FRAXION®4 SLIM

SHALLOW REGRESS

- Baffle options in round and square featuring UGR as low as 11
- Integral drivers for tunable white with our 2 ranges, 1800K to 4000K and 2700K to 5000K
- Concrete Pour applications now available. See separate spec sheet

PROJECT NAME:	TYPE:







ORDERING INFORMATION - FIXTURE

JA8-2022 INDICATED BY SHADING

									200000	7		AILD DI SHADINO
SHAPE	RATING	TYPE	FINISH	BAFFLE FINISH	CRI	WATTAGE	ССТ	OPTIC (UGR)	MEDIA	INSTALL TYPE	CEILING THICKNESS	DRIVER
F4RS Round Shallow Regress F4SS Square Shallow Regress F4TS Square Transitional Shallow Regress* * (Not available for wallwash or natural wood baffles)	Dry/Damp 2 IP64 Wet* * (Suction cup provided for aim and focus)	A Adjustable F Fixed W Wallawash* * (Not available for natural wood baffles)	POWDERCOAT MICROFLANGE WH White AB Architectural Bronze AG Satin Silver AU Cashmere Gold BB Burnt Bronze BK Black PR Primer CF Custom Finish * *(Consult Factory)	POWDERCOAT WH White AB Architectural Bronze AG Satin Silver AU Cash BB Burnt Bronze BK Black PR Primer CF Custom Finish* *(Consult Factory)	STATIC WHITE 80S 80+ 90S 90+ 97S 97+	STATIC WHITE 11A 11W - 1351 Lm 15A 15W - 1681 Lm 15C 15W - 638 Lm* *[Foruse with 10" optic only] 21A 21W - 2271 Lm 30B 30W - 3059 Lm* *[Not available for IC Housings, or Adjustable fixtures] 36B 36W - 3614 Lm* *[Not available for IC Housings, or Adjustable fixtures]	24 2400K* *f90+CR111A, 15A, and 15C only) 27 2700K 30 3000K 35 3500K 40 4000K	40 40° (<13) 60 60° (<13) 85 85°* (>19) * (Requires-07 WDL effects device) WW Wallwash* * (Required for wallwash)	04 Soft Focus Lens* * (Required for 10* Optic) WW Wallwash Lens* * (Required for Wallwash) ALTERNATE MEDIA 01 Honeycomb Louver* * (Not available for IP64 Wet Location, or Adjustable Fixtures)	INTEGRAL DRIVER IC IC NC NIC AT IC, Airtight* 'Airtight & Title 24 compliant housing) CP IC, CCEA Chicago Plenum REMOTE DRIVER IR IC	1 0.50" -1.375" 2 1.375"-2.125" * [Adjustable only available for 10° and 15° optic. Not available for 10° and 15° optic. Not available for 907228] T 0.50" -1.375" * [Includes adjustable housing height bracket, recommended for T-6rid applications] G 1.375" -2.125" * [Adjustable only available for 1.375".	PH1 Forward / Reverse Phase, 2%, 120V* *(Not available for 30Wor 36W)) 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
			TRIMLESS TG Trimless	NATURAL WOOD WO Customer Supplied Dried Hardwood* * (Not available for IP64 wet locations) W1 Lucifer Lighting Walnut* * (Not available for IP64 wet locations) W2 Lucifer Lighting Apple* * (Not available for IP64 wet locations)	WARM DIM 90L 90+	WARM DIM 15A 90+ CRI, 15 Watts 22A 90+ CRI, 22 Watts 30A 90+ CRI, 30 Watts* * (Not available for IC Housings, or Adjustable fixtures) Incandescent Profile 15A - 1166 Lm 22A - 1511 Lm 30A - 1733 Lm Halogen Profile 15A - 1233 Lm 22A - 1647 Lm 30A - 1908 Lm SEE PAGE 4 FOR DETAILED WARM DIM PROFILE COMPARISON.	WL 2700K - 1800K WD 3000K - 1800K	15 15° (<16) 20 20° (<10) 25 25° (<10) 40 40° (<10) 60 60° (<13) 85 85° * (>19) * (Requires off wallwash* * (Required for wallwash)	Use Septiment of the Course of	NR NIC AR IC, Airtight* * (Airtight & Title 24 compliant housing) CR IC, CEGO Plenum	available for 10° and 15° optic. Includes adjustable housing height bracket, recommended for T-Grid applications. Not available for Wallwash 90'115B or 90'122B)	LP1 Lutron, Hi-Lume Premier Ecosystem 0.1% Fade to Black, 120V or 277V* * (Not available for 30W or 36W) AS1 / Athena Control ASR eldoLED, SOLOdrive 0.1%, 120V-277V* * (Includes Athena Node. Extended lead time, consult factory. ASR includes EM Shunt) CS1 / Casambi Control CSR eldoLED, SOLOdrive 0.1%, 120V-277V* * (Includes Casambi Node. Extended lead time, consult factory. CSR includes Casambi Node. Extended lead time, consult factory. CSR includes EM Shunt)
					TUNABLE WHITE 90T 90+	TUNABLE WHITE 15B 15W Warm Profile: 4000K - 1800K 1247 Lm	TR 4000K - 1800K TH 5000K - 2700K	25 25° (<10) 40 40° (<10) 60 60° (<13)	Lens * * (Not available for IP64 Wet Location, 21W or 22W, or Fixed Fixtures) NL No Lens * * (Not available for IP64			TUNABLE WHITE POWER SUPPLIES (120-277V) DG1 eldoLED, DUALdrive 0.1% 0-10V, LOG DN1 eldoLED, DUALdrive
Pov	(WH) White vder Coat (AU) mere Gold wder Coat	Powde (B Burnt I	ral Bronze S er Coat Po B) Bronze	(AG) atin Silver wwder Coat (BK) Black wwder Coat		Cool Profile: 5000K - 2700K 1236 Lm 22B 22W Warm Profile: 4000K - 1800K 1710 Lm Cool Profile: 5000K - 2700K 1695 Lm LUMEN DELIVERED OUTPUTS AND T24 COMPLIANCE REFLECT 80+ CRI 3000K PAIRED WITH 25° OPTIC AND SOFT FOCUS LENS		85 85°* (>19) * (Requires of WDL effects device) WW Wallwash* * (Required for wallwash)	Wet Location)			0.1% 0-10V, LIN DD2 eldoLED, DUALdrive 0.1% DALI-2 DT8, LOG AD1 / Athena Control ADR eldoLED, DUALdrive 0.1%* * (Inctudes Athena Node. Extended lead time, consult factory. ADR inctudes EM Shunt) CD1 / Casambi Control CDR eldoLED, DUALdrive 0.1%* * (Inctudes Casambi Node. Extended lead time, consult factory. CDR inctudes EM Shunt)



