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
- 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

| | | | | | | | | 1 | | | | |
|--|---|------------------------|--|---|---|---|--|-------------|--|--|--|---|
| SHAPE | RATING | TYPE | FINISH | BAFFLE FINISH | CRI | WATTAGE | ССТ | OPTIC (UGR) | MEDIA | INSTALL TYPE | CEILING THICKNESS | DRIVER |
| | | | | | | | | | | | | |
| F4RD Round Deep Regress F4SD Square Deep Regress F4TD Square Transitional Deep Regress* * (Not available for natural wood baffles) | 1 IP20 Dry/Damp 2 IP64 Wet* * (Suction cup provided for aim and focus) | A Adjustable F Fixed | BK Black PR Primer CF Custom Finish* *(Consult Factory) TRIMLESS TG Trimless | AB Architectural | STATIC WHITE 80S 80+ 90S 90+ 97S 97+ WARM DIM 90L 90+ | 15A 15W - 1610 Lm 15C 15W - 540 Lm* *[Foruse with 10" optic only] 21A 21W - 2175 Lm 30B 30W - 2950 Lm* *[Not available for IC Housings, or Adjustable fixtures] 36B 30W - 3459 Lm* *[Not available for IC Housings, or Adjustable fixtures] 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 - 1123 Lm 22A - 1455 Lm 30A - 1669 Lm Halogen Profile 15A - 1150 Lm 22A - 1536 Lm 30A - 1779 Lm SEE PAGE 4 FOR DETAILED WARM | 24 2400K* *99-CR11A,15A, and15Conly] 27 2700K 30 3000K 35 3500K 40 4000K WL 2700K - 1800K WD 3000K - 1800K | | 04 Soft Focus Lens* * (Required for 10* Optic) ALTERNATE MEDIA 01 Honeycomb Louver* * (Not available for IP44 Wet Location, or Adjustable Fixtures) 02 Clear Glass Lens 03 Frosted Glass Lens 05 Frosted Soft Focus Lens 06 Frosted Linear Spread Lens 07 Wide Distribution Lens* 108 Adjustable Honeycomb Louver and Soft Focus Lens 109 Adjustable Honeycomb Louver and Soft Focus Lens* * (Not available for IP64 * | INTEGRAL DRIVER IC C NC NIC AT IC, Artight* Tate 24 compliant housing) CP IC, CCEA Chicago Plenum REMOTE DRIVER IR IC NR NIC AR IC, Airtight* * (Airtight & Tate 24 compliant housing) CR IC, CCEA Chicago Plenum Plenum REMOTE REMOTE REMOTE REMOTE REMOTE REMOTE REMOTE DRIVER IR IC AIR IC, AIRTIGHT* * (Airtight & Tate 24 compliant housing) CR IC, CCEA Chicago Plenum | 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-6-rid applications] G 1.375" -2.125" * [Adjustable only available for 10° and 15° optic. Includes adjustable housing height bracket, recommended for 10° and 15° optic. Includes adjustable housing height bracket, recommended for T-6-rid applications. Not available for Wallwash 90T15B or 90T22B) | PH1 Forward / Reverse Phase, 2%, 120/* *(Not avaitable for 30Wor 36W)] 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% DALI-2, LOG, 120V-277V LP1 Lutron, Hi-Lume Premier Ecosystem 0.1% Fade to Black, 120V or 277V* *(Not avaitable for 30W or 36W) AS1 / Athena Control eldoLED, SOLOdrive 0.1%, 120V-277V* *(Inctudes Athena Node. Extended lead time, consult factory. ASR inctudes EM Shunt) CS1 / Casambi Control eldoLED, SOLOdrive 0.1%, 120V-277V* *(Inctudes Casambi Node. Extended lead time, consult factory. CSR inctudes EM Shunt) |
| Pov | (WH) White wder Coat (AU) hmere Gold wder Coat | Powde (B Burnt I | ral Bronze S er Coat Po B) Bronze | (AG) atin Silver wder Coat (BK) Black owder Coat | TUNABLE WHITE 90T 90+ | DIM PROFILE COMPARISON. TUNABLE WHITE 15B 15W Warm Profile: 4000K - 1800K 1209 Lm Cool Profile: 5000K - 2700K 1198 Lm 22B 22W Warm Profile: 4000K - 1800K 1696 Lm Cool Profile: 5000K - 2700K 1680 Lm LUMEN DELIVERED OUTPUTS AND T24 COMPLIANCE REFLECT 80+ CCRI 3000K PAIRED WITH 25° OPTIC AND SOFT FOCUS LENS | TR 4000K - 1800K - TH 5000K - 2700K | | Wet Location, 21W or 22W, or Fixed Fixtures) NL No Lens * * (Not available for IP64 Wet Location) | | | TUNABLE WHITE POWER SUPPLIES (120-277V) D61 eldoLED, DUALdrive 0.1% 0-10V, LOG DN1 eldoLED, DUALdrive 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

