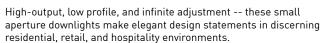
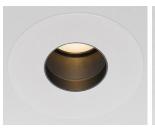
2 SERIES LVS

ADJUSTABLE



PROJECT NAME:	TYPE:







ORDERING INFORMATION

Quick Ship Product. All rough in components ship within 10 days up to quantities of 100.

									up to quantities of	100.
TRIM	RATING	FLANGE FINISH	CRI/WATTAGE PACKAGE	ССТ	OPTIC (UGR)	INSTALL TYPE	CEILING THICKNESS	POWER SUPPLY	MEDIA	FLANGE CONFIGURATION
								LVS		
2RA Round Expended 2PA Round Pinhole 2SA Square Expanded	1 Dry/Damp 2 Wet* *[Lens sealed in place]	WH White AG Satin Silver IG Industrial Gray AU Cashmere Gold AB Arch Bronze BB Burnt Bronze BK Black SS Stainless Steel* *(Increased lead time) CH Chrome* *(Increased lead time) PB Polished Bronze* *(Increased lead time) PR Primer CF Custom* *(Consult Factory) FINISH IMAGES ON PAGE 2	LOW FLUX STATIC WHITE 3.73" TALL HOUSING 80506A 80+ CRI, 6 Watts [Delivered - 2RA 670, 2PA 544, 2SA 603] 80511A 80+ CRI, 11 Watts [Delivered - 2RA 1076, 2PA 886, 2SA 1011] 80515A 80+ CRI, 15 Watts [Delivered - 2RA 1471, 2PA 1194, 2SA 1386] 90506A 90+ CRI, 6 Watts [Delivered - 2RA 578, 2PA 469, 2SA 520] 90511A 90+ CRI, 11 Watts [Delivered - 2RA 928, 2PA 764, 2SA 872] 90515A 90+ CRI, 15 Watts [Delivered - 2RA 128, 2PA 1029, 2SA 1195] 97506A 97+ CRI, 15 Watts [Delivered - 2RA 509, 2PA 412, 2SA 458] 97511A 97+ CRI, 15 Watts [Delivered - 2RA 509, 2PA 412, 2SA 458] 97511A 97+ CRI, 11 Watts [Delivered - 2RA 1116, 2PA 905, 2SA 1052] HIGH FLUX STATIC WHITE 6.5" TALL HOUSING 80521A 80+ CRI, 21 Watts [Delivered - 2RA 170, 2PA 1624, 2SA 1856] 90521A 90+ CRI, 21 Watts [Delivered - 2RA 1498, 2PA 1232, 2SA 1408] WARM DIM 6.5" TALL HOUSING 90W11A 90+ CRI, 11 Watts [Delivered - 2RA 645, 2PA 566, 2SA 590] Halogen Profile: 3000K - 1800K [Delivered - 2RA 645, 2PA 540, 2SA 581] 90W15A 90+ CRI, 15 Watts [Incandescent Profile: 2700K - 1800K [Delivered - 2RA 645, 2PA 540, 2SA 581] 90W15A 90+ CRI, 15 Watts [Incandescent Profile: 2700K - 1800K [Delivered - 2RA 645, 2PA 540, 2SA 580] *SEE PAGE 4 FOR DETAILED WARM DIM PROFILE COMPARISON. TUNABLE WHITE 6.5" TALL HOUSING 9017A 90+ CRI, 17 Watts, Incandescent Profile: 2700K - 1800K [Delivered - 2RA 645, 2PA 560, 2SA 560] *SEE PAGE 4 FOR DETAILED WARM DIM PROFILE COMPARISON. TUNABLE WHITE 6.5" TALL HOUSING 9017A 90+ CRI, 17 Watts, Warm Profile: 4000K - 1800K [Delivered - 2RA 1067, 2PA 908, 2SA 960] Cool Profile: 5000K - 2700K [Delivered - 2RA 1049, 2PA 908, 2SA 960]	24 2400K* **99+CRI only, 15W maxl 27 2700K 30 3000K 35 3500K 40 4000K WL 2700K- 1800K WD 3000K- 1800K WL 2700K- 1800K TR 4000K- 1800K TR 4000K- 2700K TR 4000K- 1800K	10 10°* <13 *(15W packages only) 15 15° <13 20 20° <13 25 25° <13 40 40° <13 360 60°* <13 35 25° <13 360 60°* <13 360 60°* <13 360 60°* <13 360 60°* <13 360 60°* <13 360 60°* <13 360 60°* <13 360 60°* <13 360 60°* <13 360 60°* <13 360 60°* <13 360 60°* <13 360 60°* <13 360 60°* <13 360 60°* <13 360 60°* <13 360 60°* <13 360 60°* <13 360 360° <13 360 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13 360° <13	Housing (1) (HR) NR NIC, Remote IR IC, Remote AR IC, Airtight* COEAland Airtight compliant housing) Remodel RR Remote-Remodel	0 0125" - 0.49"* *(RM, RR Install Types only) 1 0.50" - 0.75" 2 0.76" - 1.25"* *(Max Titl 13" See Page 4 for details.) 3 126" - 2.00"* *(Max Titl 2" See Page 4 for details.)	LVS LowVoltage System	Standard Media 04 Soft Focus Lens *(Required for 10° optic) Alternate Media NL No Lens* *(Not available for wet location or Warm Dim) 02 Honeycomb Louver* *(Not available for 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) 6 Zero Sightline Gypsum (1/16" Applique)* *(Not available for wet location) P Zero Sightline Plaster (1/18" Applique)* *(Not available for wet location)
			*ALL DELIVERED LUMEN OUTPUTS REF PAIRED WITH 20° OPTIC AND SOFT FOCU	LECT 3000K JS LENS.	*SEE PAGE 4 FOR UGR RATINGS.					

