



FRAXION®4 REMODEL SHALLOW REGRESS

- Max output of 3059lm at 80+ CRI
- Baffle options in round and square featuring UGR as low as 11
- Remodel drivers for tunable white with our 2 ranges, 1800K to 4000K and 2700K to 5000K
- Concrete Pour applications now available

PROJECT NAME:	TYPE:
	

ORDERING INFORMATION - FIXTURE

SHAPE	RATING	TYPE	FINISH	BAFFLE FINISH	CRI	WATTAGE	CCT	OPTIC (UGR)	MEDIA	INSTALL TYPE	CEILING THICKNESS	DRIVER
F4RS Round Shallow Regress	1 IP20 Dry/Damp	A Adjust-able	POWDERCOAT MICROFLANGE	POWDERCOAT	STATIC WHITE	STATIC WHITE	24 2400K* * (90+ CRI 11A, 15A, and 15C only)	10 10** (<10) * (15C packages only)	STANDARD MEDIA	REMODEL	1 0.25"-1.50"	REMDEL
F4SS Square Shallow Regress	2 IP64 Wet* (Suction cup provided for aim and focus)	F Fixed	WH White	WH White	80S 80+	11A 11W - 1351 Lm	27 2700K	15 15° (<16)	04 Soft Focus Lens*	RM Remodel		PH1 Forward / Reverse Phase, 2%, 120V
F4TS Square Transitional Shallow Regress*		W Wall-wash* * (Not available for natural wood baffles)	AB Architectural Bronze	AB Architectural Bronze	90S 90+	15A 15W - 1681 Lm	30 3000K	20 20° (<13)	* (Required for 10° Optic)	RR Remote Driver Remodel		SG3 eldoLED, ECOdrive 1%, 0-10V, LOG, 120V-277V
			AG Satin Silver	AG Satin Silver	97S 97+	15C 15W - 638 Lm* * (For use with 10° optic only)	35 3500K	25 25° (<13)	WW Wall Wash Lens*	CONCRETE POUR		SN3 eldoLED, ECOdrive 1%, 0-10V, LIN, 120V-277V
			AU Cashmere Gold	AU Cashmere Gold		21A 21W - 2271 Lm	40 4000K	40 40° (<13)	* (Required for Wallwash)	KC Integral Driver*		EG1 eldoLED, SOLOdrive 0.1% 0-10V, LOG, 120V-277V
			BB Burnt Bronze	BB Burnt Bronze		30B 30W - 3059 Lm		60 60° (<13)	ALTERNATE MEDIA	KR Remote Driver		EN1 eldoLED, SOLOdrive 0.1% 0-10V, LIN, 120V-277V
			BK Black	BK Black				85 85** (>19)	01 Honeycomb Louver*			ED1 eldoLED, SOLOdrive 0.1% DALI-2, LOG, 120V-277V
			PR Primer	PR Primer				* (Requires -07 WDL effects device)	* (Not available for IP64 Wet Location, or Adjustable Fixtures)			LP1 Lutron, Hi-Lume Premier Ecosystem 0.1% Fade to Black, 120V or 277V
			CF Custom Finish* * (Consult Factory)	CF Custom Finish* * (Consult Factory)				WW Wallwash*	02 Clear Glass Lens			
			TRIMLESS	NATURAL WOOD	90L 90+	15A 90+ CRI, 15 Watts		20 20° (<10)	03 Frosted Glass Lens			
			TG Trimless Gypsum 1/16"* * (Not available for concrete pour installations)	WO Customer Supplied Dried Hardwood* * (Not available for IP64 wet locations)		22A 90+ CRI, 22 Watts	WL 2700K - 1800K	25 25° (<10)	05 Frosted Soft Focus Lens			
			TM Trimless Millwork* * (Not available for concrete pour installations)	W1 Lucifer Lighting Walnut* * (Not available for IP64 wet locations)		30A 90+ CRI, 30 Watts Incandescent Profile 15A - 1166 Lm 22A - 1511 Lm 30A - 1733 Lm	WD 3000K - 1800K	40 40° (<10)	06 Frosted Linear Spread Lens			
				W2 Lucifer Lighting Maple* * (Not available for IP64 wet locations)		Halogen Profile 15A - 1233 Lm 22A - 1647 Lm 30A - 1908 Lm		60 60° (<13)	07 Wide Distribution Lens*			
						SEE PAGE 4 FOR DETAILED WARM DIM PROFILE COMPARISON.		85 85** (>19)	HS Adjustable Honeycomb Louver and Soft Focus Lens*			
					TUNABLE WHITE	TUNABLE WHITE	TR 4000K - 1800K	15 15° (<16)	* (Required and only available for 85° optic)			
					90T 90+	15B 15W Warm Profile: 4000K - 1800K 1247 Lm Cool Profile: 5000K - 2700K 1236 Lm 22B 22W Warm Profile: 4000K - 1800K 1710 Lm Cool Profile: 5000K - 2700K 1695 Lm	TH 5000K - 2700K	20 20° (<10)	* (Not available for IP64 Wet Location, 21W or 22W, or Fixed Fixtures)			
								25 25° (<10)	NL No Lens*			
								40 40° (<10)	* (Not available for IP64 Wet Location)			
								60 60° (<13)				
								85 85** (>19)				
								WW Wallwash*				
								* (Requires -07 WDL effects device)				
								* (Required for wallwash)				
<div><div></div><div>(WH) White Powder Coat</div><div></div><div>(AB) Architectural Bronze Powder Coat</div><div></div><div>(AG) Satin Silver Powder Coat</div><div></div><div>(AU) Cashmere Gold Powder Coat</div><div></div><div>(BB) Burnt Bronze Powder Coat</div><div></div><div>(BK) Black Powder Coat</div></div>						LUMEN DELIVERED OUTPUTS AND T24 COMPLIANCE REFLECT 80+ CRI 3000K PAIRED WITH 25° OPTIC AND SOFT FOCUS LENS						



