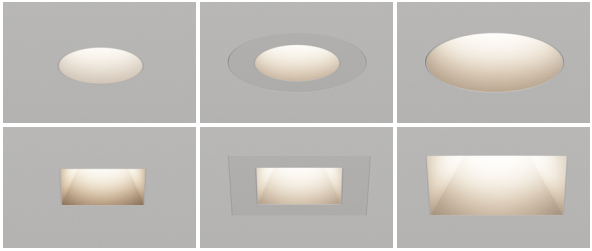


1 SERIES

FIXED REMODEL

PROJECT NAME:

TYPE:



- Max output of 971Lm at 80+ CRI
- Available with trimless and zero sightline baffles, featuring 1" and 1.6" apertures
- Expanded baffles feature UGR value of <7

ORDERING INFORMATION - FIXTURE

TRIM	RATING	TYPE	BAFFLE & MOUNTING	EXTERIOR FINISH	INTERIOR FINISH	CRI	WATTAGE	CCT	OPTIC (UGR)	MEDIA	INSTALL TYPE	CEILING THICKNESS	DRIVER
		F										1	
1RP 1SP 1RE 1SE	1 IP20 Dry/Damp 2 IP64 Wet	Fixed	T Trimless G Zero Sightline Gypsum* *(1RP/1SP only)	TRIMLESS TG Trimless Gypsum* *(Required for trimless gypsum) ZERO SIGHTLINE POWDERCOAT WH White AG Satin Silver AU Cashmere Gold AB Architectural Bronze BB Burnt Bronze BK Black SB Specular Black PR Primer CF Custom Finish* *(Consult Factory) ALUMINA 01 Brushed Obsidian 02 Matte Obsidian 03 Brushed Dark Patinated Bronze* 04 Matte Dark Patinated Bronze 05 Brushed Aged Aluminum* 06 Matte Aged Aluminum 07 Brushed Cast Brass 08 Matte Cast Brass 09 Brushed Light Patinated Bronze 10 Matte Light Patinated Bronze	POWDERCOAT WH White AG Satin Silver AU Cashmere Gold AB Architectural Bronze BB Burnt Bronze BK Black SB Specular Black PR Primer CF Custom Finish* *(Consult Factory) ALUMINA *Brushed finishes only available for round baffles 01 Brushed Obsidian* 02 Matte Obsidian 03 Brushed Dark Patinated Bronze* 04 Matte Dark Patinated Bronze 05 Brushed Aged Aluminum* 06 Matte Aged Aluminum 07 Brushed Cast Brass* 08 Matte Cast Brass 09 Brushed Light Patinated Bronze* 10 Matte Light Patinated Bronze	STATIC WHITE 80S 80+ CRI 90S 90+ CRI 95S 95+ CRI WARM DIM 90L 90+ CRI	STATIC WHITE 1RP/1SP 06C 6W, 415 Lm 11C 11W, 632 Lm 15C 15W, 839 Lm 1RE/1SE 06C 6W, 436 Lm 11C 11W, 664 Lm 15C 15W, 839 Lm WARM DIM 1RP/1SP 11D 11W 15D 15W Incandescent Profile 11D - 363 Lm 15D - 481 Lm ----- Halogen Profile 11D - 385 Lm 15D - 511 Lm 1RE/1SE 11D 11W 15D 15W Incandescent Profile 11D - 367 Lm 15D - 490 Lm ----- Halogen Profile 11D - 389 Lm 15D - 520 Lm DELIVERED LUMEN OUTPUTS REFLECT 90CRI, 3000K, 40° OPTIC, AND NO LENS.	24 2400K* *(190 CRI only) 27 2700K 30 3000K 35 3500K 40 4000K WL 2700K-1800K WD 3000K-1800K WL 2700K-1800K WD 3000K-1800K	20 20° 30 30° 40 40° 40 40° 40 40°	NL No Lens 01 Clear Film* *(Required for wet location)	REMODEL RR Remote Remodel	1 0.50" - 1.50"	REMOTE PH1 Forward / Reverse Phase, 2%, 120V SG3 eldoLED, ECOdrive 1%, 0-10V, LOG, 120V-277V SN3 eldoLED, ECOdrive 1%, 0-10V, LIN, 120V-277V EG1 eldoLED, SOLOdrive 0.1% 0-10V, LOG, 120V-277V EN1 eldoLED, SOLOdrive 0.1% 0-10V, LIN, 120V-277V ED1 eldoLED, SOLOdrive 0.1% DALI-2, LOG, 120V-277V LP1 Lutron, Hi-Lume Premier Ecosystem 0.1% Fade to Black, 120V or 277V AS1 / ASR Athena Control eldoLED, SOLOdrive 0.1%, 120V-277V* *(Includes Athena Node. Extended lead time, consult factory. ASR includes remote shunt) CS1 / CSR Casambi Control eldoLED, SOLOdrive 0.1%, 120V-277V* *(Includes Casambi Node. Extended lead time, consult factory. CSR includes remote shunt) HUB Distributed Power System, Powers up to 6 Fixtures* *(Requires further specification on page 2)

