# FRAXION®3 SLIM

# **DEEP REGRESS**

- Max output of 1548lm at 80+ CRI
- Deep regress baffle options in round and square featuring UGR as low as 1
- Integral drivers for tunable white with our 2 ranges, 1800K to 4000K and 2700K to 5000K
- Now available for remodel and concrete pour applications. See separate spec sheet

PROJECT NAME:	TYPE:





## **ORDERING INFORMATION - FIXTURE**

JA8-2022 INDICATED BY SHADING

SHAPE	RATING	TYPE	FINISH	BAFFLE FINISH	CRI	WATTAGE	ССТ	OPTIC (UGR)	MEDIA	INSTALL TYPE	CEILING THICKNESS	DRIVER
				TIMOTI						1112	THICKNESS	
F3RD Round Deep Regress F3SD Square Deep Regress F3TD Square Transitional Deep Regress	1 IP20 Dry/Damp 2 IP64 Wet* * (Suction cup provided for aim and focus)  (WH) White wder Coat	Architectu	BK Black PR Primer CF Custom Finish * *(Consult Factory) TRIMLESS TG Trimless Gypsum 1/16* TM Trimless Millwork  B) aral Bronze S	Bronze  AG Satin Silver  AU Cashmere Gold  BB Burnt Bronze  BK Black  PR Primer  CF Custom Finish*  *(Consult Factory)  [AG] atin Silver  wwder Coat	STATIC WHITE 80S 80+ 90S 90+ 95S 95+ WARM DIM 90W 90+ TUNABLE WHITE 90T 90+	STATIC WHITE  06D 06W - 524 Lm  09H 09W - 363 Lm*  *[Foruse with 10* optic only]  11D 11W - 842 Lm  15D 15W - 1138 Lm  19D 19W - 1537 Lm  WARM DIM  11D 90+ CRI, 11 Watts  16D 90+ CRI, 16 Watts	24 2400K* *(90+CR111D, 15D, and 09H only) 27 2700K 30 3000K 35 3500K 40 4000K  WD 2900K (11D) 3000K (16D) -1800K  TR 4000K - 1800K  TH 5000K - 2700K	10 10°* [<10]* (15) package only) 15 15° [<13] 25 25° [<13] 35 35° [<16] 50 50° [<19] 80 80°* [<19] 80 80°* [<19] 80 80°* [<19] 81 80 80°* [<19] 82 25° [<13] 83 35° [<16] 80 80°* [<19] 80 80°* [<19] 80 80°* [<19] 81 [<16] 82 25° [<13] 83 35° [<16] 80 80°* [<19] 80 80°* [<19] 80 80°* [<19] 81 [<16] 82 25° [<13] 83 35° [<16] 80 80°* [<19] 80 80°* [<19] 81 [<16] 82 25° [<13] 83 35° [<16] 80°* [<19] 80 80°* [<19] 80 80°* [<19] 80 80°* [<19] 81 [<16] 82 25° [<18] 83 35° [<16] 84 25° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<18] 85° [<1	04 Soft Focus Lens*  * (Required for 10* Optic)  ALTERNATE MEDIA 01 Honeycomb Louver*  * (Not available for IP44 Wet Location, Adjustable Fixtures, or Warm Dim) 02 Clear Glass Lens*  * (Not available for Warm Dim) 03 Frosted Glass Lens 05 Frosted Soft Focus Lens 06 Frosted Linear Spread Lens 07 Wide Distribution Lens*  * (Required and only available for 80° optic) HS Adjustable Honeycomb Louver and	INTEGRAL DRIVER IC IC NC NIC AT IC, Airtight CP CCEA Chicago Plenum REMOTE DRIVER IR IC, Remote NR NIC, Remote AR IC, Airtight, Remote CR CCEA Chicago Plenum, Remote	1 0.50" -1.375" 2 1.375"-2.125" * [Adjustable only available for 10° and 15° optic] T 0.50" -1.375" * [Includes adjustable housing height bracket, recommended for T-Grid applications] G 1.375" -2.125" * [Adjustable only available for 10° and 15° optic. Includes adjustable housing height bracket, recommended for T-Grid applications]	INTEGRAL / REMOTE PH1 Forward / Reverse Phase, 2%, 120V SG3 eldoLED, ECOdrive 1%, 0-10V, LOG, 120V-277V SN3 eldoLED, ECOdrive 11%, 0-10V, LIN, 120V-277V EG1 eldoLED, SOLOdrive 0.1% 0-10V, LIN, 120V-277V EN1 eldoLED, SOLOdrive 0.1% 0-10V, LIN, 120V-277V ED1 eldoLED, SOLOdrive 0.1% 0-10V, LIN, 120V-277V LP1 Lutron, Hi-Lume Premier Ecosystem 0.1% Fade to Black, 120V or 277V* *(Not available for 21W packages in IC, AT, and CP install types) AS1 / Athena Control eldoLED, SOLOdrive 0.1%, 120V-277V* *(Inctudes Athena Node. Extended lead time, consult factory. ASR includes EM Shunt) CS1 / Casambi Control CSR eldoLED, SOLOdrive 0.1%, 120V-277V* *(Inctudes Casambi Node. Extended lead time, consult factory. CSR includes EM Shunt) TUNABLE WHITE INTEGRAL (120-277V) MG1 0.1% 0-10V, LOG MN1 0.1% Consult factory. AMR includes EM Shunt) CM1/ Casambi Control 0.1% CMR* *(Includes Casambi Node. Extended lead time, consult factory. AMR includes EM Shunt) CM1/ Casambi Control 0.1% CMR*
	(AU) hmere Gold wder Coat	Burnt	BB) Bronze er Coat Po	(BK) Black owder Coat		LUMEN DELIVERED OUTPUTS REFLECT 80+ CRI / 3000K PAIRED WITH 25° OPTIC AND SOFT FOCUS LENS						includes EM Shunt) SEE PAGE 6 FOR ELDOLED TUNABLE WHITE DRIVER OPTIONS





