.
- Must be installed in an accessible dry/damp location.
- Do not install in environments where ambient temperatures exceed 40°C (104°F)
- Requires plenum rated Class 2 cable between fixture and remote driver. Cable supplied by others.
- See page 7 for maximum allowable wiring distances.

ZERO-SIGHTLINE INSTALLATIONS

Fixture regresses flush with the finished ceiling plane when installed according to manufacturer instructions and finished ceiling conditions are met. Consult 2-Series Installation Guidelines for appropriate ceiling cutouts and instructions for proper Zero-Sightline installations.

APPLIQUÉ

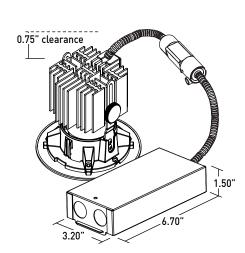
- Specified on Flange Configuration and ships with housing; ships separately on remodel installations.
- For use in sheetrock ceiling applications.
 - 1/16" Appliqué (G Flange Configuration) recommended for gypsum ceiling installations and has plaster stop thickness of 1/16". Recommended for painted ceiling applications.
 - 1/8" Appliqué (P Flange Configuration) offers double thick plaster stop of 1/8" where a heavier application of mud is preferred. Recommended for colorfast and venetian plaster applications.
- Not recommended for stucco applications.

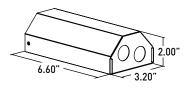
ROUTER TOOL GUIDE

- Specified separately and used with Flange Overlay configurations.
- For use in wood ceiling applications.
- DLA-RTG-2S-RD or DLA-RTG-2S-SQ required for wood Zero-Sightline ceiling installations.
- Router tool guide is reusable and suitable for multiple fixtures, minimum one per installer required.

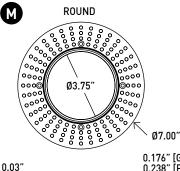
DIMENSIONS / DRAWINGS

Κ





0.03





0.062" plaster stop [G] 0.125" plaster stop [P]

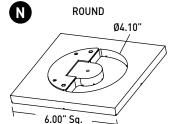
SQUARE °°0 000, 000 Ø3.75 0000 0000 0000 ۰۰,

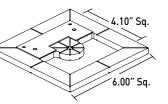


0.238" [P]

SSALLA 0.062" plaster stop [G] 0.125" plaster stop [P]

SQUARE







luciferlighting.com

©2025 Lucifer[®] Lighting Company As part of its policy of continuous research and product development, the company reserves the right to change or withdraw specifications without prior notice.

[PH] +1-210-227-7329 pg. 6 [FAX] +1-210-227-4967

[DATE OF REV: 02142025]

TECHNICAL INFORMATION

CONSTRUCTION

<u>Downlight</u>: Steel and aluminum; extruded aluminum heat-sink; painted finishes are granulated powder coat. 304 corrosion resistant stainless steel faceplate for wet location fixtures.

<u>Trim Adapter</u>: High-impact composite and stainless steel. <u>Housing</u>: 22 Gauge galvanized steel. <u>Appliqué</u>: Zinc alloy.

STATIC WHITE LED

2-step MacAdam ellipse LED module available in 80+, 90+ and 97+ CRI configurations in color temperatures of 2700K, 3000K, 3500K and 4000K. 3-step MacAdam ellipse LED module available in 90+ configuration in color temperature of 2400K. Average rated lamp life of 50,000 hours. LED and driver assemblies are field-replaceable.

WARM DIM LED

3-step MacAdam ellipse warm dim LED module available in 90+ CRI configuration. 3000K or 2700K at full brightness, warming to 1800K at full dim. Average rated lamp life of 50,000 hours. LED and driver assemblies are field-replaceable.

TUNABLE WHITE LED

3-step MacAdam ellipse tunable white LED module available in 90+ CRI configuration. Features tuning range of 2700K to 5000K and 1800K to 4000K. Average rated lamp life of 50,000 hours. Driver assemblies are field-replaceable.