Walnut

(W2)

Lucifer Lighting

Maple

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

ACCESSORIES

ROUND / SQUARE TRANSITIONAL ALTERNATE MEDIA Dry/Damp location only. Wet location requires alternate baffle. ☐ CGL-F4RD Clear Glass Lens

☐ FGL-F4RD Frosted Glass Lens ☐ **SFL-F4RD** Soft Focus Lens ☐ FSFL-F4RD Frosted Soft Focus Lens

□ WDL-F4RD Wide Distribution Lens* * (Required and only available for 85° beam spread) ☐ FLSL-F4RD Frosted Linear Spread Lens

SQUARE ALTERNATE MEDIA

Dry/Damp location only.

Wet location requires alternate baffle.

□ CGL-F4SD Clear Glass Lens ☐ FGL-F4SD Frosted Glass Lens ☐ SFL-F4SD Soft Focus Lens

☐ FSFL-F4SD Frosted Soft Focus Lens □ WDL-F4SD Wide Distribution Lens*

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

☐ FLSL-F4SD 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, or Fixed

REPLACEMENT BAFFLE ASSEMBLY (INCLUDES MEDIA)

| ASSEMBLY | SHAPE | RATING | FINISH | MEDIA |
|-----------------------------------|--|---|---|---|
| RBA . | - | - | - | - |
| REPLACEMENT BAFFLE ASSEMBLY | F3RD Round Deep Regress F3SD Square Deep Regress F3TD Square Transitional Deep 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) 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 80° optic) NL No Lens * *(Not available for IP64 Wet Location) |

REPLACEMENT OPTICS

Interchangeable optics accessible through fixture aperture.

| STATIC WI | HITE | WAR | M DIM | TUNABL | E WHITE |
|-------------------------|-------|--------------|-----------|--------------|-----------|
| □ RO-50-15-S 15° | optic | □ R0-50-15-W | 15° optic | □ R0-50-15-T | 15° optic |
| □ RO-50-20-S 20° | | □ R0-50-20-W | 20° optic | □ R0-50-20-T | |
| □ RO-50-25-S 25° | optic | □ R0-50-25-W | 25° optic | ☐ R0-50-25-T | 25° optic |
| □ RO-50-40-S 40° | | □ R0-50-40-W | 40° optic | ☐ R0-50-40-T | 40° optic |
| □ RO-50-60-S 60° | optic | □ R0-50-60-W | 60° optic | ☐ R0-50-60-T | 60° optic |

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".

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

□ DHA-TG-KIT

REPLACEMENT APPLIQUÉ

□ DLA-APP-F4RD Round, Deep Regress □ DLA-APP-F4SD Square, Deep Regress

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.



As part of its policy of continuous research and product development, the company

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

pg. 2





JA8-2022 INDICATED BY SHADING

| PACKAGE | WATTS | | PTIC ENS | | PTIC CUS LENS | | OPTIC CUS LENS | | PTIC CUS LENS | | PTIC CUS LENS | | PTIC CUS LENS | | PTIC RIBUTION |
|------------------------|-------|-------|-------------|-------|------------------|-------|-------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|
| TACKACL | WAITS | 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 / C | 15 | 540 | 36 | 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 / C | 15 | 465 | 31 | 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 / C | 15 | 401 | 26 | 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 |
| 90L15A (WL 27K-18K) | 15 | - | - | 1020 | 68 | 1152 | 105 | 1123 | 102 | 1045 | 95 | 1170 | 106 | 1010 | 92 |
| 90L15A (WD 30K-18K) | 15 | - | - | 1047 | 70 | 1178 | 107 | 1150 | 105 | 1062 | 97 | 1178 | 107 | 1015 | 92 |
| 90L22A (WL 27K-18K) | 22 | - | - | 1322 | 60 | 1493 | 68 | 1455 | 66 | 1354 | 62 | 1516 | 69 | 1309 | 59 |
| 90L22A (WD 30K-18K) | 22 | - | - | 1399 | 64 | 1573 | 72 | 1536 | 70 | 1419 | 64 | 1573 | 72 | 1356 | 62 |
| 90L30A (WL 27K-18K) | 30 | - | - | 1516 | 51 | 1712 | 57 | 1669 | 56 | 1553 | 52 | 1739 | 58 | 1501 | 50 |
| 90L30A (WD 30K-18K) | 30 | - | - | 1620 | 54 | 1823 | 61 | 1779 | 59 | 1643 | 55 | 1823 | 61 | 1570 | 52 |
| 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 | 1576 | 72 | 1504 | 68 | 1374 | 62 | 1696 | 77 | 1394 | 63 |
| 90T22B (50K-27K) | 22 | - | - | 1483 | 67 | 1561 | 71 | 1491 | 68 | 1362 | 62 | 1680 | 76 | 1381 | 63 |