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

#### **ACCESSORIES**

#### **ROUND / SQUARE TRANSITIONAL ALTERNATE MEDIA**

IP20 Dry / Damp location only.

IP64 Wet location requires alternate baffle.

□ CGL-F3RD Clear Glass Lens\*

\* (Not available for Warm Dim)

□ FGL-F3RD Frosted Glass Lens □ SFL-F3RD Soft Focus Lens ☐ FSFL-F3RD Frosted Soft Focus Lens ☐ WDL-F3RD Wide Distribution Lens\*

\* (Required and only available for 80° beam spread)

☐ FLSL-F3RD Frosted Linear Spread Lens

#### **SQUARE ALTERNATE MEDIA**

IP20 Dry / Damp location only.

IP64 Wet location requires alternate baffle.

☐ CGL-F3SD Clear Glass Lens\*

\* (Not available for Warm Dim)

☐ FGL-F3SD Frosted Glass Lens ☐ SFL-F3SD Soft Focus Lens ☐ FSFL-F3SD Frosted Soft Focus Lens ☐ WDL-F3SD Wide Distribution Lens\*

\* (Required and only available for 80° beam spread)

☐ FLSL-F3SD Frosted Linear Spread Lens

#### ADJUSTABLE HCL ASSEMBLY

Dry / Damp location only.

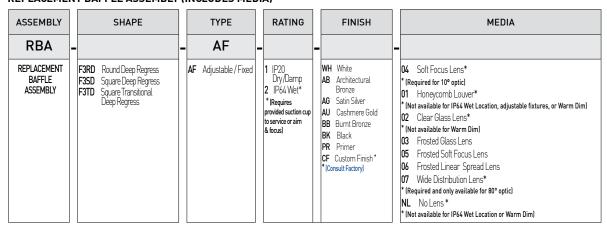
#### □ OLR-E3RD1-SEL-HCL

Adjustable Honeycomb Louver

and Soft Focus Lens\*

\* (Not available for IP64 Wet Location, 19W, Fixed Fixtures, or

## REPLACEMENT BAFFLE ASSEMBLY (INCLUDES MEDIA)



#### **DEEP REGRESS REPLACEMENT OPTICS**

Interchangeable optics accessible through fixture aperture.

#### STATIC WHITE **WARM DIM TUNABLE WHITE**

☐ R0-35-15-S	15° optic	☐ R0-35-25-W	25° optic	□ R0-35-15-T	15° ontic
□ R0-35-25-S		☐ R0-35-35-W	35° optic	□ R0-35-25-T	
☐ R0-35-35-S		☐ R0-35-50-W	50° optic	□ R0-35-35-T	
☐ R0-35-50-S	50° optic			□ R0-35-50-T	

## T-GRID ACCESSORY KIT

Supplied with ceiling thickness "T" and recommended for installations in T-Grid up to 1.5" tall. Available for ceiling thicknesses from 0.50" - 2.125".

