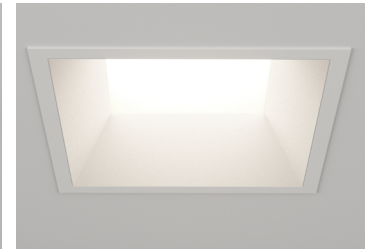# FRAXION®4
HIGH FLUX
ADJUSTABLE

Very versatile, and highly configurable, these 4-inch downlights are the widest aperture we offer, ideal for overall illumination in residential and commercial spaces.

PROJECT NAME:	TYPE:

ORDERING INFORMATION - DOWNLIGHT / HOUSING

TITLE 24 COMPLIANT — JA8-2022 INDICATED BY SHADING

SHAPE		TRIM		RATING	FLANGE FINISH		BAFFLE FINISH		CRI / WATTAGE PACKAGE	CCT		OPTIC (UGR)			INSTALL TYPE	CEILING THICKNESS	DRIVER	MEDIA
F4R	Round	FAS	Standard Flange	1 Dry/Damp	WH	White	WH	White	**STATIC WHITE 8.75" TALL HOUSING**	27	2700K	15	15° [<19]	**INTEGRAL DRIVER**	1 0.50" - 1.00"	**DOMESTIC (120V)**	**STANDARD MEDIA**
		MAS	Microflange	2 Wet*	AG	Satin Silver	AG	Satin Silver		30	3000K	20	20° [<16]	X IC	T Butterfly 0.50" - 1.00"*	L23 Lutron, Hi-Lume 1% 2-Wire*	04 Soft Focus Lens
		TAS	Trimless	*(Suction cup provided for aim and focus)	AU	Cashmere Gold	AU	Cashmere Gold	80S30E 80+ CRI, 30W, Lumens Dlvd. - 3090	35	3500K*	25	25° [<16]	Y NIC	*(Includes adjustable housing height bracket.	*(Not available for 53W packages)	NL No Lens *
					BB	Burnt Bronze	BB	Burnt Bronze	80S36E 80+ CRI, 36W, Lumens Dlvd. - 3671*	40	4000K	40	40° [<19]		REQUIRES CUSTOMER SUPPLIED 1/2" CONDUIT, CHANNEL, OR FURRING CHANNEL FOR MOUNTING)		*(Standard with 10° optic. Not available for Wet Location, or Airtight Housings)
F4S	Square	FAS	Standard Flange		BK	Black	BK	Black	*(Not available for IC housing applications)	*(Not available for 97+ CRI)		60	60° [<19]	C IC, Airtight*		**UNIVERSAL (120-277V)**	
		MAS	Microflange		PR	Primer	PR	Primer	80S53E 80+ CRI, 53W, Lumens Dlvd. - 5043*			85	85°* [>19]	*(CCEA, Airtight & Title 24 compliant housing)		LH1 Lutron, Hi-Lume 1% Ecosystem*	**ALTERNATE MEDIA**
		TAS	Trimless		00	Trimless*	CF	Custom Finish *	*(Not available for IC housing applications)			*(Requires -14 WDL effects device)				*(Not available for 53W packages)	03 Clear Glass Lens*
		FAT	Standard Flange Transitional Baffle			*(Required for trimless)		*(Consult Factory)	90S30E 90+ CRI, 30W, Lumens Dlvd. - 2753					**REMOTE DRIVER**		AN4 Philips Xitanium 1% 0-10V, LOG*	*(Not available for Warm Dim)
		MAT	Microflange Transitional Baffle		CF	Custom Finish *			90S36E 90+ CRI, 36W, Lumens Dlvd. - 3270*					V IC, Remote NIC, Remote		*(Not available for 53W packages)	05 Frosted Glass Lens
		TAT	Trimless Transitional Baffle			*(Consult Factory)			*(Not available for IC housing applications)					W IC, NIC, Remote		LN2 Philips Xitanium 1% 0-10V, LIN*	08 Frosted Soft Focus Lens
									90S53E 90+ CRI, 53W, Lumens Dlvd. - 4493*					D IC, Airtight, Remote*		*(Not available for 53W packages)	14 Wide Distribution Lens*
									*(Not available for IC housing applications)					*(CCEA, Airtight & Title 24 compliant housing)		EA2 eldoLED, SOLOdrive 0.1% 0-10V, LOG	*(Required and only available for 85° beam spread)
									97S30E 97+ CRI, 30W, Lumens Dlvd. - 2472							LA2 eldoLED, SOLOdrive 0.1% 0-10V, LIN	26 Frosted Linear Spread Lens
									97S36E 97+ CRI, 36W, Lumens Dlvd. - 2936*							ED1 eldoLED, SOLOdrive 0.1% DALI, LOG	28 Adjustable Honeycomb Louver and Soft Focus Lens *
									*(Not available for IC housing applications)							LD1 eldoLED, SOLOdrive 0.1% DALI, LIN	*(Not available with 60° optic, Wet location, or Airtight Housings)
									97S53E 97+ CRI, 53W, Lumens Dlvd. - 4034*							AS1 Athena Control ASR eldoLED, SOLOdrive 0.1%*	
									*(Not available for IC housing applications)							*(Includes Athena Node. Extended lead time, consult factory. ASR includes shunt)	
									WARM DIM 8.75" TALL HOUSING	WL	2700K - 1800K	20	20° [<16]			CS1 Casambi Control CSR eldoLED, SOLOdrive 0.1%*	
									90W26B 90+ CRI, 26W, Lumens Dlvd. - 1779 Incandescent Profile			25	25° [<16]			*(Includes Casambi Node. Extended lead time, consult factory. CSR includes shunt)	
									90W42E 90+ CRI, 42W, Lumens Dlvd. - 2813 Incandescent Profile*			40	40° [<16]			**TUNABLE WHITE POWER SUPPLIES (120-277V)**	
									*(Not available for IC housing applications)			60	60° [<16]			DD1 eldoLED, DUALdrive 0.1% DALI-2, LOG	
									*SEE PAGE 3 FOR DETAILED WARM DIM PROFILE			85	85°* [>19]			DG1 eldoLED, DUALdrive 0.1% 0-10V, LOG	
												*(Requires -14 WDL effects device)				DL1 eldoLED, DUALdrive 0.1% 0-10V, LIN	
									TUNABLE WHITE 8.75" TALL HOUSING	TH	5000K - 2700K	15	15° [<19]			AD1 Athena Control ADR eldoLED, DUALdrive 0.1%*	
									90T30B 90+ CRI, 30W	TR	4000K - 1800K	20	20° [<16]			*(Includes Athena Node. Extended lead time, consult factory. ADR includes shunt)	
									Cool Profile: 5000K - 2700K Lumens Dlvd. - 2377			25	25° [<16]			CD1 Casambi Control CDR eldoLED, DUALdrive 0.1%*	
									Warm Profile: 4000K - 1800K Lumens Dlvd. - 2220			40	40° [<19]			*(Includes Casambi Node. Extended lead time, consult factory. CDR includes shunt)	
												60	60° [<19]				
												85	85°* [>19]				
												*(Requires -14 WDL effects device)					