- PART NUMBER NOTES
- Fixture ships as e.g., 1RE2FTTGAU90S15C3540NLRR1SG3
 - Housing, driver, trim, and applique ship as one unit



1 SERIES FIXED REMODEL

ACCESSORIES

CONFIGURATION - REQUIRED FOR 'HUB' DRIVER SPECIFICATION

ASSEMBLY	QTY	WATTAGE	REMOTE DRIVER
HUB			
DISTRIBUTED POWER HUB	2X 2 Fixtures 3X 3 Fixtures 4X 4 Fixtures 5X 5 Fixtures 6X 6 Fixtures	06W 6 Watts 11W 11 Watts 15W 15 Watts	PH1 Forward/Reverse Phase, 2%, 120V SG5 eldoLED, ECOdrive 1%, 0-10V, LOG, 120V-277V SN5 eldoLED, ECOdrive 1%, 0-10V, LIN, 120V-277V EG1 eldoLED, SOLdrive 0.1% 0-10V, LOG, 120V-277V EN1 eldoLED, SOLdrive 0.1% 0-10V, LIN, 120V-277V ED1 eldoLED, SOLdrive 0.1% DALI-2, LOG, 120V-277V AS1/ASR Athena Control, eldoLED, SOLdrive, 0.1%, 120V-277V* *(Includes Athena Node. Extended lead time, consult factory. ASR includes remote shunt) CS1/CSR Casambi Control eldoLED, SOLdrive, 0.1%, 120V-277V* *(Includes Casambi Node. Extended lead time, consult factory. CSR includes remote shunt) LP1 Lutron, Hi-Lume Premier Ecosystem 0.1% Fade to Black, 120V or 277V

PART NUMBER NOTES

- Configuration e.g. HUB2X15WPH1, ordered as separate line item
- HUB ships as e.g., HUB2X15WPH1

ACCESSORIES

REPLACEMENT OPTICS

Interchangeable optics accessible through fixture aperture.

- RO-17-20 20° optic
- RO-17-30 30° optic
- RO-17-40 40° optic

REPLACEMENT BAFFLE ASSEMBLY (INCLUDES MEDIA)

ASSEMBLY	SHAPE	RATING	TYPE	BAFFLE	EXTERIOR FINISH	INTERIOR FINISH	MEDIA
RBA			F				
REPLACEMENT BAFFLE ASSEMBLY	1RP Round 1SP Square 1RE Round Expanded 1SE Square Expanded	1 IP20 Dry/Damp 2 IP64 Wet* *(Suction cup provided for aim and focus)	F Fixed	T Trimless* (Required for 1RE/1SE) G Zero Sightline* (1RP/1SP Only)	TG Trimless Gypsum WH White AG Satin Silver AU Cashmere Gold AB Arch. Bronze BB Burnt Bronze BK Black PR Primer CF Custom Finish* *(Consult Factory) *See page 1 for Alumina finish options	WH White AG Satin Silver AU Cashmere Gold BB Burnt Bronze BK Black PR Primer CF Custom Finish* *(Consult Factory) *See page 1 for Alumina finish options	NL No Lens 01 Clear Glass Lens

REPLACEMENT INSTALLATION TOOLS

One included with every six fixtures designated Wet location.

- 01S-TOOL-BAFFLE-REMOVAL Allows for baffle removal with Wet location
- 01S-TOOL-ENGINE-INST-REMOVAL Allows for installation of LED module
- 01S-TOOL-ENGINE-BAFFLE-COMBO Includes both baffle removal tool and LED installation tool

HANGER BAR EXTENDER KIT

Extends hanger bars from 24.0" to 46.0" maximum.

