FRAXION®4 SLIM

DEEP REGRESS

- Max output of 3459lm at 80+ CRI
- Deep regress baffle options in round and square featuring UGR as low as 10.1
- Integral drivers for tunable white with our 2 ranges, 1800K to 4000K and 2700K to 5000K
- Now available for concrete pour applications. See separate spec sheet

PROJECT NAME:	TYPE:





ORDERING INFORMATION - FIXTURE

JA8-2022 INDICATED BY SHADING

									Seman.	JA8-20	JZZ INDIC	ATED BY SHADING
SHAPI	RATING	TYPE	FINISH	BAFFLE FINISH	CRI	WATTAGE	сст	OPTIC (UGR)	MEDIA	INSTALL TYPE	CEILING THICKNESS	DRIVER
F4RD Round Deep Regre F4SD Squal Deep Regre F4TD Squal Transi Deep Regre	Dny/Damp 2 P64 Wet* * (Suction cup provided for aim and focus)	A Adjustable F Fixed	POWDERCOAT MICROFLANGE WH White AB Architectural Bronze AG Satin Silver AU Cashmere Gold BB Burnt Bronze BK Black	POWDERCOAT WH White AB Architectural Bronze AG Satin Silver AU Cashmere Gold BB Burnt Bronze BK Black PR Primer	STATIC WHITE 80S 80+ 90S 90+ 97S 97+	11A 11W - 1209 Lm 15A 15W - 1610 Lm 15C 15W - 1174 Lm 21A 21W - 2175 Lm 30B 30W - 2950 Lm* * (Not available for IC Housings, or Adjustable fixtures)	24 2400K* *[90-CRI only, 15W max] 27 2700K 30 3000K 35 3500K 40 4000K	10 10°* [<10] * (150 packages only) 15 15° [<16] 20 20° [<10] 25 25° [<10] 40 40° [<13] 85 85°* [<19] 87 [Requires 7/WOL effects device]	STANDARD MEDIA 04 Soft Focus Lens* * (Required for 10* Optic) ALTERNATE MEDIA 01 Honeycomb Louver* * (Not available for IP64 Wet Location, Adjustable Fixtures, or Warm Dim)	INTEGRAL DRIVER IC IC NC NIC AT IC, Airtight & Tate 24 compliant housing) CP IC, CCEA Chicago Plenum	0 0.125" - 0.50" 1 0.50" - 1.375" 2 1.375" - 2.125" *(Adjustable only available for 10° and 15° optic. Not available for Wallwash 90T15B or 90T22B) T 0.50" - 1.375" *(Includes adjustable housing	PH1 Forward / Reverse Phase, 2%, 120V* * (Not available for 30W or 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, LOG, 120V-277V
			PR Primer CF Custom Finish* *(Consult Factory) TRIMLESS TG Trimless Gypsum 1/16" TM Trimless Millwork* *(Not available for	CF Custom Finish * *(Consult Factory)	WARM DIM 90W 90+	36B 30W - 3459 Lm* *(Not available for IC Housings, or Adjustable fixtures) WARM DIM 15A 15W Incandescent Profile: 2700K - 1800K 1022 Lm Halogen Profile: 3000K - 1800K	WL 2700K - 1800K WD 3000K - 1800K	20 20° [<16] 25 25° [<10] 40 40° [<10] 60 60° [<13] 85 85°* [>19] *[Requires-7WDL effects device]	02 Clear Glass Lens* * (Not available for Warm Dim) 03 Frosted Glass Lens	REMOTE DRIVER IR IC NR NIC AR IC, Airtight* * [Airtight & Title 24 compliant housing] CR IC, CCEA Chicago	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.	0-10V, LIN, 120V-277V ED1 eldoLED, SOLOdrive 0.1% DALI-2, LOG, 120V-277V LP1 Lutron, Hi-Lume Premier Ecosystem 0.1% Fade to Black, 120V or 277V* *(Not available for 30W or 36W. Not available for 21W in IC, AT, and CP install types) AS1 / Athena Control
			Pre-cast concrete installations)		TUNABLE WHITE 90T 90+	SEE PAGE 4 FOR DETAILED WARM DIM PROFILE COMPARISON. TUNABLE WHITE 15B 15W Warm Profile: 4000K - 1800K 1209 Lm Cool Profile: 5000K - 2700K 1198 Lm		25 25° (<10) 40 40° (<10) 60 60° (<13) 85 85°* (>19) * (Requires -7 WDL	Spread Lens 77 Wide Distribution Lens* *Required and only available for 85° optic) HS Adjustable Honeycomb Louver and Soft Focus Lens*	Plenum	Not available for Wallwash 90115B or 90122B)	AST eldoLED, SOLOdrive 0,1%, 120V-277V* *[Includes Athena Node. Extended lead time, consult factory. ASR includes shunt] CS1/ Casambi Control CSR eldoLED, SOLOdrive 0,1%, 120V-277V* *[Includes Casambi Node. Extended lead time, consult factory. CSR includes Shunt]
						22B 22W Warm Profile: 4000K - 1800K 1696 Lm Cool Profile: 5000K - 2700K 1680 Lm		effects device)	* (Not available for IP64 Wet Location, 21W or 22W, Fixed Fixtures, or Warm Dim) NL No Lens * *(Not available for IP64 Wet Location, or Warm Dim)			TUNABLE WHITE POWER SUPPLIES (120-277V) DG1 eldoLED, DUALdrive 0.1% 0-10V, LOG DN1 eldoLED, DUALdrive 0.1% 0-10V, LIN
	(WH) White Powder Coat (AU) Cashmere Gold Powder Coat	Architectu Powd (E Burnt	er Coat Po BB) Bronze	[AG] atin Silver wder Coat (BK) Black wder Coat		LUMEN DELIVERED OUTPUTS AND T24 COMPLIANCE REFLECT 80+ CRI 3000K PAIRED WITH 25° OPTIC AND SOFT FOCUS LENS						DD2 eldoLED, DUALdrive 0.1% DALI-2 DT8, LOG AD1 / Athena Control ADR eldoLED, DUALdrive 0.1%* *(Includes Athena Node. Extended lead time, consult factory: ADR includes shunt) CD1 / Casambi Control CDR eldoLED, DUALdrive 0.1%* *(Includes Casambi Node. Extended lead time, consult factory: CDR includes shunt)