LUMENS DELIVERED AND T24 COMPLIANCE REFLECT 3000K PAIRED WITH 20° OPTIC AND SOFT FOCUS LENS.

SEE PAGE 3 FOR UGR RATINGS

(WH) White Powder Coat	(AG) Satin Silver Powder Coat	(AU) Cashmere Gold Powder Coat

(BB) Burnt Bronze Powder Coat	(BK) Black Powder Coat

PART NUMBER NOTES

- Housing and trim ship as e.g., F4RMAS1-WHWH-90S30E2-3Y1-AN4

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FRAXION4 HIGH FLUX ADJUSTABLE

ACCESSORIES

ROUND ALTERNATE MEDIA
Dry/Damp location only.
Wet location requires alternate baffle.

☐ **CGL-F4R** Clear Glass Lens*
  *(Not available for Warm Dim)
☐ **FGL-F4R** Frosted Glass Lens
☐ **SFL-F4R** Soft Focus Lens
☐ **FSFL-F4R** Frosted Soft Focus Lens
☐ **WDL-F4R** Wide Distribution Lens*
  *(Required and only available for 85° beam spread)
☐ **FLSL-F4R** Frosted Linear Spread Lens

SQUARE ALTERNATE MEDIA
Dry/Damp location only.
Wet location requires alternate baffle.

☐ **CGL-F4S** Clear Glass Lens*
  *(Not available for Warm Dim)
☐ **FGL-F4S** Frosted Glass Lens
☐ **SFL-F4S** Soft Focus Lens
☐ **FSFL-F4S** Frosted Soft Focus Lens
☐ **WDL-F4S** Wide Distribution Lens*
  *(Required and only available for 85° beam spread)
☐ **FLSL-F4S** Frosted Linear Spread Lens

ADJUSTABLE HCL ASSEMBLY
Dry / Damp location only.