(W1)

Lucifer Lighting

(W2)

Lucifer Lighting Maple

[PH] +1-210-227-7329

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*

* (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-F4SS Clear Glass Lens ☐ FGL-F4SS Frosted Glass Lens

☐ **SFL-F4SS** Soft Focus Lens

FURRING CHANNEL ACCESSORY KIT

□ DHA-FC-KIT

Recommended for installations in furring channel.

Available for ceiling thicknesses from 0.50" - 2.125".

☐ FSFL-F4SS Frosted Soft Focus Lens □ WDL-F4SS Wide Distribution Lens*

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

☐ **FLSL-F4SS** 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 IP64 Wet Location, 21W or 22W, or Fixed

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		WAR	M DIM	TUNABLE WHITE		
□ RO-70-15-S 1		□ R0-70-15-W		□ R0-70-15-T		
□ RO-70-20-S 2 □ RO-70-25-S 2		□ R0-70-20-W □ R0-70-25-W		☐ RO-70-20-T ☐ RO-70-25-T		
□ RO-70-40-S 4	0° optic	□ R0-70-40-W	40° optic	□ R0-70-40-T	40° optic	
□ R0-70-60-S 6 □ R0-70-WW-S W		□ R0-70-60-W □ R0-70-WW-W		☐ R0-70-60-T ☐ R0-70-WW-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

REPLACEMENT APPLIQUÉ

□ **DLA-APP-F4RS** Round, Shallow Regress □ DLA-APP-F4SS Square, Shallow Regress

REPLACEMENT SUCTION TOOL

One included with every six fixtures designated Wet location.

