

Xd20 | AA

ARTICULATING ARM | 2.5-IN TRACK MOUNT COVE FIXTURE

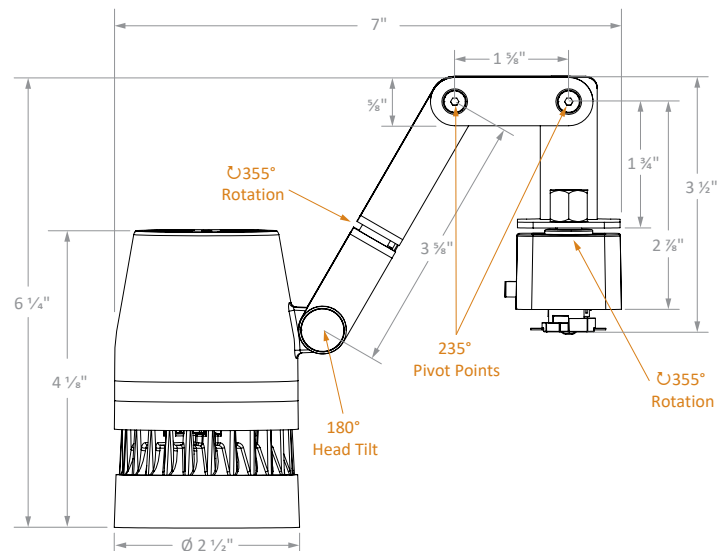
- Made-to-order product*
 - Designed for use with trough or cove track systems
 - 355° rotation; 0-90° head tilt; 2-point articulating arm
 - 120 V
 - 50,000 hours (L70)
 - Integrated driver
 - UL certified for dry locations
 - RoHs-compliant
 - Power on-off switch on adapters
 - 0-10 V*, Triac and ELV dimming; compatibility list available
 - Various mounting options
 - J-type, L-type, H-type: 1-circuit=1-neutral; Low profile adapter
 - G-type: 2-circuit=2-neutral; Compatible with Nordic TEK
 - Gx-type*: 3-circuit=1-neutral; Compatible with XTS, XTSC, GNC7, Hoffmeister, EUTRAC, iGuzzini, Zumtobel, ERCO
 - VioLight and *MonoWhite color rendering enhancements available
 - * 90+ High CRI available.
- To order, replace 'K' in CCT designation with 'h' in code below



Ordering Information

Example: Xd20/25m/30K/1450/WH/aaJ/HL

| Fixture | Beam Spread | CCT / Lumens | Housing Color | Adjustable Arm Track Type | Options |
|-------------|------------------|--------------|---------------------|---------------------------|----------------------------|
| Xd20 | COB-optic | 25K* / 1000 | WH - White | | TS - Tapered Snoot |
| | 15c | 27K / 1050 | SV - Silver | aaJ | HL - Honeycomb Louver |
| | 25c | 30K / 1100 | BK - Black | aaL | SL - Linear Spread |
| | 40c | 30m* / 1100 | PW* - Perfect White | aaH | SP - Prismatic Spread |
| | 60c | 35K* / 1100 | | aaG* | SS - Solite Spread |
| | | 35m* / 1100 | | aaGx* | SF - Frosted Spread |
| | | 40K* / 1100 | | | More Accessories Available |
| | | 25K* / 1300 | | | |
| | | 27K / 1450 | | | |
| | | 30K / 1500 | | | |
| | | 30m* / 1500 | | | |
| | | 35K* / 1500 | | | |
| | | 35m* / 1500 | | | |
| | | 40K* / 1500 | | | |
| | | 25K* / 1800 | | | |
| | | 27K / 1900 | | | |
| | | 30K / 2000 | | | |
| | | 30m* / 2000 | | | |
| | | 35K* / 2000 | | | |
| | | 35m* / 2000 | | | |
| | 40K* / 2000 | | | | |
| Multi-optic | 27K / 1400 | | | | |
| 15m | 30K / 1450 | | | | |
| 25m | 30v / 1450 | | | | |
| 40m | 35K* / 1450 | | | | |
| 60m | 40K* / 1450 | | | | |
| Specialty | 27K / 750 | | | | |
| 10c | 30K / 750 | | | | |
| Dim-to-Warm | (2700K to 1800K) | | | | |
| 25c | D27 / 1300 | | | | |
| 40c | | | | | |



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PROJECT _____

TYPE _____

SPECIFICATION _____

PHOTOMETRIC DETAILS | baseline X output multiplier X cri-cct multiplier = final output