- FRX-HBE-46 Extender, Hanger Bar

EMERGENCY LIGHTING - REMOTE MOUNT ONLY

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

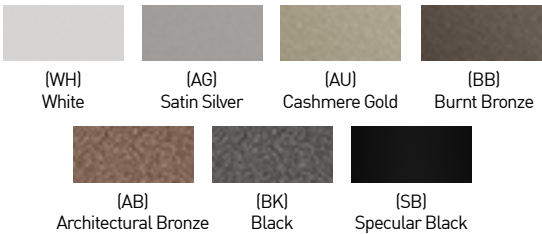
- EMB-S-25-120/277-LEDX 25 watt max capacity, 120 or 277 VAC 60Hz, Non-Dimmable
- EMB-S-100-120-LEDX 100 watt max capacity, 120 VAC 60Hz, 0-10V Dimmable
- EMB-S-100-277-LEDX 100 watt max capacity, 277 VAC 60Hz, 0-10V Dimmable
- EMB-S-250-120/277-LEDX 250 watt max capacity, 120 or 277 VAC 60Hz, 0-10V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

*SHUNT REQUIRED FOR USE WITH ATHENA AND CASAMBI CONTROLS, CONSULT FACTORY FOR DETAILS.

COMPATIBILITY BY DRIVER TYPE AND QUANTITY

DRIVER	HUB2X			HUB3X			HUB4X			HUB5X			HUB6X		
	06W	11W	15W	06W	11W	15W	06W	11W	15W	06W	11W	15W	06W	11W	15W
PH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		
SG/SN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
EG/EN/ED	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
AS/CS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
LP1	✓	✓	✓	✓	✓	✓	✓	✓		✓			✓		

POWDERCOAT FINISHES



ALUMINA FINISHES BY LUCIFER LIGHTING™



1 SERIES FIXED REMODEL

PERFORMANCE - 1RP - 3000K - NO LENS

LUMEN PACKAGE	WATTS	20° OPTIC		30° OPTIC		40° OPTIC	
		DLVD	LPW	DLVD	LPW	DLVD	LPW
80S06C	6	223	37	384	64	480	80
80S11C	11	340	31	585	53	731	66
80S15C	15	451	30	777	52	971	65
90S06C	6	193	32	332	55	415	69
90S11C	11	294	27	506	46	632	57
90S15C	15	390	26	672	45	839	56
95S06C	6	139	23	239	40	298	50
95S11C	11	211	19	363	33	454	41
95S15C	15	280	19	483	32	603	40
90L11DL (27K-18K)	11	-	-	-	-	363	33
90L11DD (30K-18K)	11	-	-	-	-	385	35
90L15DL (27K-18K)	15	-	-	-	-	481	32
90L15DD (30K-18K)	15	-	-	-	-	511	34

OUTPUT MULTIPLIER	
CCT	CCT SCALE
2400K	0.89
2700K	0.98
3000K	1.00
3500K	1.09
4000K	1.14

MEDIA LIGHT LOSS MULTIPLIER	
MEDIA	LIGHT LOSS FACTOR
NO LENS	1.00
LENS	0.93

FINISH MULTIPLIER	
CCT	CCT SCALE
WHITE	1.00
BLACK	0.98
SPECULAR BLACK	0.98

UNIFIED GLARE RATING		
20° OPTIC	30° OPTIC	40° OPTIC
<13	<13	<10

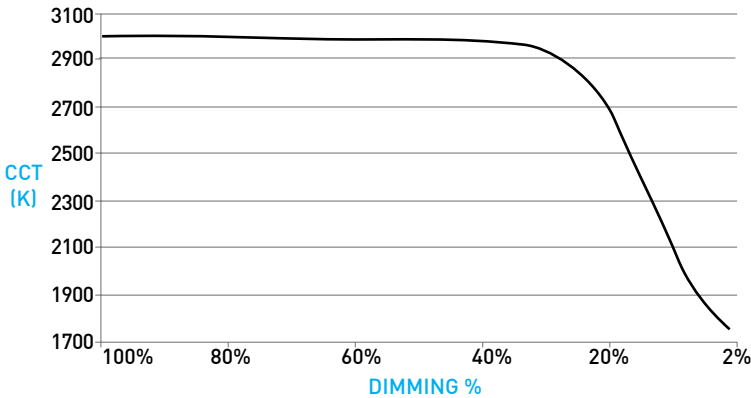
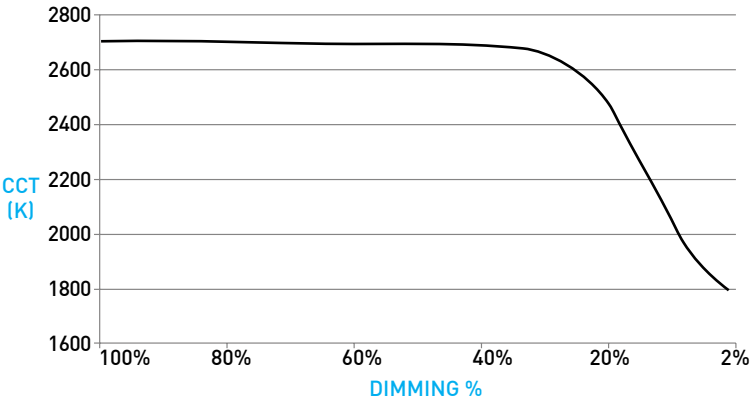
WARM DIM PERFORMANCE - NO LENS - 40° OPTIC