☐ **F4-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.

☐ 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.

HANGER BAR EXTENDER KIT

Extends hanger bars from 24.0" to 46.0" maximum.

□ FRX-HBE-46 Extender, Hanger Bar





JA8-2022 INDICATED BY SHADING

PACKAGE	WATTS	10° C No L	PTIC ENS		PTIC CUS LENS	20° 0 S0FT F00		25° C SOFT FOO			PTIC CUS LENS		PTIC CUS LENS		PTIC TRIBUTION	ww	OPTIC
PACKAGE	WAIIS	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
80S36B	36	1	-	3453	95	3657	101	3614	100	3439	96	3212	89	2851	79	2405	69
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	1	-	2515	84	2667	89	2628	88	2506	84	2353	78	2078	69	1792	60
90S36B	36	-	-	2966	82	3142	87	3105	86	2954	82	2759	77	2449	68	2066	57
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
97S36B	36	-	-	2604	72	2759	77	2726	76	2594	72	2422	67	2150	60	1814	50
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	ı	-	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

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

TUNABLE WHITE MULTIPLIER

ССТ	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

LIGHT LOSS FACTOR
1.06
1.00
1.00
0.89
0.81
0.82
0.73



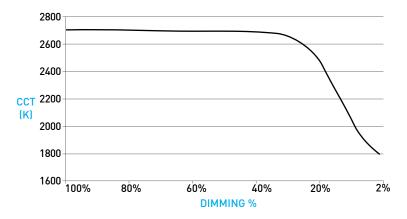
WARM DIM PERFORMANCE - 25° OPTIC - SOFT FOCUS LENS

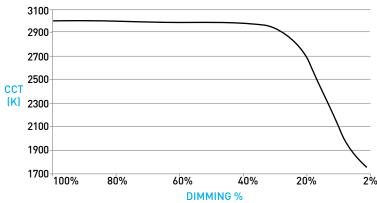
INCANDESCENT PROFILE

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.

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

pg. 4

DOWNLIGHT / HOUSING

A DOWNLIGHT / HOUSING

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°, 20°, 25°, 40° & 60° beams.

10° FIELD REDUCER

Provided with 10° optic, includes honeycomb louver. Reduces field angle by 30%.

ADJUSTABLE HCL / SFL 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.

(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.

♠ 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 71° glare cutoff, minimizing aperture glare and concealing view into housing. Includes gasket, mitigating light leak.

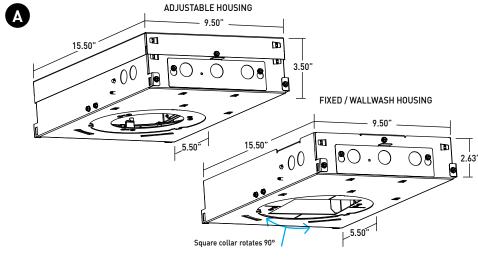
SQUARE TRANSITIONAL BAFFLE

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 71° glare cutoff, minimizing aperture glare and concealing view into housing. Includes gasket, mitigating light leak.

WALLWASH BAFFLE / MEDIA

Die-cast baffle with angled wide aperture for enhanced uniformity. Features asymmetrical spread lens, sealed in place, combined with auxiliary reflector for optimum performance. Includes gasket, mitigating light leak, and Suction Tool to accommodate baffle removal.