Fixture as e.g., F4RD1AMWHBK90S21A30404IC1PH1





ACCESSORIES

ROUND / TRANSITIONAL ALTERNATE MEDIA

Dry/Damp location only.

Wet location requires alternate baffle.

☐ CGL-F4R-2 Clear Glass Lens*

*(Not available for Warm Dim)

☐ FGL-F4R-2 Frosted Glass Lens

☐ SFL-F4R-2 Soft Focus Lens

☐ FSFL-F4R-2 Frosted Soft Focus Lens

□ WDL-F4R-2 Wide Distribution Lens*

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

☐ FLSL-F4R-2 Frosted Linear Spread Lens

SQUARE ALTERNATE MEDIA

Dry/Damp location only.

Wet location requires alternate baffle.

□ CGL-F4S-2 Clear Glass Lens* *(Not available for Warm Dim)

☐ FGL-F4S-2 Frosted Glass Lens

☐ SFL-F4S-2 Soft Focus Lens

☐ FSFL-F4S-2 Frosted Soft Focus Lens

□ WDL-F4S-2 Wide Distribution Lens*

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

☐ FLSL-F4S-2 Frosted Linear Spread Lens

ADJUSTABLE HCL ASSEMBLY

Dry / Damp location only.

□ **OLR-F4RD1-SFL-HCL** Adjustable Honeycomb

Louver and Soft Focus Lens* (Not available for IP64 Wet Location, 21W or 22W, Fixed Fixtures, or Warm

REPLACEMENT BAFFLE ASSEMBLY (INCLUDES MEDIA)

ASSEMBLY	SHAPE	TYPE	RATING FINISH	MEDIA
RBA REPLACEMENT BAFFLE ASSEMBLY	F4RD Round Shallow Regress F4SD Square Shallow Regress F4TD Square Transitional Shallow Regress	AF Adjustable / Fixed 1 1 [2 2 * fix provi	WH White Dry/Damp IP64 Wet* Requires wided suction cup service or aim ocus WH White AB Architectural Bronze AG Satin Silver AU Cashmere Gold BB Burnt Bronze BK Black PR Primer CF Custom Finish* *[Consult Factory]	04 Soft Focus Lens* * (Required for 10° optic) 01 Honeycomb Louver* * (Not available for IP64 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 85° optic) NL No Lens * *Not available for IP64 Wet Location, or Warm Dim

REPLACEMENT OPTICS

Interchangeable optics accessible through fixture aperture.

STATIC WHITE	WARM DIM	TUNABLE WHITE			
□ R0-50-15-S 15° optic □ R0-50-20-S 20° optic □ R0-50-25-S 25° optic □ R0-50-40-S 40° optic	□ R0-50-20-W 20° optic □ R0-50-25-W 25° optic □ R0-50-40-W 40° optic □ R0-50-60-W 60° optic	□ RO-50-15-T 15° optic □ RO-50-20-T 20° optic □ RO-50-25-T 25° optic □ RO-50-40-T 40° optic			
□ RO-50-60-S 60° optic □ RO-50-WW-S Wallwash Optic	□ R0-50-WW-W Wallwash Optic	□ R0-50-60-T 60° optic □ R0-50-WW-T Wallwash optic			

T-GRID ACCESSORY KIT

☐ DHA-TG-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".