INCANDESCENT PROFILE - TRIMLESS

90L11DL 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)	2700K	2700K	2700K	2700K	2500K	1900K	1800K
Light Output (Lm)	363	290	254	182	73	36	7
Power (W)	11	8.8	7.7	5.5	2.2	1.1	0.2
Efficacy (LPW)	33	33	33	33	33	33	33
90L15DL 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)	2700K	2700K	2700K	2700K	2500K	1900K	1800K
Light Output (Lm)	481	385	337	241	96	48	10
Power (W)	15	12	10.5	7.5	3	1.5	0.3
Efficacy (LPW)	32	32	32	32	32	32	32

HALOGEN PROFILE - TRIMLESS

90L11DD 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)	3000K	3000K	3000K	3000K	3000K	2000K	1800K
Light Output (Lm)	385	308	270	193	77	39	8
Power (W)	11	8.8	7.7	5.5	2.2	1.1	0.2
Efficacy (LPW)	33	33	33	33	33	33	33
90L15DD 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)	3000K	3000K	3000K	3000K	3000K	2000K	1800K
Light Output (Lm)	511	409	358	256	102	51	10
Power (W)	15	12	10.5	7.5	3	1.5	0.3
Efficacy (LPW)	35	35	35	35	35	35	35



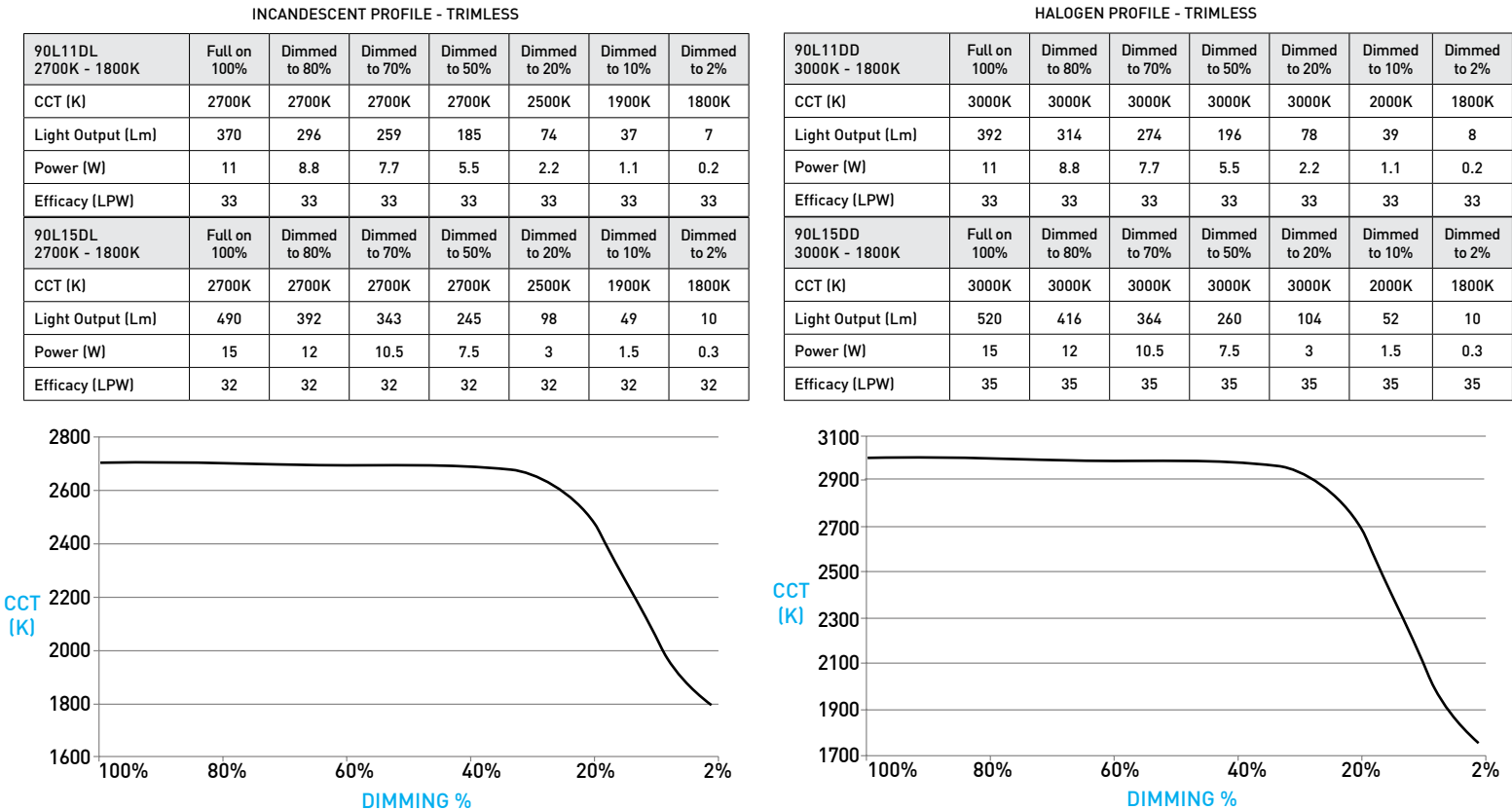
NOTE: LIN-TO-LIN 0-10V PAIRING NOT COMPATIBLE WITH WARM DIM.