□ DHA-TG-KIT

#### **FURRING CHANNEL ACCESSORY KIT**

Recommended for installations in furring channel. Available for ceiling thicknesses from 0.50" - 2.125".

□ DHA-FC-KIT

#### HANGER BAR EXTENDER KIT

Extends hanger bars from 24.0" to 46.0" maximum.

☐ FRX-HBE-46 Extender, Hanger Bar

## REPLACEMENT APPLIQUÉ

□ DLA-APP-F3RT Round □ DLA-APP-F3ST Square

#### REPLACEMENT SUCTION TOOL

One included with every six fixtures designated Wet location.

☐ F3D-T00L-SUCTION Allows for removal of baffle with Wet location

## **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

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







## PERFORMANCE - 3000K

LUMEN	WATT-	10° C	PTIC DUCER KIT	15° C SOFT FOO	PTIC CUS LENS	25° C SOFT FOO	PTIC CUS LENS	35° C SOFT FOO		50° C SOFT FOO	PTIC CUS LENS	80° C SOFT FOO	
PACKAGE	AGE	DLVD	LPW	DLVD	LPW	DLVD	LPW	DLVD	LPW	DLVD	LPW	DLVD	LPW
80S06D	06	-	-	527	88	524	87	477	80	500	83	430	72
80S09H	09	363	33	-	-	-	-	-	-	-	-	-	-
80S11D	11	-	-	848	77	842	77	768	70	805	73	692	63
80S15D	15	-	-	1129	75	1138	76	1038	69	1087	72	935	62
80S19D	19	-	ı	1548	74	1537	73	1401	67	1468	70	1263	60
90S06D	06	-	-	446	74	443	74	404	67	423	71	364	61
90S09H	09	312	35	-	-	-	-	-	-	-	-	-	-
90S11D	11	-	1	718	65	713	65	650	59	681	62	585	53
90S15D	15	-	•	970	65	963	64	878	59	920	61	791	63
90S19D	19	-	-	1310	62	1300	62	1185	56	1242	59	1068	51
95S06D	06	-	-	396	66	393	66	358	60	375	63	323	54
95S09H	09	269	18	-	-	-	-	-	-	-	-	-	-
95S11D	11	-	-	637	58	632	57	576	52	604	55	519	47
95S15D	15	-	-	861	57	854	57	779	52	816	54	702	47
95S19D	19	-	1	1162	55	1153	55	1052	50	1102	52	948	45
90W11D (26K-18K)	11	-	-	-	-	489	44	446	41	467	42	402	37
90W11D (29K-18K)	11	-	-	-	-	495	45	451	41	473	43	407	37
90W16D (27K-18K)	16	-	1	-	-	684	43	623	39	653	41	562	35
90W16D (30K-18K)	16	-	-	-	-	693	43	632	40	662	41	570	36
90T10D (50K-27K)	10	-	-	662	66	657	66	586	59	623	62	674	67
90T10D (40K-18K)	10	-	-	752	75	746	75	667	67	708	71	766	77

#### MAX UNIFIED GLARE RATING

10° OPTIC FIELD REDUCER KIT	15° OPTIC SOFT FOCUS LENS	20° OPTIC SOFT FOCUS LENS	35° OPTIC SOFT FOCUS LENS	50° OPTIC SOFT FOCUS LENS	80° OPTIC WIDE DISTRIBUTION
<10	<13	<13	<16	<19	>19

\*UGR VALUES REFLECT WHITE BAFFLE AND 19 WATTS, LOWER UGR VALUES AVAILABLE WITH DIFFERENT FINISHES AND LOWER WATTAGES.

UUTFUTM	ULTIFLIER					
ССТ	CCT SCALE					
2400K	0.85					
2700K	0.97					
3000K	1.00					
3500K	1.03					
4000K	1.08					

## TUNABLE WHITE MULTIPLIER

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

#### MEDIA LIGHT LOSS FACTOR

MEDIA LIGHT L	1125111210111200011101011							
MEDIA	LIGHT LOSS FACTOR							
NO LENS	1.06							
CGL	1.00							
SFL	1.00							
FGL	0.89							
FSFL	0.81							
FLSL	0.82							