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 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

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



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OUTPUT MULTIPLIER

PACKAGE	WATTS	10° OPTIC NO LENS		15° C SOFT FOO		20° 0 SOFT FOO		25° C SOFT FOO		40° C SOFT FOO			PTIC CUS LENS	85° OPTIC WIDE DISTRIBUTION	
ACITAGE	ITALIS	DLVD.	LPW	DLVD.	LPW	DLVD.	LPW	DLVD.	LPW	DLVD.	LPW	DLVD.	LPW	DLVD.	LPW
80S11A	11	-	-	999	91	1129	103	1189	108	1037	94	1209	110	992	90
80S15A	15	1174	107	1346	90	1519	101	1478	99	1342	89	1610	107	1336	89
80S21A	21	-	-	1864	89	2036	97	1997	95	1814	86	2175	104	1818	87
80S30B	30	-	-	2449	82	2792	93	2690	90	2428	81	2950	98	2495	83
80S36B	36	-	-	2888	80	3289	91	3179	88	2863	80	3459	96	2940	82
90S11A	11	-	-	858	78	970	88	1021	93	891	81	1038	94	852	77
90S15A	15	1012	92	1156	77	1305	87	1270	85	1153	77	1383	92	1148	77
90S21A	21	-	-	1601	76	1749	83	1716	82	1558	74	1869	89	1562	74
90S30B	30	-	-	2104	70	2399	80	2311	77	2086	70	2534	84	2143	71
90S36B	36	-	-	2481	69	2826	78	2731	76	2459	68	2972	83	2526	70
97S11A	11	-	-	754	69	851	77	897	82	72	71	912	83	748	68
97S15A	15	873	79	1015	68	1146	76	1115	74	1012	67	1214	81	1008	67
97S21A	21	-	-	146	67	1536	73	1507	72	1368	65	1641	78	1371	65
97S30B	30	-	-	1847	62	2106	70	2029	68	1832	61	2225	74	1882	63
97S36B	36	-	-	2178	61	2481	69	2398	67	2159	60	2609	72	2218	62
0011451															
90W15A (WL 27K-18K)	15	-	-	-	-	994	66	937	62	833	56	1022	68	878	59
90W15A (WD 30K-18K)	15	-	-	-	-	995	66	938	63	838	56	1031	69	885	59
007455															
90T15B (40K-18K)	15	-	-	1082	72	1140	76	1097	73	991	66	1209	81	999	67
90T15B (50K-27K)	15	-	-	1072	71	1130	75	1087	72	982	65	1198	80	990	66
90T22B (40K-18K)	22	-	-	1497	68	157+	72	1504	68	1374	62	1696	77	1394	63

CCT	CCT SCALE						
2400K	0.85						
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
HCL	0.73

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

MAX UNIFIED GLARE RATING

1362

1491

1680

76

1381

10° OPTIC	15° OPTIC	20° OPTIC	25° OPTIC	40° OPTIC	60° OPTIC	85° OPTIC
NO LENS	SOFT FOCUS LENS	SOFT FOCUS LENS	SOFT FOCUS LENS	SOFT FOCUS LENS	SOFT FOCUS LENS	WIDE DISTRIBUTION
<10	<16	<10	<10	<13	<13	

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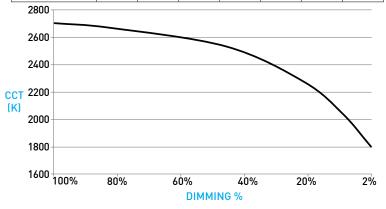
pg. 3

90T22B (50K-27K)

WARM DIM PERFORMANCE - 60° OPTIC - SOFT FOCUS LENS

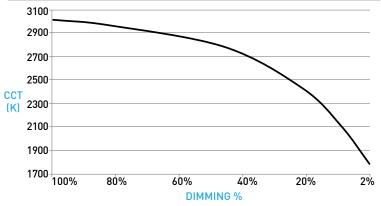
WARM DIM TO MIRROR INCANDESCENT DIMMING PROFILE

WL 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)	1022	817	715	511	204	102	20
Power (W)	15	12	10.5	7.5	3	1.5	.3
Efficacy (LPW)	68	68	68	68	68	68	68



HALOGEN WARM DIM PROFILE

WD 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)	3000	2950	2920	2775	2375	2000	1800
Light Output (Lm)	1031	824	721	515	206	103	20
Power (W)	15	12	10.5	7.5	3	1.5	.3
Efficacy (LPW)	69	69	69	69	69	69	69



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 10°, 15°, 20°, 25°, 40° & 60° beams.

10° FIELD REDUCER

Included with 10° optic. Reduces 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.

(H) EFFECTS DEVICES / LENS RETAINER

Fixture is limited to 1 effects device. Wet location effects device is sealed in place. Suction tool provided for removal of baffle with wet location. Lens retainer allows effects devices to be changed in Dry /Damp locations.