1 SERIES FIXED REMODEL

PERFORMANCE - 1RE - 3000K - NO LENS

LUMEN PACKAGE	WATTS	20° OPTIC		30° OPTIC		40° OPTIC		OUTPUT MULTIPLIER	
		DLVD	LPW	DLVD	LPW	DLVD	LPW	CCT	CCT SCALE
80S06C	6	222	37	393	65	504	84	2400K	0.89
80S11C	11	338	31	598	54	768	70	2700K	0.98
80S15C	15	449	30	795	53	970	65	3000K	1.00
								3500K	1.09
								4000K	1.14
90S06C	6	192	32	340	57	436	73	MEDIA LIGHT LOSS MULTIPLIER	
90S11C	11	292	27	517	47	664	60	MEDIA	LIGHT LOSS FACTOR
90S15C	15	388	26	687	46	839	56	NO LENS	1.00
								LENS	0.93
95S06C	6	138	23	244	41	313	52	FINISH MULTIPLIER	
95S11C	11	210	19	372	34	477	43	CCT	CCT SCALE
95S15C	15	279	19	494	33	611	41	WHITE	1.00
								BLACK	0.98
								SPECULAR BLACK	0.98
90L11DL (27K-18K)	11	-	-	-	-	370	34	UNIFIED GLARE RATING	
90L11DD (30K-18K)	11	-	-	-	-	392	36	20° OPTIC	30° OPTIC
90L15DL (27K-18K)	15	-	-	-	-	490	33	<7	<7
90L15DD (30K-18K)	15	-	-	-	-	520	35	40° OPTIC	<7

WARM DIM PERFORMANCE - NO LENS - 40° OPTIC



1 SERIES FIXED REMODEL

DOWNLIGHT / HOUSING

A HIGH/LOW WATTAGE REMODEL HOUSING

- For RR installation types.
- IC-rated heatsink, does not have any setback requirements from combustible and non-combustible materials.
- High wattage housing features 2.00" tall heat sink and is available for 15W packages.
- Low wattage housing features 1.25" tall heat sink and is available for 6W and 11W packages only

B LIGHT ENGINE

Robust light engine with optimized optic pairing integrates Reflection, Refraction, and TIR offering 20°, 30°, and 40° beams.

C REMODEL MOUNTING PLATE

Installs above ceiling, requiring Ø6.625" cutout. Rectangular design (6.15" x 8.00") allows for installation above ceiling after cutout. Mounting holes align with applique, ensuring secure fixture mounting via factory supplied screws.

D ZERO-SIGHTLINE / TRIMLESS DRYWALL PROFILE

Installs totally flush with the ceiling with no visible trim. Applique includes screws for mounting and has 0.06" plaster stop. Not recommended for stucco applications.