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 | 28° | 22° | 15° | 12° | 5° | <5° | <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

| OUTPOT MOLTIPLIER | | | | | | | | |
|-------------------|-----------|--|--|--|--|--|--|--|
| ССТ | CCT SCALE | | | | | | | |
| 2400K | 0.85 | | | | | | | |
| 2700K | 0.97 | | | | | | | |
| 3000K | 1.00 | | | | | | | |
| 3500K | 1.03 | | | | | | | |
| 4000K | 1.08 | | | | | | | |

TUNABLE WHITE MULTIPLIER

| 1010.022 1111121102111 2:2:1 | | | | | | | | | | |
|------------------------------|---------------------------------------|--|--|--|--|--|--|--|--|--|
| 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 LOSS FACTOR |
|---------|----------------------|
| NO LENS | 1.06 |
| CGL | 1.00 |
| SFL | 1.00 |
| FGL | 0.89 |
| FSFL | 0.81 |
| FLSL | 0.82 |
| HCL | 0.73 |



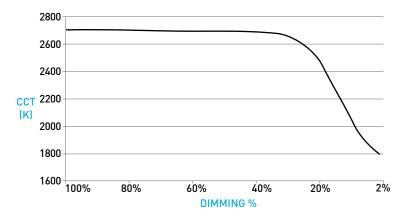
WARM DIM PERFORMANCE - 60° OPTIC - SOFT FOCUS LENS

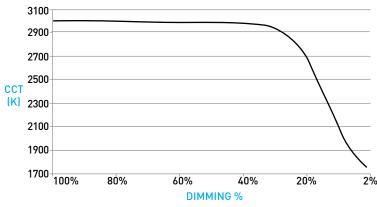
INCANDESCENT PROFILE

| 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) | 1123 | 898 | 786 | 562 | 225 | 112 | 22 |
| Power (W) | 15 | 12 | 10.5 | 7.5 | 3 | 1.5 | 0.3 |
| Efficacy (LPW) | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| 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) | 1455 | 1164 | 1019 | 728 | 291 | 146 | 29 |
| Power (W) | 22 | 17.6 | 15.4 | 11 | 4.4 | 2.2 | 0.4 |
| Efficacy (LPW) | 66 | 66 | 66 | 66 | 66 | 66 | 66 |
| 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) | 1669 | 1335 | 1168 | 835 | 334 | 167 | 33 |
| Power (W) | 30 | 24 | 21 | 15 | 6 | 3 | 0.6 |
| Efficacy (LPW) | 56 | 56 | 56 | 56 | 56 | 56 | 56 |

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) | 1150 | 920 | 805 | 575 | 230 | 115 | 23 |
| Power (W) | 15 | 12 | 10.5 | 7.5 | 3 | 1.5 | 0.3 |
| Efficacy (LPW) | 77 | 77 | 77 | 77 | 77 | 77 | 77 |
| 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) | 1536 | 1229 | 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 |
| 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) | 1779 | 1423 | 1245 | 890 | 356 | 178 | 36 |
| Power (W) | 30 | 24 | 21 | 15 | 6 | 3 | 0.6 |
| Efficacy (LPW) | 59 | 59 | 59 | 59 | 59 | 59 | 59 |





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

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

Provided with 10° optic, includes honeycomb louver. 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.

(1) EFFECTS DEVICES / LENS RETAINER

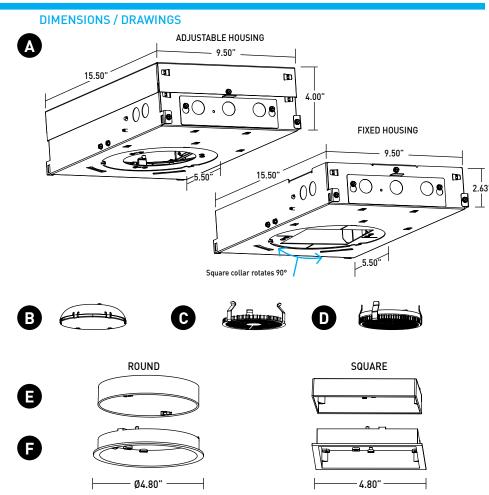
Fixture is limited to 1 effects device installed on the baffle, see Section D for Adjustable HCL assembly. Wet location effects device is sealed in place on baffle, suction tool provided for removal of baffle. Lens retainer allows effects devices to be changed in Dry /Damp locations.