Declare.

FRAXION4 REMODEL SHALLOW REGRESS

ACCESSORIES

ROUND / SQUARE TRANSITIONAL ALTERNATE MEDIA

Dry/Damp location only.
Wet location requires alternate baffle.

- ☐ **CGL-F4RS** Clear Glass Lens
- ☐ **FGL-F4RS** Frosted Glass Lens
- ☐ **SFL-F4RS** Soft Focus Lens
- ☐ **FSFL-F4RS** Frosted Soft Focus Lens
- ☐ **WDL-F4RS** Wide Distribution Lens*
- ☐ **FLSL-F4R** Frosted Linear Spread Lens

* (Required and only available for 85° beam spread)

SQUARE ALTERNATE MEDIA

Dry/Damp location only.
Wet location requires alternate baffle.

- ☐ **CGL-F4SS** Clear Glass Lens
- ☐ **FGL-F4SS** Frosted Glass Lens
- ☐ **SFL-F4SS** Soft Focus Lens
- ☐ **FSFL-F4SS** Frosted Soft Focus Lens
- ☐ **WDL-F4SS** Wide Distribution Lens*
- ☐ **FLSL-F4SS** Frosted Linear Spread Lens

* (Required and only available for 85° beam spread)

ADJUSTABLE HCL ASSEMBLY

Dry / Damp location only.

- ☐ **OLR-F4RS1-SFL-HCL** Adjustable Honeycomb Louver and Soft Focus Lens*
- * (Not available for IP64 Wet Location, 21W or 22W, or Fixed Fixtures)

ASSEMBLY	SHAPE	RATING	FINISH	MEDIA
RBA				
REPLACEMENT BAFFLE ASSEMBLY	F4RS Round Shallow Regress F4RW Round Wallwash F4SS Square Shallow Regress F4SW Square Wallwash F4TS Square Transitional Shallow Regress	1 IP20 Dry/Damp 2 IP64 Wet* *(Requires provided suction cup to service or aim & focus)	WH White AB Architectural Bronze AG Satin Silver AU Cashmere Gold BB Burnt Bronze BK Black PR Primer CF Custom Finish * *(Consult Factory)	LEAVE BLANK FOR SOFT FOCUS LENS (SFL) OR WALLWASH (WW) HCL Honeycomb Louver* *(Not available for IP64 Wet Location, or adjustable fixtures) CGL Clear Glass Lens FGL Frosted Glass Lens FSFL Frosted Soft Focus Lens FLSL Frosted Linear Spread Lens WDL Wide Distribution Lens* *(Required and only available for 85° optic) NL No Lens* *(Not available for IP64 Wet Location)

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
- ☐ **RO-70-WW-S** Wallwash Optic

WARM DIM

- ☐ **RO-70-15-W** 15° optic
- ☐ **RO-70-20-W** 20° optic
- ☐ **RO-70-25-W** 25° optic
- ☐ **RO-70-40-W** 40° optic
- ☐ **RO-70-60-W** 60° optic
- ☐ **RO-70-WW-W** Wallwash 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
- ☐ **RO-70-WW-T** Wallwash optic

REPLACEMENT SUCTION TOOL

One included with every six fixtures designated Wet location.