E 1" ZERO-SIGHTLINE / TRIMLESS BAFFLE

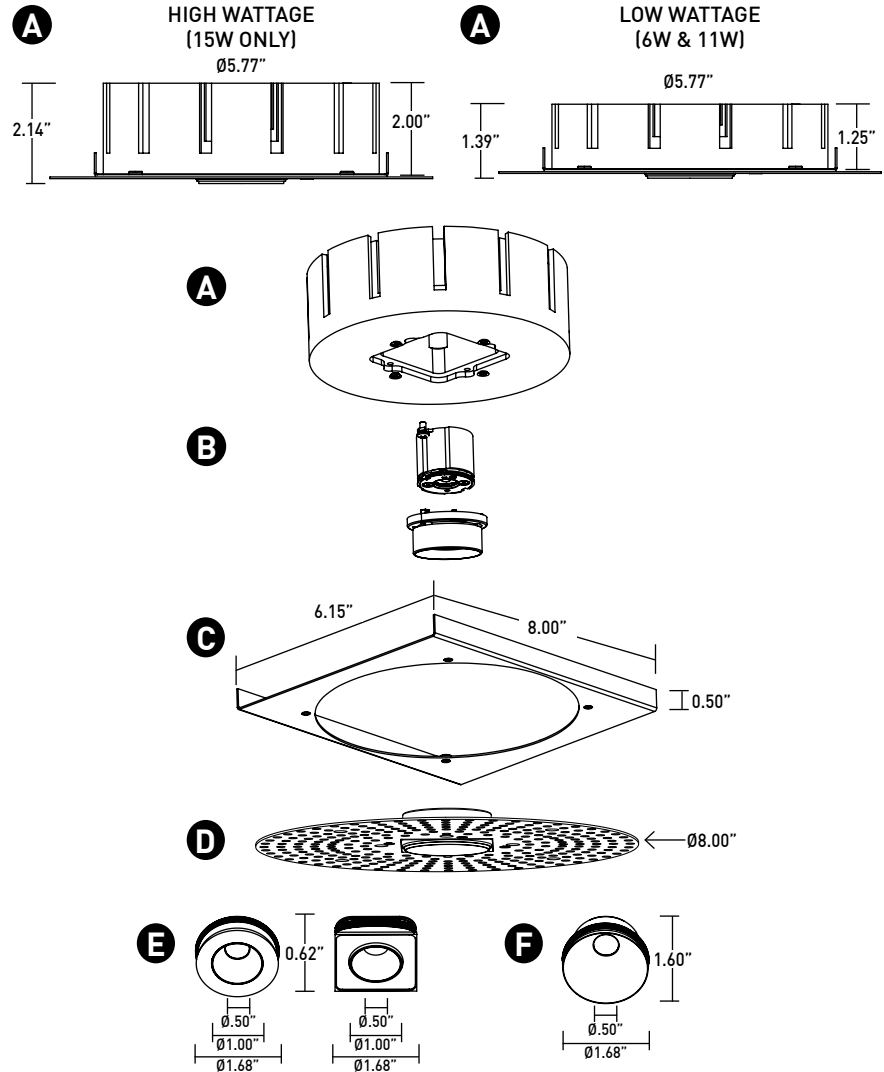
CNC-Milled removable baffle provides 45° glare cutoff. Minimizes aperture glare and conceals view into housing; includes gasket. Exterior faceplate available in powdercoat, plated, and alumina finishes; interior finish available in powdercoat and alumina finishes. Available in zero-sightline and trimless profiles.

Trimless baffle requires 1.7" square ceiling break for LED/driver servicing.

F 1.6" EXPANDED BAFFLE

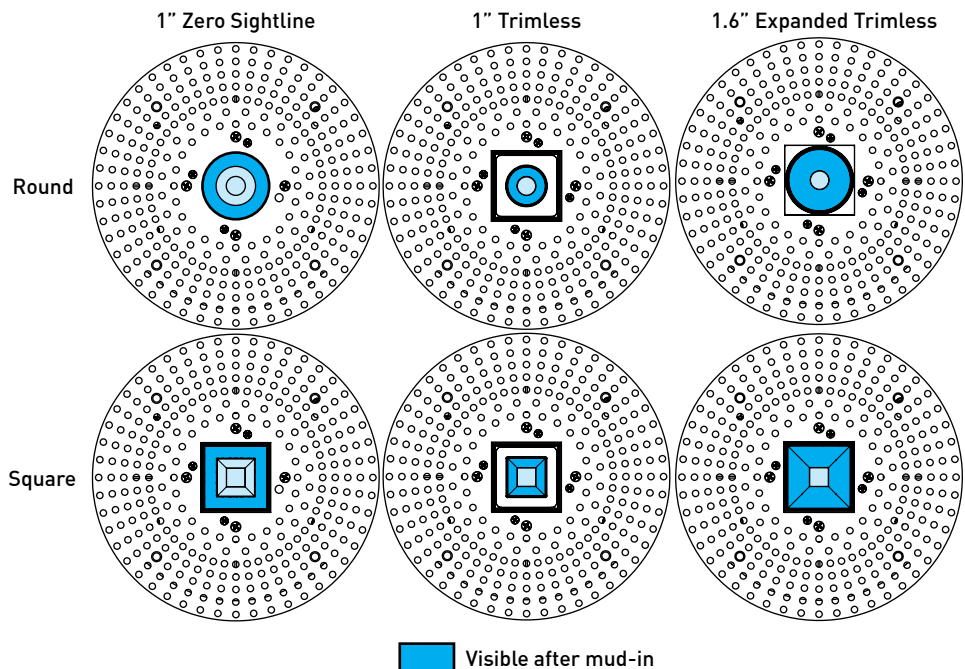
CNC-Milled removable baffle provides 46° glare cutoff. Minimizes aperture glare and conceals view into housing; includes gasket. No exterior finish, interior finish available in powdercoat and alumina finishes. Available in trimless profile only.