☐ **OLR-F4RS1-SFL-HCL** Adjustable Honeycomb
  Louver and Soft Focus Lens*
  *(Not available for 60° optic, or Airtight
  housings)

REPLACEMENT BAFFLE ASSEMBLY (INCLUDES MEDIA)

ASSEMBLY	SHAPE	TRIM	RATING	FLANGE FINISH		MEDIA
RBA -			-		- 1 -	
REPLACEMENT BAFFLE ASSEMBLY	**F4R** Round	**FAS** Standard Flange **MAS** Microflange **TAS** Trimless	**1** Dry / Damp **2** Wet	**WH** White **BK** Black **PR** Primer **AU** Cashmere Gold **AG** Satin Silver **BB** Burnt Bronze **CF** Custom Finish * *(Consult Factory)		Leave blank for standard Soft Focus Lens **CGL** Clear Glass Lens * *(Not available for Warm Dim) **FGL** Frosted Glass Lens **FSFL** Frosted Soft Focus Lens **WDL** Wide Distribution Lens * *(Required and only available for 85°beam spread) **FLSL** Frosted Linear Spread Lens
	F4S Square	**FAS** Standard Flange **MAS** Microflange **TAS** Trimless **FAT** Standard Flange Transitional Baffle **MAT** Microflange Transitional Baffle **TAT** Trimless Transitional Baffle				

REPLACEMENT OPTICS
Interchangeable optics accessible through fixture aperture.

STATIC WHITE
☐ **RO-70-15-S** 15° optic
☐ **RO-70-20-S** 20° optic
☐ **RO-70-25-S** 25° optic
☐ **RO-70-40-S** 40° optic
☐ **RO-70-60-S** 60° optic

WARM DIM
☐ **RO-70-20-W** 20° optic
☐ **RO-70-25-W** 25° optic
☐ **RO-70-40-W** 40° optic
☐ **RO-70-60-W** 60° optic

TUNABLE WHITE
☐ **RO-70-15-T** 15° optic
☐ **RO-70-20-T** 20° optic
☐ **RO-70-25-T** 25° optic
☐ **RO-70-40-T** 40° optic
☐ **RO-70-60-T** 60° optic

REPLACEMENT SUCTION TOOL
One included with every six fixtures designated Wet location.
☐ **F4-TOOL-SUCTION** Allows for removal of baffle with Wet location

BUTTERFLY BRACKET ASSEMBLY
Supplied with ceiling thickness "T" and recommended for installations in T-Grid and
furring channel up to 1.5" tall. Available for ceiling thicknesses from 0.50" - 1.00".
Requires customer supplied 1/2" conduit, channel, or furring channel for mounting.
☐ **DHA-BFLY-KIT**

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-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.

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FRAXION4 HIGH FLUX ADJUSTABLE

JA8-2022 INDICATED BY SHADING

LUMEN PACKAGE	WATTAGE	15° OPTIC SOFT FOCUS LENS		20° OPTIC SOFT FOCUS LENS		25° OPTIC SOFT FOCUS LENS		40° OPTIC SOFT FOCUS LENS		60° OPTIC SOFT FOCUS LENS		85° OPTIC WIDE DISTRIBUTION LENS	
		DLVD.	LPW	DLVD.	LPW	DLVD.	LPW	DLVD.	LPW	DLVD.	LPW	DLVD.	LPW
80S30E	30	2920	97	3090	103	3092	103	2929	98	2759	92	2445	81
80S36E	36	3447	96	3671	102	3647	101	3456	96	3259	91	2880	80
80S53E	53	4726	89	5043	95	4986	94	4749	90	4435	84	3938	74
90S30E	30	2601	87	2753	92	2755	92	2609	87	2458	82	2178	73
90S36E	36	3071	85	3270	91	3249	90	3079	86	2903	81	2566	71
90S53E	53	4210	79	4493	85	4442	84	4231	80	3951	75	3508	66
97S30E	30	2335	78	2472	82	2474	82	2343	78	2207	74	1956	65
97S36E	36	2758	77	2936	82	2917	81	2765	77	2607	72	2304	64
97S53E	53	3780	71	4034	76	3989	75	3799	72	3548	67	3150	59
90W26B	26	1641	63	1779	68	1729	67	1645	63	1578	61	1395	54
90W42E	42	2534	60	2813	67	2700	64	2575	61	2476	59	2196	52
90T30B (40K-18K)	30	2080	69	2220	74	2169	72	2064	69	1972	66	1699	57
90T30B (50K-27K)	30	2227	74	2377	79	2322	77	2210	74	2111	70	1819	61