- ☐ **F4-TOOL-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.

- ☐ **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

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

FRAXION4 REMODEL SHALLOW REGRESS

PERFORMANCE - 3000K

PACKAGE	WATTS	10° OPTIC NO LENS		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		WW OPTIC	
		DLVD.	LPW	DLVD.	LPW	DLVD.	LPW	DLVD.	LPW	DLVD.	LPW	DLVD.	LPW	DLVD.	LPW	DLVD.	LPW
80S11A	11	-	-	1194	109	1255	114	1351	123	1246	113	1122	102	961	87	868	79
80S15A / C	15	638	42	1609	107	1689	113	1681	112	1612	107	1495	100	1296	86	1126	65
80S21A	21	-	-	2228	106	2264	108	2271	108	2179	104	2020	96	1762	84	1275	61
80S30B	30	-	-	2928	97	3104	103	3059	101	2917	97	2739	91	2419	80	2086	70
90S11A	11	-	-	1026	93	1078	98	1161	106	1070	97	964	88	826	75	746	68
90S15A / C	15	550	36	1382	92	1451	97	1444	96	1385	92	1284	86	1113	74	967	64
90S21A	21	-	-	1914	91	1945	93	1951	93	1872	89	1735	83	1514	72	1095	52
90S30B	30	-	-	2515	84	2667	89	2628	88	2506	84	2353	78	2078	69	1792	60
97S11A	11	-	-	901	82	946	86	1019	93	939	85	846	77	725	66	655	60
97S15A / C	15	475	31	1213	81	1274	85	1268	85	1216	81	1127	75	977	65	849	57
97S21A	21	-	-	1680	80	1708	81	1713	82	1644	78	1523	73	1329	63	961	46
97S30B	30	-	-	2208	74	2342	78	2307	77	2200	73	2066	69	1824	61	1573	52
90L15A (WL 27K-18K)	15	-	-	1157	77	1185	79	1166	78	1103	74	995	66	880	59	928	62
90L15A (WD 30K-18K)	15	-	-	1245	83	1235	82	1233	82	1184	79	1118	75	979	65	941	63
90L22A (WL 27K-18K)	22	-	-	1499	68	1535	70	1511	69	1429	65	1289	59	1140	52	1202	55
90L22A (WD 30K-18K)	22	-	-	1663	76	1650	75	1647	75	1582	72	1493	68	1308	59	1257	57
90L30A (WL 27K-18K)	30	-	-	1719	57	1761	59	1733	58	1639	55	1478	49	1308	44	1379	46
90L30A (WD 30K-18K)	30	-	-	1926	64	1911	64	1908	64	1832	61	1730	58	1515	50	1456	49
90T15B (40K-18K)	15	-	-	1203	80	1267	84	1247	83	1191	79	1122	75	969	65	890	59
90T15B (50K-27K)	15	-	-	1192	79	1256	84	1236	82	1180	79	1112	74	960	64	882	59
90T22B (40K-18K)	22	-	-	1664	76	1752	80	1710	78	1651	75	1574	72	1351	61	1241	56
90T22B (50K-27K)	22	-	-	1649	75	1736	79	1695	77	1636	74	1560	71	1339	61	1230	59

PERFORMANCE ATTRIBUTES

OPTIC	10° OPTIC FIELD REDUCER	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 DIST.	WW OPTIC WALLWASH LENS
MAX UGR	<10	>19	<13	<13	<16	>19	>19	>19
MAX TILT	30°	27°	24°	21°	15°	6°	<5°	

*UGR VALUES REFLECT WHITE BAFFLE AND 30 WATTS, LOWER UGR VALUES AVAILABLE WITH DIFFERENT FINISHES AND LOWER WATTAGES.
**MAX TILT REFLECTS TILT ANGLE PRIOR TO BEAM CLIPPING.