DIMENSIONS / DRAWINGS



REMODEL NOTES

- Do not install Remodel fixtures in environments where ambient temperatures exceed 40°C (104°F).
- Power supply compartment and all splice connections may be serviced from room side.
- Remodel fixtures accommodate ceiling thicknesses between 0.50" and 1.50".



1 SERIES FIXED REMODEL

DOWNLIGHT / HOUSING

G APPLIQUÉ DETAIL

Appliqué for plaster floating directly to baffle.

H REMOTE REMODEL APPLICATIONS

- Remote power supply included with "RR" Install Type
- Requires plenum rated Class 2 cable between fixture and remote driver. Cable supplied by others.
- Lever connectors provided for remote power supply connection.
- See page 7 for maximum allowable wiring distances.

I ATHENA / CASAMBI CONTROL

Controls integrated Remote driver assembly. All equipment is serviceable.

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

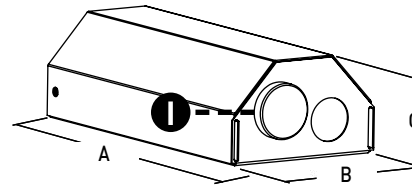
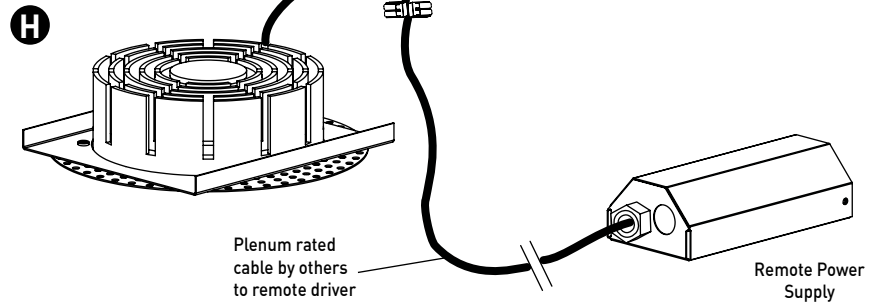
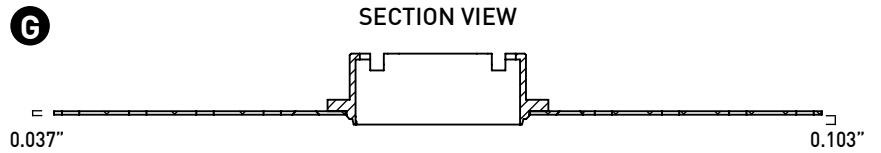
Casambi Model Number: BT-S1E1-5400

J ATHENA / CASAMBI EM SHUNT

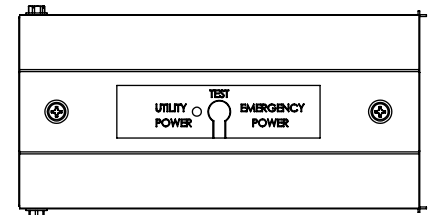
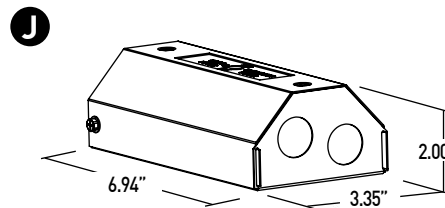
Included with drivers specified as ASR, ADR, CSR, or CDR. One required for each wireless EM fixture, requires class 2 control wiring between fixture and shunt. Features integrated test switch.

Model Number: PS-RMT-SHUNT

DIMENSIONS / DRAWINGS



	A	B	C
PHASE / 0-10V / DALI / ECOSYSTEM	6.94"	3.35"	2.00"
ATHENA / CASAMBI	8.10"	5.00"	2.00"