OUTPUT MULTIPLIER

CCT	CCT SCALE
2700K	0.97
3000K	1.00
3500K	1.03
4000K	1.08

MEDIA LIGHT LOSS FACTOR

MEDIA	LIGHT LOSS FACTOR
NO LENS	1.06
CGL	1.00
SFL	1.00
FGL	0.89
FSFL	0.81
FLSL	0.82

TUNABLE WHITE MULTIPLIER

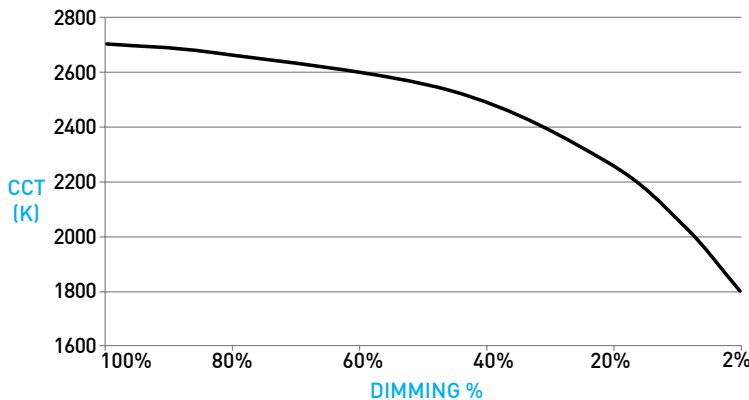| CCT	5000K-2700K	4000K-1800K
5000K	1.16	-
4000K	1.08	1.14
3500K	1.04	1.07
3000K	1.00	1.00
2700K	0.96	0.92
2400K	-	0.84
1800K	-	0.69

UNIFIED GLARE RATING

15° OPTIC SOFT FOCUS LENS	20° OPTIC SOFT FOCUS LENS	25° OPTIC SOFT FOCUS LENS	40° OPTIC SOFT FOCUS LENS	60° OPTIC SOFT FOCUS LENS	85° OPTIC WIDE DISTRIBUTION
<16	<13	<13	<13	<13	>19

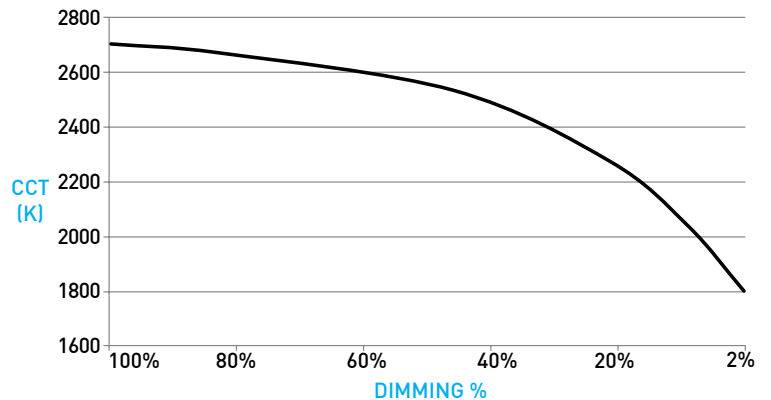## WARM DIM PERFORMANCE - 20° OPTIC - SOFT FOCUS LENS

WARM DIM TO MIRROR INCANDESCENT DIMMING PROFILE

90W26B 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	2620	2520	2180	1950	1800
Light Output (Lm)	1779	1423	1245	889	355	177	35
Power (W)	26	21	18	13	5	3	.5
Efficacy (LPW)	68	68	68	68	68	68	68

WARM DIM TO MIRROR INCANDESCENT DIMMING PROFILE

90W42E 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	2620	2520	2180	1950	1800
Light Output (Lm)	2813	2250	1969	1406	562	281	56
Power (W)	42	33	29	21	8	4	.8
Efficacy (LPW)	67	67	67	67	67	67	67

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FRAXION4 HIGH FLUX ADJUSTABLE

DOWNLIGHT / HOUSING

Ⓐ ADJUSTABILITY
Aiming mechanism is integral to the housing, providing hot-aim tilt up to 40° and 365° rotation. Sliding pivot point optimizes center beam, ensuring unclipped beam of 15° at 40° tilt and 25° at 30° tilt. 1° tilt increments with 5° indicators, tilt guide included (see Ⓐ1 for section view).

Ⓑ LED
Integral LED module design enables field service / replacement through housing aperture.

Ⓒ OPTIC
Robust light engine with optimized optic pairing integrates Reflection, Refraction and TIR offering 15°, 20°, 25°, 40° & 60° beams.