OUTPUT MULTIPLIER

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

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

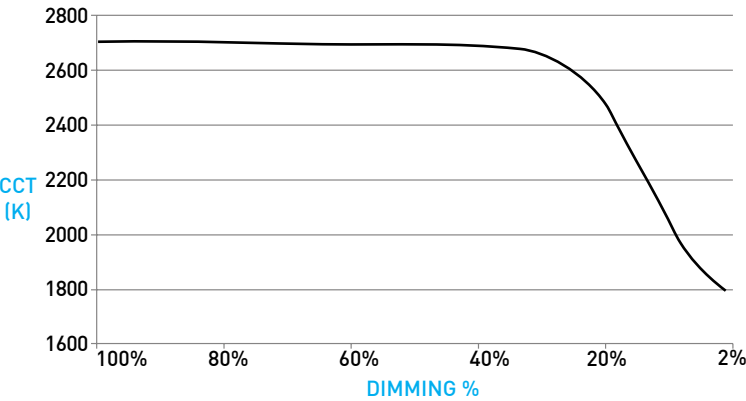
MEDIA LIGHT LOSS FACTOR

MEDIA	LIGHT LOSS FACTOR
NO LENS	1.06
CGL	1.00
SFL	1.00
FGL	0.89
FSFL	0.81
FLSL	0.82
HCL	0.73

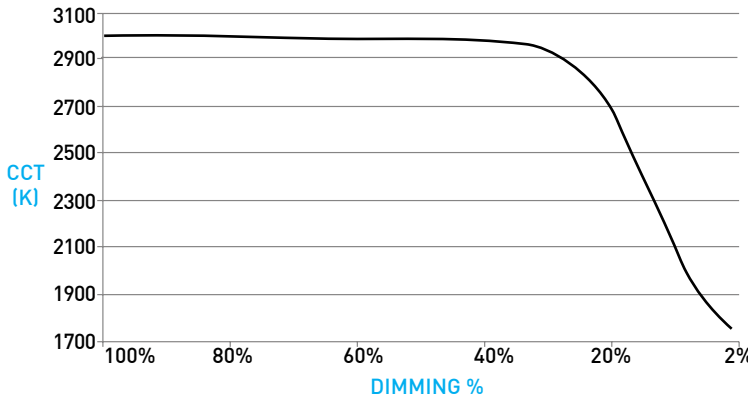
FRAXION4 REMODEL SHALLOW REGRESS

WARM DIM PERFORMANCE - 25° OPTIC - SOFT FOCUS LENS

INCANDESCENT PROFILE							
90L15AWL 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)	1185	948	830	593	237	119	24
Power (W)	15	12	10.5	7.5	3	1.5	0.3
Efficacy (LPW)	79	79	79	79	79	79	79
90L22AWL 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	2600K	2100K	1800K
Light Output (Lm)	1535	1228	1075	768	307	154	31
Power (W)	22	17.6	15.4	11	4.4	2.2	0.4
Efficacy (LPW)	70	70	70	70	70	70	70
90L30AWL 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	2700K	2500K	1800K
Light Output (Lm)	1761	1409	1233	881	352	176	35
Power (W)	30	24	21	15	6	3	0.6
Efficacy (LPW)	59	59	59	59	59	59	59



HALOGEN PROFILE							
90L15AWD 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)	1235	988	865	618	247	124	25
Power (W)	15	12	10.5	7.5	3	1.5	0.3
Efficacy (LPW)	82	82	82	82	82	82	82
90L22AWD 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	2500K	1800K
Light Output (Lm)	1650	1320	1155	825	330	165	33
Power (W)	22	17.6	15.4	11	4.4	2.2	0.4
Efficacy (LPW)	75	75	75	75	75	75	75
90L30AWD 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	3000K	1800K
Light Output (Lm)	1911	1526	1338	956	382	191	38
Power (W)	30	24	21	15	6	3	0.6
Efficacy (LPW)	64	64	64	64	64	64	64



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

FRAXION4 REMODEL SHALLOW REGRESS

DOWNLIGHT

A ADJUSTABILITY

Hot-aim tilt up to 40° and 361° rotation with Philips screwdriver, features 5° tilt increment indicators. Sliding pivot point optimizes center beam, ensuring unclipped beam of 15° at 27° tilt and 25° at 21° tilt.

B RETENTION

Integrated metal arm clamps located within fixture body allow discreet flange design, while accommodating varying ceiling thicknesses from 0.25" to 1.50". Snap-on spacer clips (3X) supplied for ceiling thickness below 0.50" only.

C OPTIC

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

D 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%.