POWER SUPPLY PERFORMANCE AND DIMMING INFORMATION

CHANGE LOG

1.04/06/2022: REMOVED REMOTE REMODEL ACCESSORY KIT DLA2-RMT-AK. 2.10/17/2022: REMOVED 90WA12H 3200K-1800K WARM DIM AND ADDED 90WA12H 3000K-1800K WARM DIM. 3.11/28/2022: REMODEL FIXTURES UPDATED WITH METAL CLASP

CONNECTORS.

4.04/26/2023: ADDED DECLARE LBC RED LIST APPROVED. 5.05/19/2023: UPDATED PERFORMANCE DATA WITH NEW OPTICS.

6.08/08/2023: UPDATED WITH NEW LED AND OPTIC SYSTEM.

7.01/11/2024: ADDED ATHENA AND CASAMBI CONTROL OFFERING. ADDED 2400K OFFERING.

8.02/07/2024: ADDED TUNABLE WHITE OFFERING.

9.3/15/2024: ADDED 10 DEGREE FIELD REDUCER, UPDATED 10 DEGREE PERFORMANCE DATA

10. 05/13/2024: UPDATED LH1 WATTAGE MINIMUM

11. 07/15/2024: REMOVED L23 DRIVER OFFERING

12. 02/14/2025: UPDATED FINISH OFFERINGS

	PHASE	EC	0	0-10V					DALI-2			ATHENA	CASAMBI	
Power Supply	TR2	LH1	LP1	EA2	LA2	AN4	LN2	DG1	DN1	ED1	LD1	DD1	AS1/AD1	CS1/CD1
Minimum °C	-20 °C	0°C	0°C	-20 °C	0°C	-20 °C								
Maximum °C	40 °C	40 °C	40 °C	40 °C	40 ° C	40 °C	40 °C							
Dimming %	2.0%	1.0%	0.1%	0.1%	0.1%	1.0%	1.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%

Note: For EA2 and LA2 drivers consult chart on page 8 to confirm appropriate dimming curve for compatibility with selected control.

MAXIMUM ALLOWABLE REMOTE DRIVER WIRING DISTANCES

	WIRE AWG					
DRIVER	12	14	16	18	20	
TR2, AN4, LN2	285'	180'	113'	71'	45'	
LH1, LP1	60'	40'	25'	15'	-	
EA2, LA2, ED1, LD1, DG1, DN1, DD1, AS1, AD1, CS1, CD1	-	-	118'	72'	46'	

FIXTURE WEIGHT

Trim - 2 lbs max Low Flux Housing - 4.2 lbs High Flux / Warm Dim Housing - 7.4 lbs Remote / Remodel Driver - 1.4 lbs

LISTING

cTUVus listed to UL1598 standard for IP20 Dry / Damp and IP64 Wet locations. CCEA, Airtight and Title 24 JA8-2022 Listed. NEMA 410 Compliant.

DECLARE

LBC Red List Approved.

LIMITED WARRANTY

Manufacturer's Limited Warranty guarantees product(s) listed to be free from defects in material and workmanship under normal use and service for 1-year. LED and power supplies are warranted to operate with 70% of original flux and remain within a range of 3 duv for a period of 5-years. 10-year Lutron Advantage limited warranty available on Lutron equipped systems. Warranty period begins from the date of shipment by Seller. Consult website for full warranty terms and conditions.



[DATE OF REV: 02142025]

luciferlighting.com

©2025 Lucifer[®] Lighting Company

As part of its policy of continuous research and product development, the company reserves the right to change or withdraw specifications without prior notice.