PART NUMBER NOTES

- Trims ships as e.g., 2RA1-WH-80S15A2-2HB1-L2304
- Housing ships as e.g., NCL-2RF-1-LED-01-LVS
- Appliqué ships with housing



ACCESSORIES

SECONDARY MEDIA

☐ **HCL-2** Honeycomb Louver*

*(Not available for Warm Dim)

☐ CGL-2 Clear Glass Lens*

*(Not available for Warm Dim)

☐ **SFL-2** Soft Focus Lens

□ **FGL-2** Frosted Glass Lens □ **UVL-2** Ultra Violet Lens

☐ FLSL-2 Frosted Linear Spread Lens
☐ SFL-2-SP Shatterproof Soft Focus Lens

☐ **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

☐ **RO-50-15-S** 15° optic

□ **RO-50-20-S** 20° optic

□ **RO-50-25-S** 25° optic

☐ **RO-50-40-S** 40° optic

RO-50-60-S 60° optic*
*(Not recommended for 2PA)

WARM DIM REPLACEMENT OPTICS

□ **RO-50-20-W** 20° optic

□ **RO-50-25-W** 25° optic

□ **R0-50-40-W** 40° optic

□ **RO-50-60-W** 60° optic*

(Not recommended for 2PA)

TUNABLE WHITE REPLACEMENT OPTICS

□ R0-50-15-T 15° optic

□ **RO-50-20-T** 20° optic

□ **RO-50-25-T** 25° optic

☐ **RO-50-40-T** 40° optic

□ **RO-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.

☐ T00L-HEX-050

FINISHES BY LUCIFER LIGHTING™





Black

Powder Coat



Orbital Brushed

304 Stainless Steel



Plated Finish





(MB) (PB)
Matte Bronze Polished Bronze
Plated Finish Plated Finish

APPLICATION NOTES

- Lucifer Lighting will not supply a fixture with a POE node or power supply inside the fixture. This allows for easier site install with nodes of 2 or more outputs.
- Consult node manufacturer for maximum remote wiring
- Housing and Fixture feature 18 Gauge wiring.
- Wiring connections are made in the splicing compartment or on the fixture using customer supplied connectors, ex. wire nuts, push-in connectors, or terminal blocks.
- Confirm node compatibility with factory if it is not listed. Customers are responsible for ensuring POE node drive current is set to correct values shown below.
- Customers must ensure voltage range of the proposed POE node encompasses the fixtures complete Vf range, both maximum and minimum. If assistance is required contact LLC rep or factory.

NODE COMPATIBILITY

Manufacturer	Model Number
I © © Enabling Smart Buildings ™	NP50-60-C-F-5
molex	180996-1001 180996-1002 180996-2001 180996-2002
PLATFORMATICS	1 Channel Node, POE-LN2-1U-E 2 Channel Node, POE-LN2-2U-E 4 Channel Node, POE-LN2-4U-E

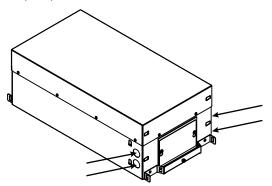
DRIVE CURRENT SPECIFICS

		80)S			90S			97S			90W				90T		
	06A	11A	15A	21A	06A	11A	15A	21A	06A	11A	15A	21A	11AD	11AL	15AD	15AL	17AH	17AR
Minimum Vf	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
Maximum Vf	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	37.6	37.6	37.6	37.6	37.6	37.6
Current mA	150	250	350	500	150	250	350	500	150	250	350	500	250	250	350	350	400	400
Wattage W	6	11	15	21	6	11	15	21	6	11	15	21	8	8	15	15	14	14