E 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

F 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.

H EFFECTS DEVICES / LENS RETAINER

Fixture is limited to 1 effects device installed on the baffle, see Section E 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.

I ROUND / SQUARE BAFFLE

Die-cast removable baffle provides easy access to adjustment mechanisms for tilt and rotation. Features 71° glare cutoff, minimizing aperture glare and concealing view into housing. Includes gasket, mitigating light leak.

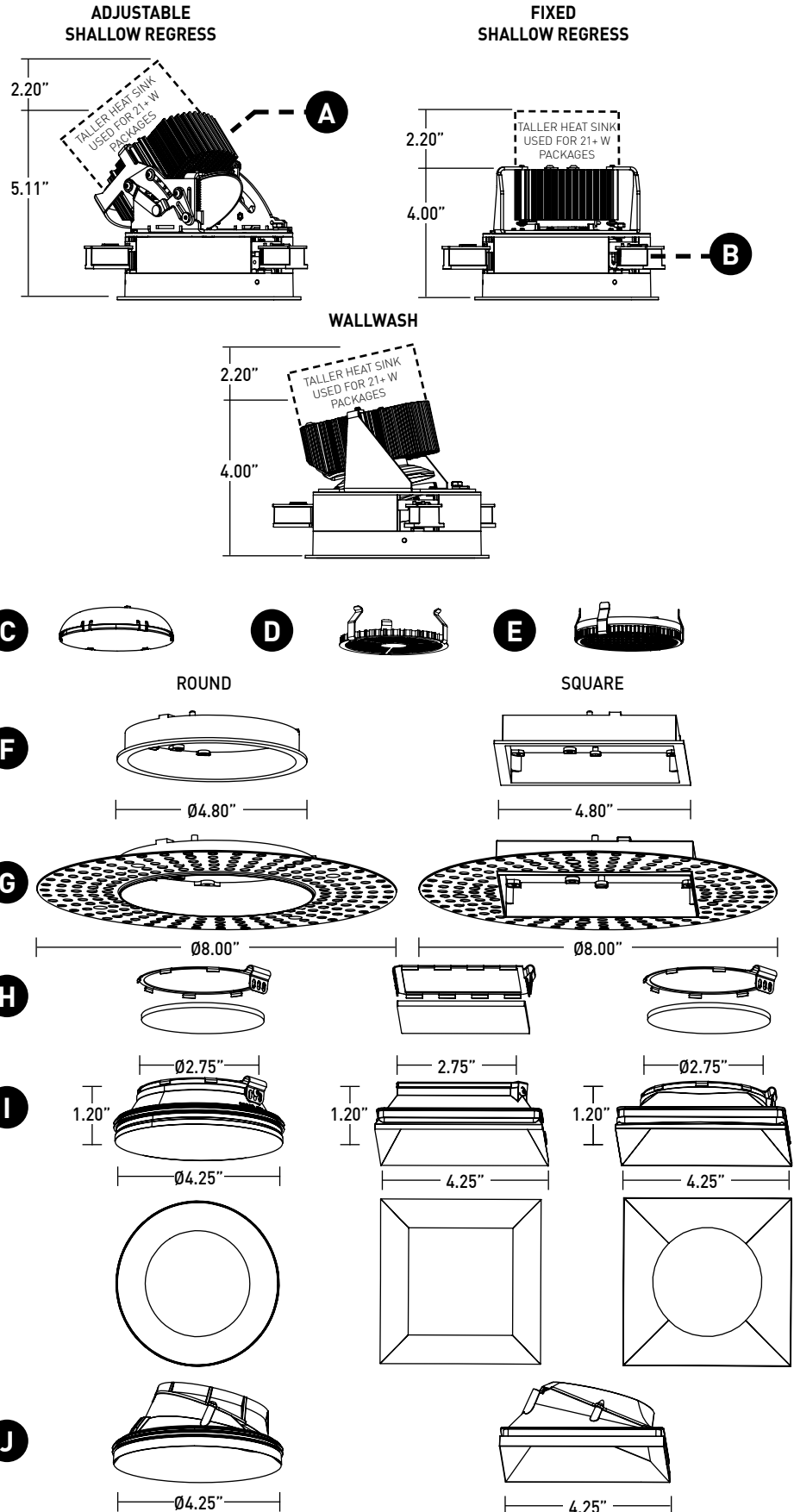
SQUARE TRANSITIONAL BAFFLE

Die-cast removable baffle provides easy access to tilting mechanism and features 71° glare cutoff. Transitions from square aperture at ceiling plane to round aperture at light source. Minimizes aperture glare and conceals view into housing; includes gasket.