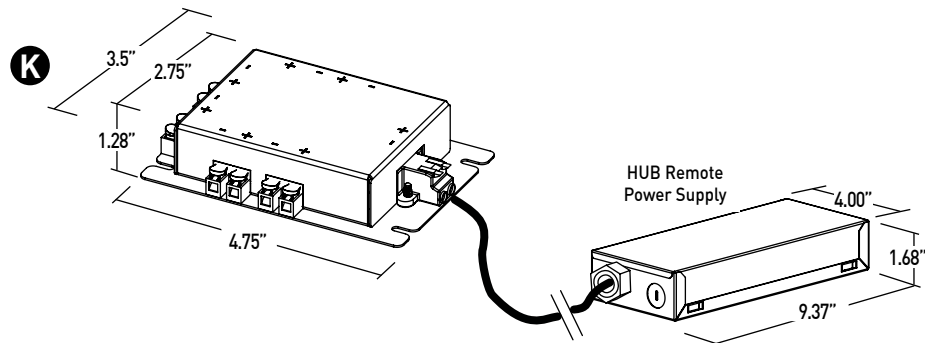
DISTRIBUTED POWER ACCESSORY

K HUB

Included with "HUB" driver selection. Allows for multi-fixture power distribution from one remote power supply to a maximum of 6 fixtures. Connectable fixture quantity is specified in fixture part number on page 2. Hub base plate allows for structural mounting and wiring during rough-in. Wiring distances for HUB based on quantity featured in figure K.

Model Number e.g.: HUB2X15WPH1

DIMENSIONS / DRAWINGS



MAXIMUM ALLOWABLE TOTAL WIRING LENGTH

DRIVER-TO-HUB AWG	HUB-TO-FIXTURE AWG	TOTAL LENGTH
18	18	150'
16	16	200'
14	14	250'
12	18	400'*
12	16	450'*
12	14	500'*
*Total length requires 250' 12AWG Driver-to-Hub wiring		

1 SERIES FIXED REMODEL

TECHNICAL

CONSTRUCTION

Downlight: Painted finishes are granulated powder coat; Alumina finishes are anodized aluminum. Plated finishes are plated.

Housing: Aluminum and 22 Gauge galvanized steel. Forged aluminum heat-sink.

Remote Power Supply: 22 Gauge galvanized steel.

Appliqué: Aluminum base with 22 Gauge galvanized steel flange.

STATIC WHITE LED

2-step MacAdam ellipse LED module available in 80+, 90+ and 95+ CRI configurations in color temperatures of 2700K, 3000K, 3500K and 4000K. 3-step MacAdam ellipse LED module available in 90+ CRI configuration in color temprtature of 2400K. Average rated lamp life: 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.

POWER SUPPLY PERFORMANCE AND DIMMING INFORMATION

	PHASE	0-10V				ECO	DALI-2	ATHENA		CASAMBI	
Power Supply	PH1	SG3	SN3	EG1	EN1	LP1	ED1	AS1	AD1	CS1	CD1
Minimum °C	-20 °C	-20 °C	-20 °C	-20 °C	-20 °C	0 °C	-20 °C	0 °C	0 °C	-20 °C	-20 °C
Maximum °C	40 °C	40 °C	40 °C	40 °C	40 °C	40 °C	40 °C	40 °C	40 °C	40 °C	40 °C
Dimming %	2.0%	1.0%	1.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%

Note: For LP1, EG1 and EN1 drivers consult chart on page 7 to confirm appropriate dimming curve for compatibility with selected control.

MAXIMUM ALLOWABLE REMOTE DRIVER WIRING DISTANCES (SINGLE FIXTURE, SINGLE DRIVER)

DRIVER	WIRE AWG				
	12	14	16	18	20
PH1	285'	180'	113'	71'	45'
LP1	60'	40'	25'	15'	-
EG1, EN1, ED1, SG3, SN3, AS1, CS1, AD1, CD1	-	-	118'	72'	46'

LISTING

UL1598 standard for IP20 Dry / Damp and IP64 Wet locations. NEMA 410 Compliant.

DECLARE

LBC Red List Approved.

BUY AMERICAN ACT

Buy American Act compliant.

WEIGHT

1.25" Remodel Housing - 3 lbs
2.00" Remodel Housing - 4 lbs
Remote Driver - 1.4 lbs

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.

CHANGE LOG

1. 05/06/2025: ADDED WARM DIM AND DISTRIBUTED POWER PRODUCT OFFERINGS



1 SERIES FIXED REMODEL

DIMMING COMPATIBILITY

LUTRON DRIVER COMPATIBILITY

Power supply LP 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	QSN-2ECO-S
Homeworks QS control unit	QSGRJ- _E (wireless) QSGR- _E
Quantum Hub	QP2- _ _ 2C
Quantum Hub	QP2- _ _ 4C
Quantum Hub	QP2- _ _ 6C
Quantum Hub	QP2- _ _ 8C
Homeworks QS power module	LQSE-2ECO-D
myRoom Plus power module	



eldoLED DRIVER COMPATIBILITY

Power supply EG/SG 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 EN/SN 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