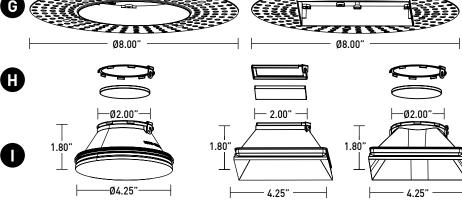
ROUND / SQUARE BAFFLE

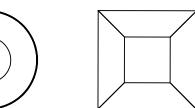
Die-cast removable baffle provides easy access to adjustment mechanisms for tilt and rotation. Features 60° glare cutoff, minimizing aperture glare and concealing view into housing. Includes gasket, mitigating light leak.

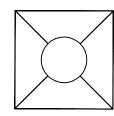
SQUARE TRANSITIONAL BAFFLE

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.











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 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.

M 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 22° tilt and 25° at 12° tilt. 1° tilt increments with 5° indicators, tilt guide included.

TRIMLESS MILLWORK PROFILE / SPACERS

No visible flange installs totally flush with millwork

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.

P 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

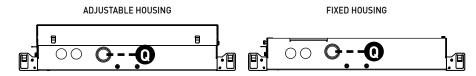
Controls integrated into housing or remote driver assembly. All equipment is serviceable.

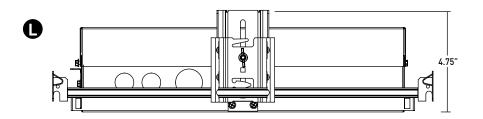
R ATHENA / CASAMBI EM SHUNT

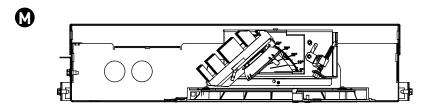
Included with drivers specified as ASR, ADR, CSR, or CDR. One required for each wireless EM fixture, requires class 2 control wiring between fixture and shunt. Features integrated test switch.

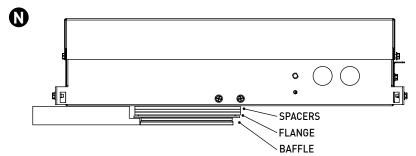
Model Number: PS-RMT-SHUNT

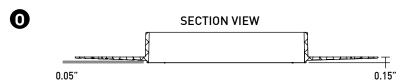


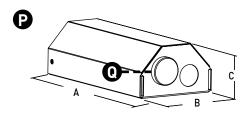




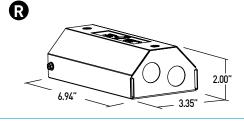


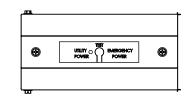






| | Α | В | С |
|------------------|-------|-------|-------|
| STATIC WHITE / | 6.94" | 3 35" | 2 00" |
| WARM DIM | 6.74 | 3.33 | 2.00 |
| TUNABLE WHITE | 8.10" | 5.00" | 2.00" |
| ATHENA / CASAMBI | 8.10" | 5.00" | 2 00" |
| CONTROLLED | 0.10 | 5.00 | 2.00 |







TECHNICAL

CONSTRUCTION

Downlight: Painted finishes are granulated powder coat.

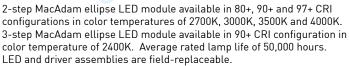
Housing: Aluminum and 22 Gauge galvanized steel. Extruded aluminum

housing panel to act as heat-sink.

Remote Power Supply: 22 Gauge galvanized steel.

Appliqué: Zinc Alloy

STATIC WHITE LED





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' |

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.

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 duy 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

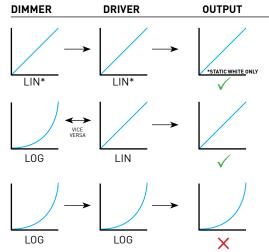
| Power supply LP1 Lutron Product Family | Part No. | | |
|---|----------------------------|--|--|
| PowPak Dimming Modules | RMJ-EC032-DV-B | | |
| PowPak Dimming Modules | FCJ/FCJS-ECO | | |
| Energi Savr Nodes | QSN-1ECO-S | | |
| GRAFIK Eye QS control unit Homeworks QS control unit | QSN-2ECO-S |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

LUTRON 2016 OEM ADVANTAGE ACCOUNT

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