J WALLWASH BAFFLE / MEDIA

Die-cast baffle minimizes aperture glare and conceals view into housing; includes gasket. Asymmetrical spread lens, included and sealed in place, combined with angled optic and wide aperture enhance uniformity. Suction tool provided for removal of baffle.

DIMENSIONS / DRAWINGS



FRAXION4 REMODEL SHALLOW REGRESS

DOWNLIGHT

K

TRIMLESS MILLWORK PROFILE / SPACERS

No visible flange, installs totally flush with millwork. Requires rigid backing for installation. Includes (1) 1/16" spacer and (5) 1/8" spacers.

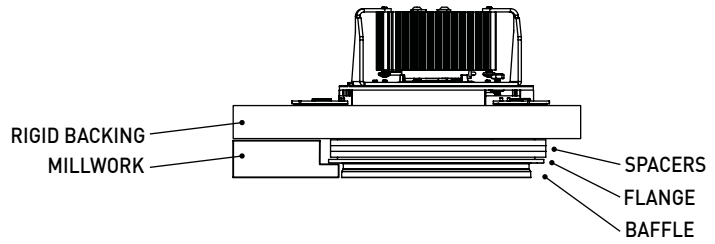
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CONCRETE POUR HOUSING / PROFILE

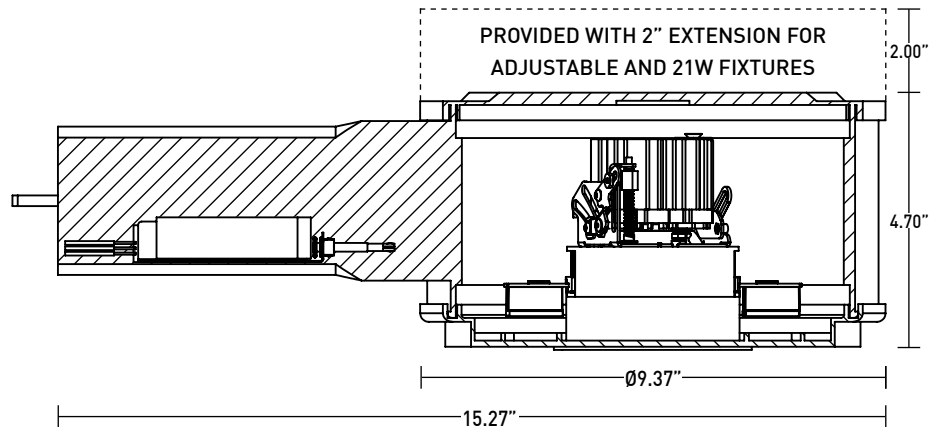
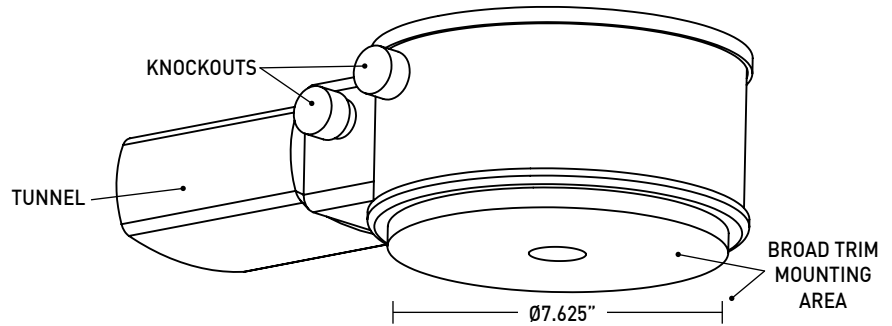
- Provided with install types "KC and KR".
- Ships separate from downlight and power supply.
- Features 4 conduit entries compatible with 3/4" and 1" ENT.
- Includes tunnel to accommodate installation of power supply.
- Features broad mounting tolerance area for trim location.