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## V

## WARM DIM PERFORMANCE - 25° OPTIC - SOFT FOCUS LENS

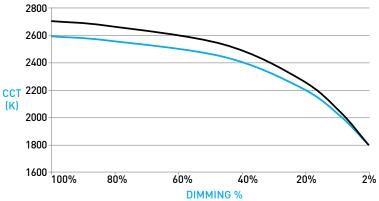
#### INCANDESCENT PROFILE

90W11DWL 2600K - 1800K	Full on 100%	Dimmed to 80%	Dimmed to 70%	Dimmed to 50%	Dimmed to 20%	Dimmed to 10%	Dimmed to 2%
CCT (K)	2600 2550		2520	2520 2450		1925	1800
Light Output (Lm)	489	391	342	244	97	48	9.7
Power (W)	11	8.8	7.7	5.5	2.2	1.1	0.22
Efficacy (LPW)	44	44	44	44	44	44	44
90W11DWL 2700K - 1800K				Dimmed to 50%	Dimmed to 20%	Dimmed to 10%	Dimmed to 2%
2700K - 1800K	100%	to 80%	to 70%	to 50%	to 20%	to 10%	to 2%
2700K - 1800K CCT (K)	100% 2700	to 80% 2650	to 70% 2620	to 50% 2520	to 20% 2180	to 10% 1950	to 2%

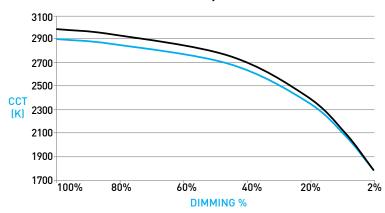
#### HALOGEN PROFILE

90W11DWD 2900K - 1800K	Full on 100%	Dimmed to 80%	Dimmed to 70%	Dimmed to 50%	Dimmed to 20%	Dimmed to 10%	Dimmed to 2%
CCT (K)	2900	2850	2800	2720	2350	1975	1800
Light Output (Lm)	495	396	346	247	99	49	9.9
Power (W)	11	8.8	8.8 7.7 5.5 2.2		2.2	1.1	0.22
Efficacy (LPW)	45	45	45 45 45		45	45	45
90W16DWD 3000K - 1800K	Full on 100%	Dimmed to 80%			Dimmed to 20%	Dimmed to 10%	Dimmed to 2%
CCT (K)	3000	2950	2920	2775	2375	2000	1800
Light Output (Lm)	693	3 554 485 346		346	138	69	13
Power (W)	16	12.8	11.2	8.0	3.2	1.6	0.32
Efficacy (LPW)	43	43	43	43	43	43	43





## 11W / 16W



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

#### **FIXTURE**

#### ♠ FIXTURE

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 wallwash, 10°, 15°, 25°, 35°, & 50° beams.

#### 10° FIELD REDUCER

Provided with 10° optic. Pairs Soft Focus Lens, Field Reducer, and Honeycomb Louver to deliver tight 10° beam while reducing field angle by 30%.

#### 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. Specified as "HS" Effects Device

#### ♠ TRIM EXTENSION

Provided for -2 ceiling thickness; accommodates 2.125" max ceiling thickness.

#### MICROFLANGE PROFILE

Provides industry standard 0.43" total contractor (goof) allowance with 0.27" flange. Thickness measures 1/16". IP64 Wet location features integral silicone gasket.

#### G TRIMLESS GYPSUM PROFILE

Installs totally flush with the ceiling with no visible trim. Features integrated appliqué for plaster floating directly to the baffle. Not recommended for stucco applications.

#### EFFECTS DEVICES / LENS RETAINER

Fixture is limited to 1 effects device installed on the baffle, see Section D for Adjustable HCL assembly. Wet location effects device is sealed in place on baffle, suction tool provided for removal of baffle. Lens retainer allows effects devices to be changed in Dry /Damp locations.

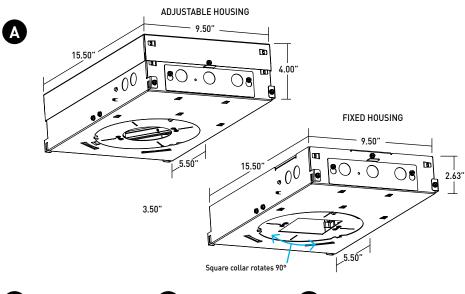
#### ROUND / SQUARE BAFFLE

Die-cast removable baffle provides easy access to adjustment mechanisms for tilt and rotation. Features 60° glare cutoff, minimizing aperture glare and concealing view into housing. Includes gasket, mitigating light leak.