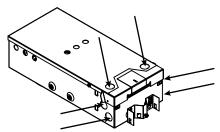
	10 DEGREE OPTIC					
	80S15C 90S15C 97S15C					
Minimum Vf	30.5	30.5	30.5			
Maximum Vf	36.2	36.2	36.2			
Current mA	350	350	350			
Wattage W	15	15	15			

WIRING DIAGRAM AND HOUSING ENTRY/ EXIT POINTS

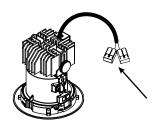
ICH/NCH/WARM DIM HOUSING











LV CONSTANT **CURRENT SOURCE:** POE NODE OR REMOTE DRIVER (+)

Class 2 Wiring

HOUSING OR REMODEL FIXTURE

= Red (+)

(-) = Black (-)



CRI/	ADJUSTABLE - 20° OPTIC - SOFT FOCUS LENS								
WATTAGE	WATTAGE	2F		2F		25			
PACKAGE		DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW		
80S06A	6	670	112	544	91	603	100		
80S11A	11	1076	98	886	80	1011	92		
80S15A	15	1471	98	1194	80	1386	92		
80S21A	21	1974	94	1624	77	1856	88		
90S06A	6	578	96	469	78	520	87		
90S11A	11	928	84	764	69	872	79		
90S15A	15	1268	84	1029	69	1195	80		
90S21A	21	1702	81	1400	67	1600	76		
97S06A	6	509	85	413	69	458	76		
97S11A	11	817	74	672	61	767	70		
97S15A	15	1116	74	905	60	1052	70		
97S21A	21	1498	71	1232	59	1408	67		
90W11AWL (2700K-1800K)	11	656	60	566	51	590	54		
90W11AWD (3000K-1800K)	11	645	59	540	49	581	53		
90W15AWL (2700K-1800K)	15	917	69	791	53	862	57		
90W15AWD (3000K-1800K)	15	904	60	756	50	850	57		
90T17ATR (4000K-1800K)	17	1067	57	908	54	960	56		
90T17ATH (5000K-2700K)	17	1049	60	900	53	944	56		

CRI /			ADJUSTABI	LE - 10° OPT	IC - SOFT F	OCUS LENS		
WATTAGE	-	2F	RA	2F	PA	2SA		
PACKAGE		DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW	
80S15C	15	491	33	415	28	453	30	
90S15C	15	423	28	358	24	390	26	
97S15C	15	365	24	309	21	337	22	

OUTPUT MULTIPLIER

ССТ	CCT SCALE
2400K	0.76
2700K	0.97
3000K	1.000
3500K	1.03
4000K	1.08

MEDIA LIGHT LOSS FACTOR

MEDIA LIGHT LUSS FACTUR								
LIGHT LOSS FACTOR								
1.15								
1.03								
1.00								
0.79								
0.70								
0.70								
0.81								

TUNARI E WHITE MUI TIPI IER

IUNABLE	TUNABLE WHITE MULTIPLIER									
ССТ	5000K- 2700K	4000K- 1800K								
5000K	1.16	1								
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								

10° OPTIC	20° OPTIC	25° OPTIC	40° OPTIC	60° OPTIC	
SOFT FOCUS LENS					
<13	<13	<13	<13		

WARM DIM PERFORMANCE - 20° OPTIC - SOFT FOCUS LENS

INCANDESCENT PROFILE

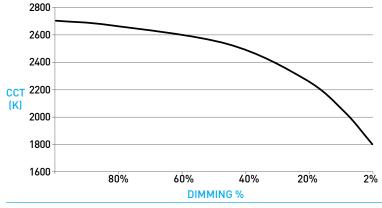
90W15AL 2700K - 1800K	Full on 100%	Dimmed to 80%	Dimmed to 70%	Dimmed to 50%	Dimmed to 20%	Dimmed to 10%	Dimmed to 2%
CCT (K)	2700	2650	2625	2550	2200	1900	1800
Light Output (Lm)	656	525	459	328	131	66	13
Power (W)	11	9	8	6	2.2	1.1	0.2
Efficacy (LPW)	59	59	59	59	59	59	59