DIMENSIONS / DRAWINGS



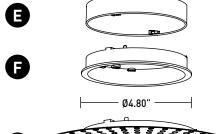


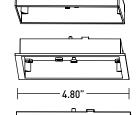
ROUND

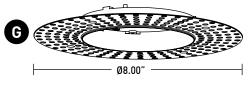


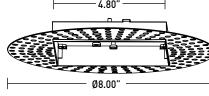


SQUARE



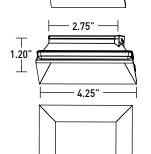






















luciferlighting.com

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 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.
- 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 27° tilt and 25° at 21° tilt. 1° tilt increments with 5° 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.

P 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.

R ATHENA / CASAMBI CONTROL

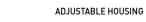
Controls integrated into housing or remote driver assembly. All equipment is serviceable.

S ATHENA / CASAMBI EM SHUNT

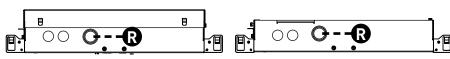
Included with drivers specified as ASR, ADR, CSR, or CDR. One required for each wireless EM fixture, requires class 2 control wiring between fixture and shunt. Features integrated test switch.

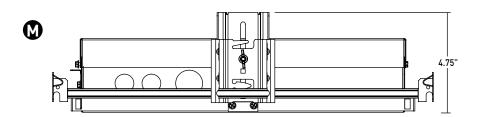
Model Number: PS-RMT-SHUNT

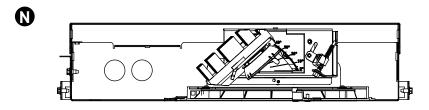


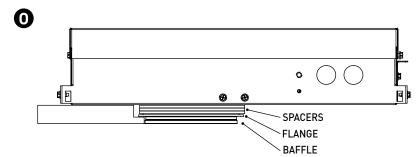


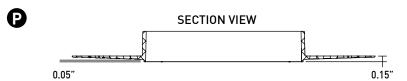


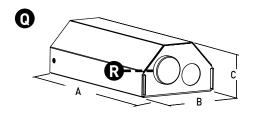




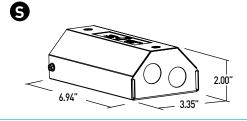


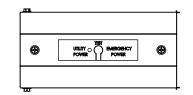






	Α	В	С
STATIC WHITE /	6.94"	3 35"	2.00"
WARM DIM	6.74	3.33	2.00
TUNABLE WHITE	8.10"	5.00"	2.00"
ATHENA / CASAMBI	8 10"	5 00"	2 00"
CONTROLLED	0.10	5.00	2.00







TECHNICAL

CONSTRUCTION

Downlight: Painted finishes are granulated powder coat.

Housing: Aluminum and 22 Gauge galvanized steel. Extruded aluminum

housing panel to act as 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.



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				EC0	DALI-2		ATHENA		CASAMBI			
Power Supply	PH1	SG3	SN3	EG1	EN1	DG1	DN1	LP1	ED1	DD1	AS1	AD1	CS1	CD1
Minimum °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 8 to confirm appropriate dimming curve for compatibility with selected

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'

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. CCEA, Airtight and Title 24 JA8-2022 Listed.

NEMA 410 Compliant. U.S. Patent: 10,317,066

BUY AMERICAN ACT

All Fraxion4 SLIM configurations are Buy American Act compliant.

LBC Red List Approved.

Fixture - 7.2 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.

CHANGE LOG

1.05/07/2025: UPDATED WARM DIM OFFERING.





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

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

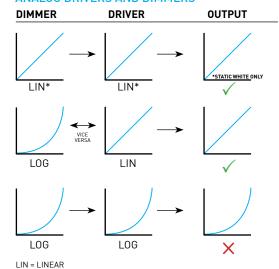
Power supply LP1 Lutron Product Family	Part No.			
PowPak Dimming Modules	RMJ-EC032-DV-B			
PowPak Dimming Modules	FCJ/FCJS-ECO			
Energi Savr Nodes	QSN-1ECO-S			
GRAFIK Eye QS control unit Homeworks QS control unit	QSN-2ECO-S			
GRAFIK Eye QS control unit Homeworks QS control unit	QSGRJE (wireless) 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



LOG = LOGARITHMIC

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

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

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