[PH] +1-210-227-7329 pg. 7 [FAX] +1-210-227-4967

DIMMING COMPATIBILITY

PHILIPS DRIVER COMPATIBILITY

Power supply TR2 Manufacturer	Family/Model #
Lutron Electronics	DV-600P
Lutron Electronics	DVELV-303P
Lutron Electronics	NTELV-600
Lutron Electronics	MAELV-600
Lutron Electronics	SELV-300P
Lutron Electronics	DVLV-600P
Lutron Electronics	NFTU-5A
Lutron Electronics	CTCL-153P
Lutron Electronics	GL-600H
Lutron Electronics	S-600P
Lutron Electronics	PHPM
Power supply AN4 Manufacturer	Family/Model #
Lutron Electronics	DVTV plus PP-DV
Lutron Electronics	DVSCTV plus PP-DV
Lutron Electronics	DVSTV
Lutron Electronics	DVSCSTV
Lutron Electronics	QSGRJ-XP plus GRX-TVI
Lutron Electronics	QSGRJ-XE plus GRX-TVI
Lutron Electronics	QSGR-XE plus GRX-TVI
Lutron Electronics	NFTV plus PP-DV
Lutron Electronics	NTSTV
Lutron Electronics	RMJ-5T
Lutron Electronics	RMJS-8T
Lutron Electronics	FCJS-010
Leviton	IllumaTch IP7 series Sunrise - SR1200ZTUNV

LUTRON DRIVER COMPATIBILITY

Power supply LH1 / LP1 Lutron Product Family	Part No.
PowPak Dimming Modules	RMJ-EC032-DV-B
PowPak Dimming Modules	FCJ/FCJS-ECO
Energi Savr Nodes	QSN-1ECO-S
GRAFIK Eye QS control unit Homeworks QS control unit	QSN-2ECO-S
GRAFIK Eye QS control unit Homeworks QS control unit	QSGRJE (wireless) QSGRE
Quantum Hub	QP22C
Quantum Hub	QP24C
Quantum Hub	QP26C
Quantum Hub	QP28C
Homeworks QS power module myRoom Plus power module	LQSE-2ECO-D

ال

eldoLED DRIVER COMPATIBILITY

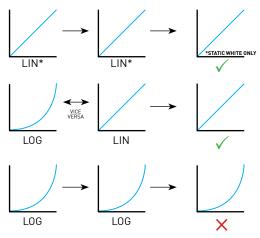
Power supply EA2/LA2 Manufacturer	Family/Model #
Busch-Jaeger	2112U-101
Jung	240-10
Leviton Lighting Controls	IP710-DLX
Lightolier Controls	ZP600FAM120
Merten	5729
Pass & Seymour	CD4FB-W
The Watt Stopper	DCLV1
Synergy	ISD BC
Crestron®	GLX-DIMFLV8
Crestron®	GLXP-DIMFLV8
Crestron®	GLPAC-DIMFLV4-*
Crestron®	GLPAC-DIMFLV8-*
Crestron®	GLPP-DIMFLVEX-PM
Crestron®	GLPP-1DIMFLV2EX-PM
Crestron®	GLPP-1DIMFLV3EX-PM
Crestron®	DIN-A08
Crestron®	DIN-4DIMFLV4
Crestron®	CLS-EXP-DIMFLV
Crestron®	CLCI-1DIMFLV2EX
Power supply EA2/LA2 Manufacturer	Family/Model #
Lutron Electronics	Nova T® - NTFTV
Lutron Electronics	Diva® - DVTV
Lutron Electronics	Nova® - NFTV
Lutron Electronics	GrafixEye® GRX-TVI w GRX3503
Lutron Electronics	Energy Savr Node™ - QSN-4T16-S
Lutron Electronics	TVM2 Module
Sensor Switch	nIO EZ
ABB	SD/S 2.16.1

ANALOG DRIVERS AND DIMMERS

DRIVER

DIMMER

OUTPUT



LIN = LINEAR LOG = LOGARITHMIC *LIN-TO-LIN NOT COMPATIBLE FOR WARM-DIM



©2025 Lucifer[®] Lighting Company

As part of its policy of continuous research and product development, the company reserves the right to change or withdraw specifications without prior notice.