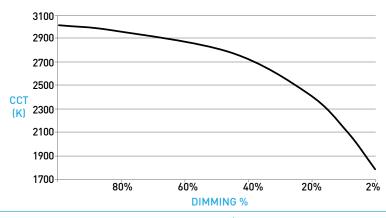
HAL	UGEN	PRU	IFILE

90W15AD 3000K - 1800K	Full on 100%	Dimmed to 80%	Dimmed to 70%	Dimmed to 50%	Dimmed to 20%	Dimmed to 10%	Dimmed to 2%
CCT (K)	3000	2950	2920	2775	2375	2000	1800
Light Output (Lm)	645	516	452	323	129	65	13
Power (W)	11	9	8	6	2.2	1.1	0.2
Efficacy (LPW)	58	58	58	58	58	58	58

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)	917	734	642	459	184	92	18
Power (W)	14	11	10	7	3	1.5	0.3
Efficacy (LPW)	64	64	64	64	64	64	64

90W15AD 3000K - 1800K	Full on 100%	Dimmed to 80%	Dimmed to 70%	Dimmed to 50%	Dimmed to 20%	Dimmed to 10%	Dimmed to 2%
CCT (K)	3000	2950	2920	2775	2375	2000	1800
Light Output (Lm)	904	723	632	457	180	90	18
Power (W)	14	11	10	7	3	1.5	0.3
Efficacy (LPW)	65	65	65	65	65	65	65







DOWNLIGHT

Hot-aim adjustment from below up to 45° tilt and 357° rotation, faceplate conceals adjustment mechanisms, ensuring fixture aim integrity is maintained

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

OPTICS ₿

Robust light engine with optimized optic pairing integrates Reflection, Refraction, and TIR offering 10°, 15°, 20°, 25°, 40° & 60° beams. 10° field reducer included with 10° optic.

TILT GUIDE

Features adjustment angles and allows for pre-aiming prior to insertion of fixture.

MEDIA

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

Features removable faceplate providing access to adjustment mechanisms. Rare Earth magnets secure faceplate firmly to trim mechanism and do not degrade over time.

- Dry / Damp Location: Thickness measures 0.06".
- Wet Location: Sealed aperture and integral silicone gasket. 0.17" (4.3mm) 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.

TILT CHART

Chart references abbreviated ceiling thickness and use of 1 media.

HOUSING

CEILING THICKNESS	≤ 0.75" (19mm)	≤1.25" (32mm)	≤2.00" (50mm)	≤ 2.25" (57mm)	≤3.00" (76mm)
	"-1" collar	"-2" collar	"-3" collar	"-4" collar	"-4" collar
Low Flux	45°	30°	10°	5°	4°
High Flux	45°	35°	13°	5°	4°

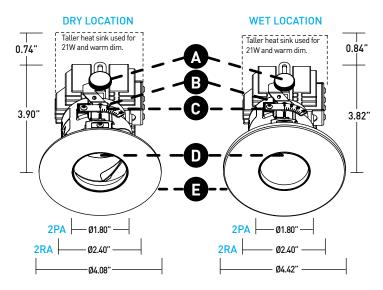
REMODEL

CEILING THICKNESS	≤0.50" (13mm) "-0" collar	≤ 0.75" (19mm) "-1" collar	≤1.00" (25mm) "-2" collar	≤1.25" (32mm) "-2" collar
Low Flux	45°	45°	45°	38°
High Flux	45°	45°	45°	45°

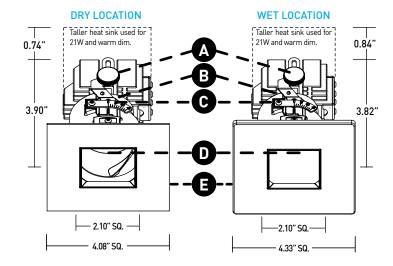
CEILING THICKNESS	≤1.50" (38mm) "-3" collar	≤2.00" (51mm) "-3" collar	≤2.50" (70mm) "-4" collar	≤3.00" (76mm) "-4" collar
Low Flux	32°	18°	8°	6°
High Flux	38°	25°	13°	6°

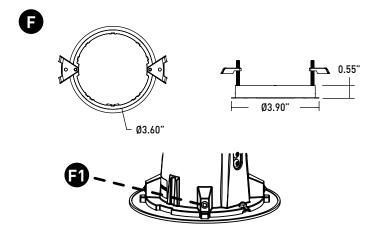
DIMENSIONS / DRAWINGS

ROUND



SQUARE





reserves the right to change or withdraw specifications without prior notice.

HOUSING

G LOW FLUX NO INSULATION CONTACT (NON-IC) HOUSING (NCL)

- Included with 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 (ICL)

- Included with IR 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 IC / NON-IC / WARM DIM HOUSING (ICH/NCH)

- 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 IC housing.