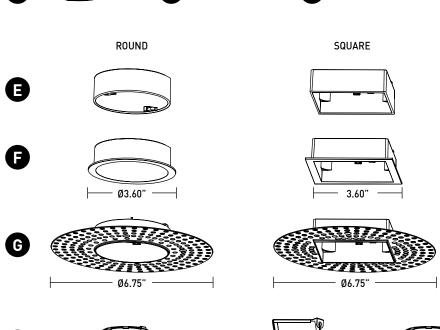
## SQUARE TRANSITIONAL BAFFLE

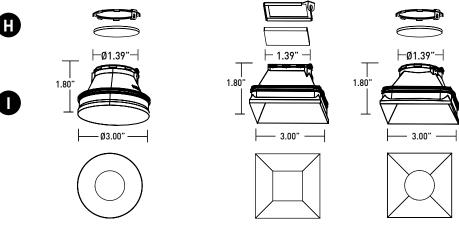
Transitions from square aperture at ceiling to round aperture at light source. Die-cast removable baffle provides easy access to adjustment mechanisms for tilt and rotation. Features 60° glare cutoff, minimizing aperture glare and concealing view into housing. Includes gasket, mitigating light leak.

## **DIMENSIONS / DRAWINGS**











#### **FIXTURE**

#### IC HOUSING

- For IC ceilings.
- No setback from polycell spray foam insulation having max R-Value of 60 on all sides and top of housing.

#### **NIC HOUSING**

- Minimum 0.50" setback from combustible and non-combustible materials on all sides and top of
- 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.
- ADJUSTABLE HANGER BAR HEIGHT ACCESSORY Provided with ceiling thickness "T" and recommended for installations in T-Grid up to 1.5" tall. Hanger bars are installed to adjustable bracket. Allows housing to be raised and lowered; ceiling thickness remains 0.5" to 2.125" max.

#### **ADJUSTABILITY**

Aiming mechanism is integral to the housing, providing hot-aim tilt up to 40° with Philips screwdriver and 365° rotation with tooless locking tab. Sliding pivot point optimizes center beam, ensuring unclipped beam of 15° at 40° tilt and 25° at 30° tilt. Infinite tilt increments with 1° indicators, tilt guide included.

- TRIMLESS MILLWORK PROFILE / SPACERS No visible flange, installs totally flush with millwork.
- Includes (1) 1/16" spacer and (5) 1/8" spacers. APPLIQUÉ DETAIL

#### Appliqué for plaster floating directly to baffle. Provided with 1/16" plaster stop.

#### REMOTE POWER SUPPLY

Provided with install Types "IR", "NR", "AR", and "CR". Remote power supply provides additional driver options. See page 7 for maximum allowable secondary run lengths between remote driver and fixture. Must be installed in an accessible location.

### REMOTE ELDOLED TUNABLE WHITE DRIVERS

#### TUNABLE WHITE REMOTE (120-277V)

DG1 eldoLED, DUALdrive 0.1% 0-10V, LOG

DN1 eldoLED, DUALdrive 0.1% 0-10V, LIN

DD2 eldoLED, DUALdrive 0.1% DALI-2, LOG

AD1/ADR Athena Control eldoLED, DUALdrive, 0.1%\*

\* (Includes Athena Node. Extended lead time, consult factory. ADR includes EM Shunt)

CD1/CDR Casambi Control eldoLED, DUALdrive, 0.1%\*

\* (Includes Casambi Node. Extended lead time, consult factory. CDR includes EM Shunt)

#### ATHENA / CASAMBI CONTROL

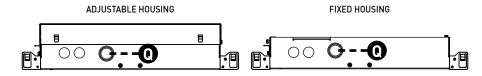
Controls integrated into housing or remote driver assembly. All equipment is serviceable.

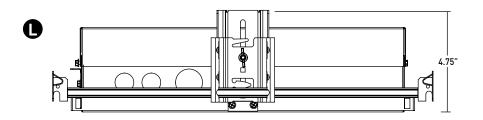
#### ATHENA / CASAMBI EM SHUNT

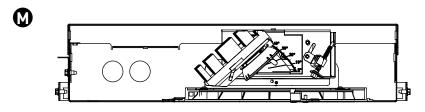
Included with drivers specified as ASR, ADR, CSR, or CDR. One required for each wireless EM fixture, requires class 2 control wiring between fixture and shunt. Features integrated test switch.