Ⓓ1 STANDARD FLANGE PROFILE
Installed after ceiling is complete. Requires 4.625" diameter cutout. Provides 0.86" total contractor (goof) allowance with 0.50" flange. Thickness measures 0.06". Wet location features integral silicone gasket.

Ⓓ2 MICROFLANGE PROFILE
Installed after ceiling is complete. Requires 4.625" diameter cutout. Provides 0.42" total contractor (goof) allowance with 0.28" flange. Thickness measures 0.06". Wet location features integral silicone gasket.

Ⓓ3 TRIMLESS PROFILE
Installs totally flush with the ceiling with no visible trim. Appliqué includes screws for mounting and has 0.06" plaster stop. Not recommended for stucco applications.

Ⓔ MEDIA
Soft focus lens included and sealed in Wet location option. Fixture is limited to 1 media. Suction tool provided for removal of wet location baffles.

Ⓔ1 ADJUSTABLE HCL ASSEMBLY
Honeycomb Louver and Soft Focus Lens attach directly to optic with clip-on lens retainer and adjusts with fixture. Only compatible with no lens baffle. Dry/Damp locations only.
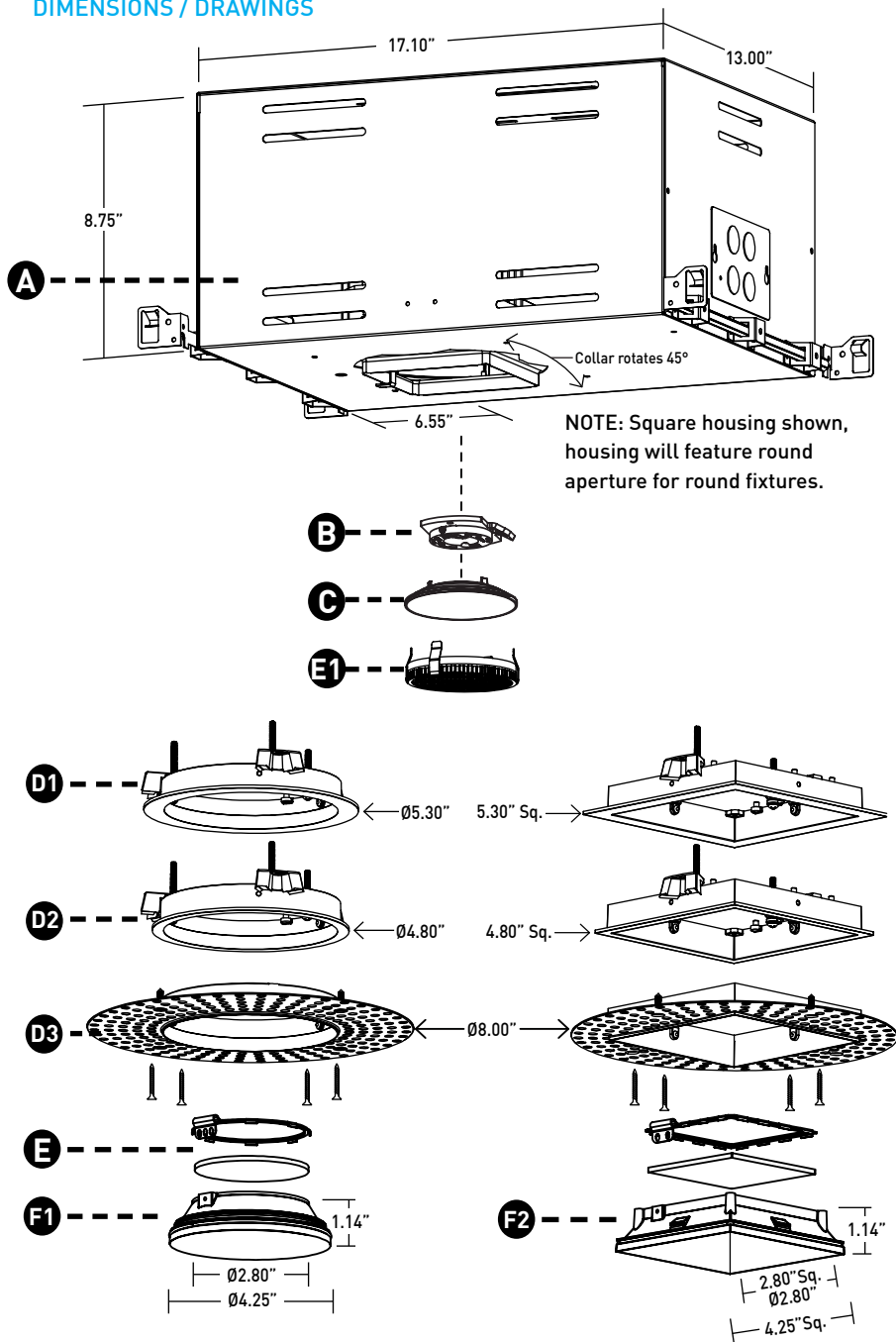
Ⓕ1 ROUND BAFFLE
Die-cast removable baffle provides easy access to tilting mechanism and features 72° glare cutoff. Minimizes aperture glare and conceals view into housing; includes silicone gasket.
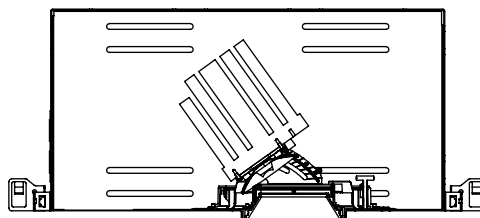
Ⓕ2 SQUARE / TRANSITIONAL BAFFLE
Die-cast removable baffle provides easy access to tilting mechanism and features 72° glare cutoff. Minimizes aperture glare and conceals view into housing; includes silicone gasket. Transitional baffle transitions from square aperture at ceiling plane to round aperture at light source.