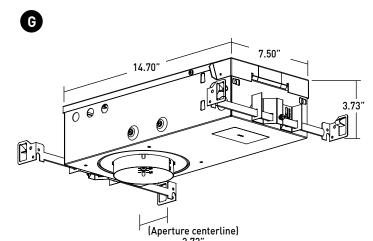
HOUSING MOUNTING NOTES

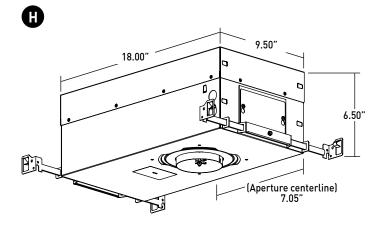
- AR install type is required for CCEA, Airtight and Title 24 (JA8) applications.
- Do not install in environments where ambient temperatures exceed 40°C (104°F).
- Splice connections may be serviced from room side.
- Consult factory for spacing requirements for any installations exceeding R-Value 60.
- Hanger bars fitted to short and long side of low flux housing, and short side only of High Flux 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.

REMODEL NOTES

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

DIMENSIONS / DRAWINGS







REMODEL

REMODEL

- Provided with RR install type.
- UL2043 listed for air-handling plenum.
- Installs without conventional housing using integral mounting clamps.
- Requires plenum rated Class 2 cable between fixture and power supply. Cable supplied by others.
- Minimum 2.75" clearance from top of trim.
- Minimum setback from combustible and noncombustible materials of 6.63" 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.
- Do not install in environments where ambient temperatures exceed 40°C (104°F).
- All splice connections serviceable from room side.
- Consult factory for spacing requirements for any installations exceeding R-Value 60.



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

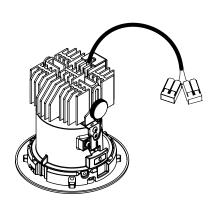
- Specified on Flange Configuration and ships with housing; ships separately on remodel installations.
- For use in sheetrock ceiling applications.
 - 1/16" Appliqué (G Flange Configuration) recommended for gypsum ceiling installations and has plaster stop thickness of 1/16". Recommended for painted 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.

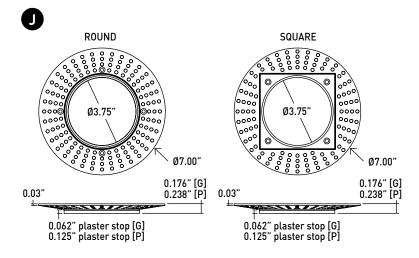
ROUTER TOOL GUIDE

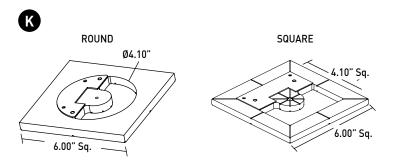
- Specified separately and used with Flange Overlay configurations.
- For use in wood ceiling applications.
- DLA-RTG-2S-RD or DLA-RTG-2S-SQ required for wood Zero-Sightline ceiling installations.
- Router tool guide is reusable and suitable for multiple fixtures.

DIMENSIONS / DRAWINGS









pq. 7

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.

Housing: 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+ CRI configuration in color temperatures 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.

WEIGHT

Trim - 2.2 lbs max Low Flux Housing - 4.2 lbs High Flux Housing - 7.4 lbs Remote / Remodel Driver - 1.4 lbs

LISTING

cTUVus listed to UL1598 standard for Dry / Damp and 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.

CHANGE LOG

- 1.01/12/2021: ADDED 2200K, 2700K-1800K WARM DIM AND 10 DEGREE OPTIC OFFERINGS.
- 2.04/06/2022: REMOVED REMOTE REMODEL ACCESSORY KIT DLA2-RMT-AK.
- 3.10/17/2022: REMOVED 90WA13H 3200K-1800K WARM DIM AND ADDED 90WA12H 3000K-1800K WARM DIM.
- 4.08/08/2023: UPDATED WITH NEW LED AND OPTIC SYSTEM.
- $5.02/07/2024; \, \mathrm{ADDED} \,\, 2400 \mathrm{K}, \, \mathrm{LOW} \,\, \mathrm{WATTAGE}, \, \mathrm{AND} \,\, \mathrm{TUNABLE} \,\, \mathrm{WHITE} \,\, \mathrm{OFFERINGS}.$
- 6.3/15/2024: ADDED 10 DEGREE FIELD REDUCER, UPDATED 10 DEGREE PERFORMANCE DATA



As part of its policy of continuous research and product development, the company

reserves the right to change or withdraw specifications without prior notice.