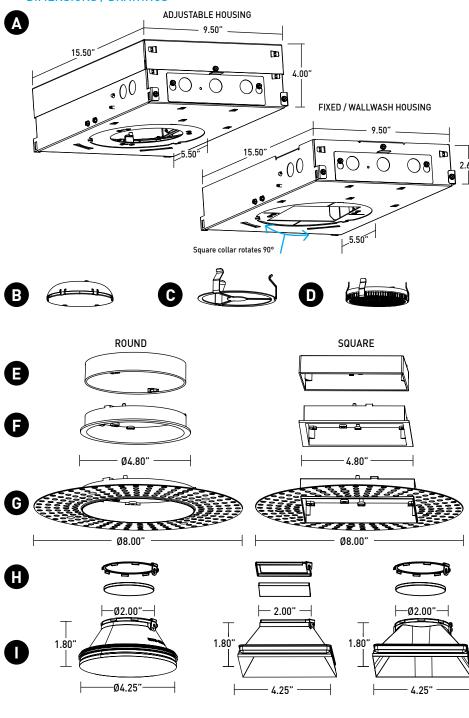
■ ROUND / SQUARE BAFFLE

Die-cast removable baffle provides easy access to tilting mechanism and features 70° glare cutoff. Minimizes aperture glare and conceals view into housing; includes gasket.

SQUARE TRANSITIONAL BAFFLE

Die-cast removable baffle provides easy access to tilting mechanism and features 70° 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.

DIMENSIONS / DRAWINGS





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

DOWNLIGHT / HOUSING

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 lockable 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 quide included.

TRIMLESS MILLWORK PROFILE / SPACERS No visible flange, installs totally flush with millork. 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.

ATHENA / CASAMBI CONTROL

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

> Athena Model Numbers: A-WN-D01-RF-BL & DFC-0EM-DBI

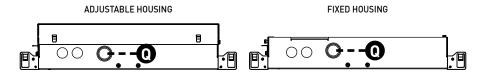
Casambi Model Number: BT-S1E1-5400

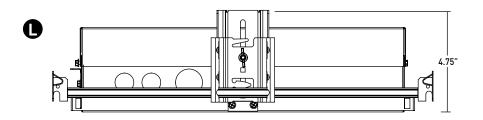
ATHENA / CASAMBI EM SHUNT

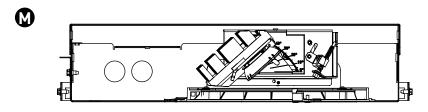
R Inlcuded with drivers specified as ASR, ADR, CSR, or CDR. One required for each wireless EM fixture, requires class 2 control wiring between fixture and shunt. Features integrated test switch.

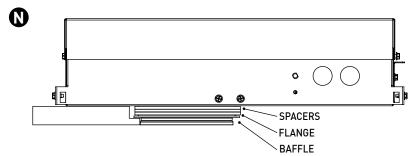
Model Number: PS-RMT-SHUNT

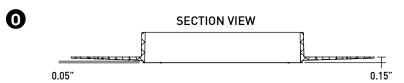


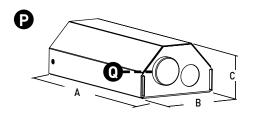




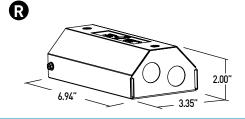




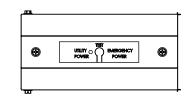




	Α	В	С
STATIC WHITE /	6.94"	3 35"	2 00"
WARM DIM	6.74	3.33	2.00
TUNABLE WHITE	8.10"	5.00"	2.00"
ATHENA / CASAMBI	8 10"	5 00"	2 00"
CONTROLLED	0.10	5.00	2.00



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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.

<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. 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 I FD



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 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

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

 $\label{lem:adjustable} \mbox{All Fraxion4 SLIM Adjustable configurations are Buy American Act compliant.}$

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

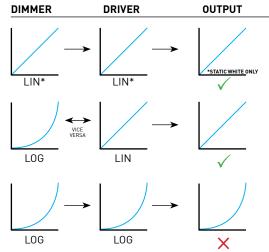
Power supply LP1 Lutron Product Family	Part No.			
PowPak Dimming Modules	RMJ-EC032-DV-B			
PowPak Dimming Modules	FCJ/FCJS-EC0			
Energi Savr Nodes	QSN-1ECO-S			
GRAFIK Eye QS control unit Homeworks QS control unit	QSN-2ECO-S			
GRAFIK Eye QS control unit Homeworks QS control unit	QSGRJE (wireless) QSGRE			
Quantum Hub	QP22C			
Quantum Hub	QP24C			
Quantum Hub	QP26C			
Quantum Hub	QP28C			
Homeworks QS power module	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