DIMENSIONS / DRAWINGS

17.10"
13.00"
8.75"
6.55"
Collar rotates 45°

NOTE: Square housing shown, housing will feature round aperture for round fixtures.

Ⓓ1 — Ø5.30" 5.30" Sq.
Ⓓ2 — Ø4.80" 4.80" Sq.
Ⓓ3 — Ø8.00"
Ⓕ1 — 1.14" Ø2.80" Ø4.25"
Ⓕ2 — 1.14" 2.80" Sq. Ø2.80" 4.25" Sq.

Ⓐ1 SECTION VIEW
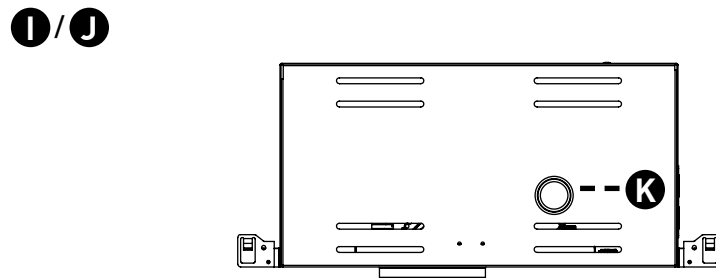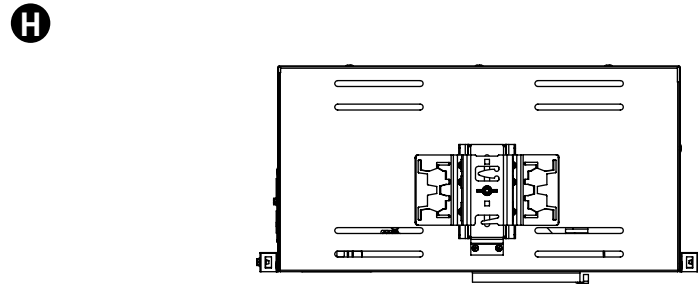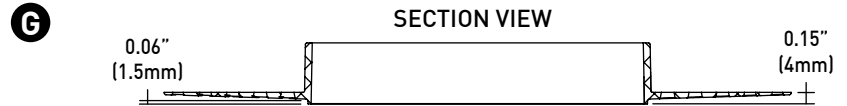
FRAXION4 HIGH FLUX ADJUSTABLE

DOWNLIGHT / HOUSING

G **TRIMLESS APPLIQUÉ DETAIL**
Integrated appliqué for plaster floating directly to baffle.

H **BUTTERFLY BRACKET ASSEMBLY**
Adjustable height bracket assembly provided with ceiling thickness "T" and recommended for installations in T-Grid and with furring channel. Requires customer supplied 1/2" conduit, channel or furring cahnnel for mounting. Allows housing to be raised and lowered; ceiling thickness remains 0.5" to 1.0" max.

I **IC HOUSING**
- For IC ceilings.
- CCEA, Airtight and Title 24 (JA8) listed.
- Accommodates max 3092 delivered lumens.
- No setback from polycell spray foam insulation having max R-Value of 60 on all sides and top of housing.

J **NIC HOUSING**
- 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.

K **ATHENA / CASAMBI CONTROL**
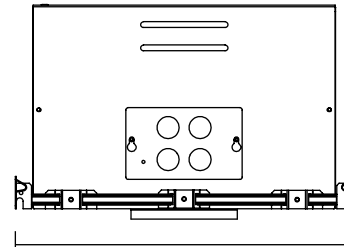Controls integrated into housing assembly. All equipment is serviceable.