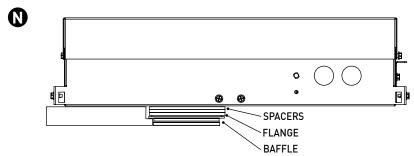
Model Number: PS-RMT-SHUNT

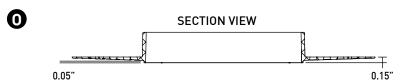


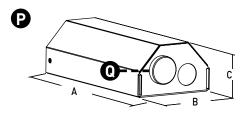




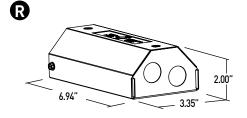




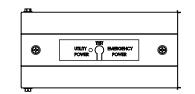




	Α	В	С
STATIC WHITE /	6.94"	3 35"	2.00"
WARM DIM	0.74	0.00	2.00
TUNABLE WHITE	8.10"	5.00"	2.00"
ATHENA / CASAMBI	8 10"	5 00"	2 00"
CONTROLLED	0.10	5.00	2.00



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#### **TECHNICAL**

#### CONSTRUCTION

Downlight: Painted finishes are granulated powder coat.

Housing: Aluminum and 22 Gauge galvanized steel. Die-cast aluminum

heat-sink.

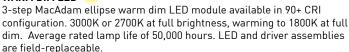
Remote Power Supply: 22 Gauge galvanized steel.

Appliqué: Zinc alloy.

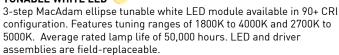
## STATIC WHITE LED

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 temperature of 2400K. Average rated lamp life of 50,000 hours. LED and driver assemblies are field-replaceable.

#### WARM DIM LED



#### TUNABLE WHITE LED



#### POWER SUPPLY PERFORMANCE AND DIMMING INFORMATION

	PHASE		0-10V						EC0		DALI-2		ATHENA			CASAMBI			
Power Supply	PH1	SG3	SN3	EG1	EN1	DG1	DN1	MG1	MN1	LP1	ED1	DD2	MD2	AS1	AD1	AM1	CS1	CD1	CM1
Minimum °C	-20 °C	-20 °C	-20°C	-20 °C	-20 °C	-20 °C	-20 °C	-40°C	-40 °C	0°C	-20 °C	-20°C	-40°C	0°C	0°C	-40 °C	- 20°C	- 20°C	-40 °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	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%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%

Note: For PH1, LP1, EG1 and EN1 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
PH1	285'	180'	113'	71'	45'
LP1	60'	40'	25'	15'	-
EG1, EN1, ED1, DG1, DN1, DD2, AS1, AD1, CS1, CD1	-	-	118'	72	46'

#### LISTING

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

#### **BUY AMERICAN ACT**

All Fraxion3 Slim configurations are Buy American Act compliant.

#### DECLARE

LBC Red List Approved.

#### WEIGHT

Fixture - 7.5 lbs max Remote Driver - 1.4 lbs

#### **HOUSING NOTES**

- Do not install housings 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 side of housing or long side when TG accessory is specified; 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" max to the overall dimension, but are exclusive of the setback requirements.
- Housings for round trims feature a round aperture housing collar. Housings for square trims feature a square housing collar that rotates up to 90 degrees for fixture alignment. Housing collars accommodate ceiling thicknesses between 0.50" and 2.125".

#### 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.





## **DIMMING COMPATIBILITY**

#### PHILIPS DRIVER COMPATIBILITY

Power supply PH1 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

#### **LUTRON DRIVER COMPATIBILITY**

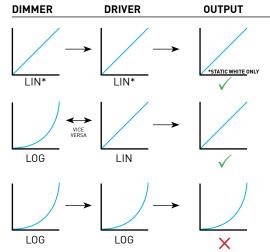
Power supply LP1 Lutron Product Family	Part No.		
PowPak Dimming Modules	RMJ-EC032-DV-B		
PowPak Dimming Modules	FCJ/FCJS-ECO		
Energi Savr Nodes	QSN-1ECO-S		
GRAFIK Eye QS control unit Homeworks QS control unit	QSN-2ECO-S		
GRAFIK Eye QS control unit Homeworks QS control unit	QSGRJE (wireless) QSGRE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



#### eldoLED DRIVER COMPATIBILITY

Power supply EG1 / SG3 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 EN1 / SN3 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**



LIN = LINEAR LOG = LOGARITHMIC

\*LIN-TO-LIN NOT COMPATIBLE FOR WARM-DIM

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

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