DIMENSIONS / DRAWINGS

K



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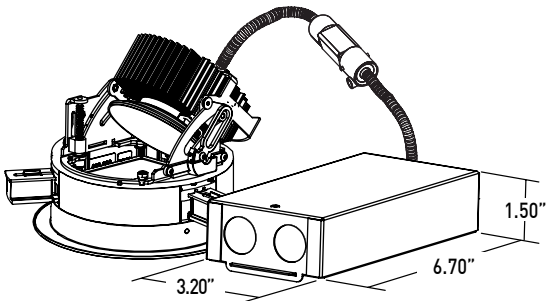
FRAXION4 REMODEL SHALLOW REGRESS

REMODEL POWER SUPPLY

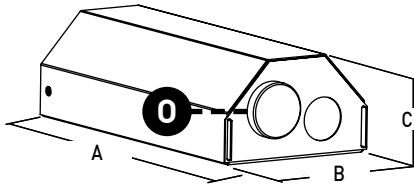
M REMODEL WITH NON-IC TETHERED POWER SUPPLY

- Requires 4.42" cutout.
- Tethered power supply protected wiring and quick-connect plug between fixture and power supply.
- Minimum 0.75" clearance from top of fixture.
- Minimum setback from combustible and non-combustible materials of 6.61" radius from fixture centerline; minimum 3.00" from surfaces of power supply if not situated within above noted radius from fixture centerline.
- Minimum additional 3.00" setback from insulation material with max R-Value 30 from any surface of downlight fixture assembly.
- Minimum additional 6.00" setback from polycell spray foam insulation with max R-Value 60 from any surface of downlight fixture assembly.
- Consult factory for spacing requirements for any installations exceeding R-Value 60.
- Do not install in environments where ambient temperatures exceed 40°C (104°F).

M



N



	A	B	C
STATIC WHITE / WARM DIM	6.94"	3.35"	2.00"
TUNABLE WHITE	8.10"	5.00"	2.00"
ATHENA / CASAMBI CONTROLLED	8.10"	5.00"	2.00"

REMOTE POWER SUPPLY

N REMOTE APPLICATIONS

- Provided with install type "KR" and "RR".
- Requires plenum rated Class 2 cable between fixture and remote driver. Cable supplied by others.
- See page 8 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).

O ATHENA / CASAMBI CONTROL

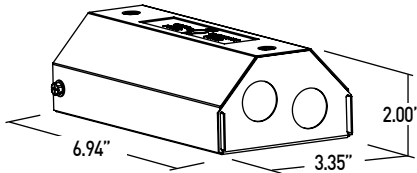
Controls integrated into remote driver assembly. All equipment is serviceable.

P ATHENA / CASAMBI EM SHUNT

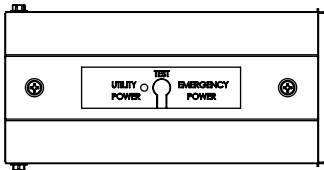
Included with drivers specified as ASR, ATR, CSR, or CTR. One required for each wireless EM fixture, requires class 2 control wiring between fixture and shunt. Features integrated test switch.

Model Number: PS-RMT-SHUNT

P



ATHENA / CASAMBI
EM SHUNT



FRAXION4 REMODEL SHALLOW REGRESS

TECHNICAL

CONSTRUCTION

Downlight: Painted finishes are granulated powder coat. Forged 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

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 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

	PHASE	0-10V						ECO	DALI-2		ATHENA		CASAMBI	
Power Supply	PH1	SG3	SN3	EG1	EN1	DG1	DN1	LP1	ED1	DD1	AS1	AD1	CS1	CD1
Minimum °C	-20 °C	-20 °C	-20 °C	-20 °C	-20 °C	-20 °C	-20 °C	0 °C	-20 °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	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%

Note: For PH1, LP1, EG1 and EN1 drivers consult chart on page 9 to confirm appropriate dimming curve for compatibility with selected control.

MAXIMUM ALLOWABLE REMOTE DRIVER WIRING DISTANCES

DRIVER	WIRE AWG				
	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'

WALLWASH SPACING

Recommended fixture spacing is 36" (914mm) on center with 36" (914mm) setback from wall plane.

LISTING

UL listed to UL1598 standard for Dry / Damp and Wet locations.

NEMA 410 Compliant.

U.S. Patent: 10,317,066

BUY AMERICAN ACT

All Fraxion4 Remodel configurations are Buy American Act compliant.

DECLARE

LBC Red List Approved.

WEIGHT

Fixture - 3 lbs 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

1.05/07/2025: UPDATED WARM DIM OFFERING.

FRAXION4 REMODEL SHALLOW REGRESS

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	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 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