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

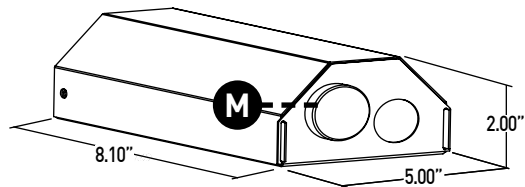Casambi Model Number: BT-S1E1-5400

HOUSING NOTES

- Do not install in environments where ambient temperatures exceed 40°C (104°F) for 26W, 30W, and 36W configurations.
- Do not install in environments where ambient temperatures exceed 35°C (95°F) for 42W and 53W configurations.
- 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 side of 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 FRX-HBE-46 kit.
- Hanger bars and brackets add 4.00" to the overall dimension, but are exclusive of the setback requirements.
- Housings for round trims feature a round aperture housing collar, and for square trims, a square housing collar, accommodating ceiling thicknesses between 0.50" and 1.00".

DIMENSIONS / DRAWINGS

G

SECTION VIEW

0.06"
(1.5mm)

0.15"
(4mm)

H

I / **J**

IC / NIC HAVE SAME DIMENSIONS AND NIC FEATURES VENTS

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FRAXION4 HIGH FLUX ADJUSTABLE

REMOTE POWER SUPPLY

L REMOTE POWER SUPPLY
- Provided with install Types "V", "W" and "D".
- Requires plenum rated Class 2 cable between fixture and remote driver. Cable supplied by others.
- See page 7 for maximum allowable wiring distance.
- Must be installed in an accessible location
- Do not install in environments where ambient temperatures exceed 40°C (104°F).

M ATHENA / CASAMBI CONTROL
Controls integrated into remote driver assembly. All equipment is serviceable.
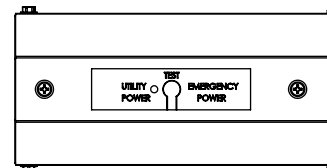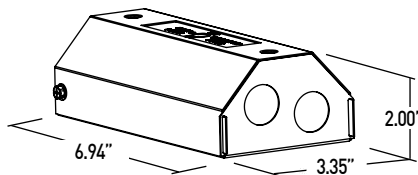
Athena Model Numbers: A-WN-D01-RF-BL & DFC-OEM-DBI

Casambi Model Number: BT-S1E1-5400

N ATHENA / CASAMBI EM SHUNT
Inlcuded with drivers specified as ASR, ATR, CSR, or CTR. 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

L

8.10" 5.00" 2.00"

N

ATHENA / CASAMBI
EM SHUNT

6.94" 3.35" 2.00"

UTILITY POWER — TEST — EMERGENCY POWER

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FRAXION4 HIGH FLUX ADJUSTABLE

TECHNICAL

CONSTRUCTION
<u>Downlight</u>: Painted finishes are granulated powder coat.
<u>Housing</u>: Aluminum and 22 Gauge galvanized steel. Extruded aluminum housing panel to act as heat-sink.
<u>Remote Power Supply</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. 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. 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 ranges of 1800K to 4000K and 2700K to 5000K. Average rated lamp life of 50,000 hours. LED and driver assemblies are field-replaceable.

POWER SUPPLY PERFORMANCE AND DIMMING INFORMATION

Power Supply	ECO			0-10V				DALI-2		ATHENA	CASAMBI
	L23	LH1	LP1	AN4	LN2	EA2	LA2	ED1	LD1	AS	CS
Minimum °C	0 °C	0 °C	0 °C	-20 °C	-20 °C	-20 °C	-20 °C	-20 °C	-20 °C	0 °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 %	1.0%	1.0%	0.1%	1.0%	1.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%

Note: For L23, LH1, AN4, 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

DRIVER	WIRE AWG				
	12	14	16	18	20
AN4, LN2	285´	180´	113´	71´	45´
L23, LH1	60´	40´	25´	15´	-
EA2, LA2, ED1, LD1, AS, CS	-	-	118´	72´	46´

LISTING
cTUVus listed to UL1598 standard for Dry / Damp and Wet locations.
CCEA, Airtight and Title 24 JA8-2022 Listed.
NEMA 410 Compliant.
U.S. Patent: 10,317,066

BUY AMERICAN ACT
All Fraxion4 High Flux Adjustable configurations are Buy American Act compliant.

WEIGHT
Fixture - 15lbs max
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.
Consult website for full warranty terms and conditions.

CHANGE LOG
1. 08/08/2023: UPDATED WITH NEW LED AND OPTIC SYSTEM.
2. 02/08/2024: ADDED ATHENA AND CASAMBI CONTROL OFFERING, 2400K, AND WARM PROFILE TUNABLE WHITE.

LUCIFER® LIGHTING COMPANY

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

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[FAX] +1-210-227-4967

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DIMMING COMPATIBILITY

PHILIPS DRIVER COMPATIBILITY

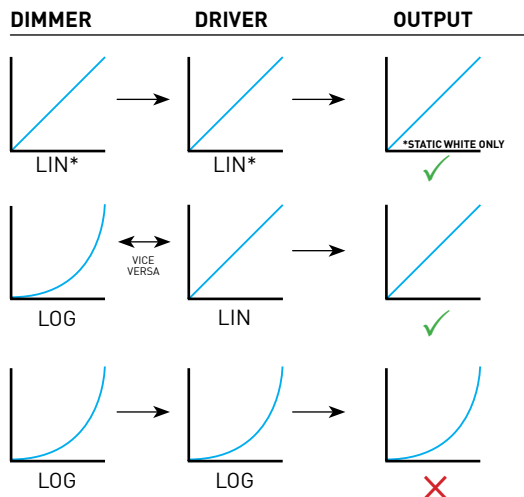| Power supply **AN4** Manufacturer	Family/Model #
Lutron Electronics	DVTV plus PP-DV
Lutron Electronics	DVSCTV plus PP-DV
Lutron Electronics	DVSTV
Lutron Electronics	DVSCSTV
Lutron Electronics	QSGRJ-XP plus GRX-TVI
Lutron Electronics	QSGRJ-XE plus GRX-TVI
Lutron Electronics	QSGR-XE plus GRX-TVI
Lutron Electronics	NFTV plus PP-DV
Lutron Electronics	NTSTV
Lutron Electronics	RMJ-5T
Lutron Electronics	RMJS-8T
Lutron Electronics	FCJS-010
Leviton	IllumaTch IP7 series
Philips	Sunrise - SR1200ZTUNV

LUTRON DRIVER COMPATIBILITY

Power supply **L23** Lutron Product Family	Part No.
Maestro WirelessR 600 W dimmer	MRF2-6ND-120-
Maestro WirelessR 1000 W dimmer	MRF2-10ND-120-
Caséta® Wireless Pro 1000 W dimmer	PD-10NXD-
GRAFIK T™ CL® dimmer	GT-250M- GTJ-250M-
HomeWorks® QS adaptive dimmer	HQRD-6NA-
HomeWorks® QS 600 W dimmer	HQRD-6ND-
HomeWorks® QS 1000 W dimmer	HQRD-10ND-
RadioRA® 2 adaptive dimmer	RRD-6NA-
RadioRA® 2 1000 W dimmer	RRD-10ND
myRoom™ DIN power module	MQSE-4A1-D
HomeWorks® QS DIN power module	LQSE-4A1-D
HomeWorks® QS wallbox power module	HQRJ-WPM-6D-120
HomeWorks® wallbox power module	HWI-WPM-6D-120
GRAFIK Eye® QS control unit	QSGR-, QSGRJ-
GRAFIK Eye® 3000 control unit	GRX-3100- GRX-3500-
RPM-4U module (LCP, HomeWorks® QS, GRAFIK Systems™, Quantum®)	HW-RPM-4U-120 LP-RPM-4U-120
RPM-4A module (LCP, HomeWorks® QS, GRAFIK Systems™, Quantum®)	HW-RPM-4A-120, LP-RPM-4A-120
GP dimming panels	Various
Ariadni CL 250W dimmer	AYCL-253P-
Diva CL 250W dimmer	DVCL-253P- DCSCCL-253P-
Nova T CL 250W dimmer	NTCL-250-

Power supply **LH1** Lutron Product Family	Part No.
PowPak Dimming Modules	RMJ-ECO32-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	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 myRoom Plus power module	LQSE-2ECO-D

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ADVANTAGE
ACCOUNT

eldoLED DRIVER COMPATIBILITY

Power supply **EA2** 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-AO8
Crestron®	DIN-4DIMFLV4
Crestron®	CLS-EXP-DIMFLV
Crestron®	CLCI-1DIMFLV2EX

Power supply **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

DIMMER → DRIVER → OUTPUT

LIN* → LIN* → *STATIC WHITE ONLY ✓

LOG ↔ VICE VERSA → LIN → ✓

LOG → LOG → ✗

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

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