COB OPTIC: Baseline for 23 W, 2000 lumens, 80+ CRI, 3000K

Xd20/10c/30K/750

Input Power: 11.2 W
Lumens: 749 lm
Efficacy: 67 lm/W
CBCP: 11648
Beam Angle: 10.6°
Field Angle: 20.8°
Spacing Criteria: 0.19

| ∠ | 0° | 45° | 90° |
|-----|-------|-------|-------|
| 0° | 11648 | 11648 | 11648 |
| 5° | 6264 | 6089 | 5926 |
| 10° | 1275 | 1202 | 1208 |
| 15° | 502 | 487 | 477 |
| 20° | 215 | 210 | 202 |
| 25° | 97 | 96 | 93 |
| 30° | 54 | 56 | 52 |
| 35° | 35 | 34 | 31 |
| 40° | 21 | 20 | 19 |
| 45° | 10 | 9 | 10 |

Xd20/15c/30K/2000

Input Power: 22.7 W
Lumens: 1978 lm
Efficacy: 87 lm/W
CBCP: 15892
Beam Angle: 16.2°
Field Angle: 33.7°
Spacing Criteria: 0.28

| ∠ | 0° | 45° | 90° |
|-----|-------|-------|-------|
| 0° | 15871 | 15871 | 15871 |
| 5° | 12935 | 12636 | 12231 |
| 10° | 5971 | 5675 | 5433 |
| 15° | 2207 | 2176 | 2116 |
| 20° | 1027 | 977 | 936 |
| 25° | 484 | 473 | 436 |
| 30° | 246 | 252 | 230 |
| 35° | 157 | 157 | 146 |
| 40° | 122 | 115 | 109 |
| 45° | 106 | 99 | 88 |

Xd20/25c/30K/2000

Input Power: 22.8 W
Lumens: 1821 lm
Efficacy: 80 lm/W
CBCP: 6729
Beam Angle: 23.3°
Field Angle: 50.4°
Spacing Criteria: 0.41

| ∠ | 0° | 45° | 90° |
|-----|------|------|------|
| 0° | 6729 | 6729 | 6729 |
| 5° | 5937 | 5855 | 5779 |
| 10° | 4081 | 3975 | 3895 |
| 15° | 2348 | 2291 | 2231 |
| 20° | 1274 | 1228 | 1203 |
| 25° | 710 | 683 | 676 |
| 30° | 427 | 411 | 404 |
| 35° | 280 | 270 | 265 |
| 40° | 198 | 189 | 187 |
| 45° | 135 | 124 | 124 |

Xd20/40c/30K/2000

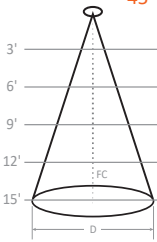
Input Power: 22.4 W
Lumens: 1823 lm
Efficacy: 81 lm/W
CBCP: 3312
Beam Angle: 39.7°
Field Angle: 72.4°
Spacing Criteria: 0.72

| ∠ | 0° | 45° | 90° |
|-----|------|------|------|
| 0° | 3310 | 3310 | 3310 |
| 5° | 3180 | 3206 | 3216 |
| 10° | 2795 | 2843 | 2868 |
| 15° | 2227 | 2283 | 2320 |
| 20° | 1591 | 1636 | 1682 |
| 25° | 1021 | 1047 | 1095 |
| 30° | 603 | 618 | 655 |
| 35° | 347 | 355 | 378 |
| 40° | 207 | 212 | 224 |
| 45° | 131 | 133 | 140 |

Xd20/60c/30K/2000

Input Power: 22.9 W
Lumens: 1990 lm
Efficacy: 87 lm/W
CBCP: 1121
Beam Angle: 53.3°
Field Angle: 91.4°
Spacing Criteria: 1.00

| ∠ | 0° | 45° | 90° |
|-----|------|------|------|
| 0° | 1118 | 1118 | 1118 |
| 5° | 1089 | 1085 | 1076 |
| 10° | 1030 | 1018 | 997 |
| 15° | 937 | 922 | 887 |
| 20° | 799 | 770 | 737 |
| 25° | 632 | 598 | 576 |
| 30° | 460 | 431 | 414 |
| 35° | 308 | 287 | 279 |
| 40° | 201 | 187 | 180 |
| 45° | 126 | 117 | 108 |



| | | | | | |
|-----|-----------------|------------------|-----------------|-----------------|----------------|
| 3' | 0.56' D; 906 FC | 0.85' D; 1234 FC | 1.23' D; 523 FC | 2.16' D; 257 FC | 3.01' D; 87 FC |
| 6' | 1.11' D; 227 FC | 1.70' D; 309 FC | 2.47' D; 131 FC | 2.47' D; 64 FC | 6.02' D; 22 FC |
| 9' | 1.67' D; 101 FC | 2.55' D; 137 FC | 3.70' D; 58 FC | 6.49' D; 29 FC | 9.03' D; 10 FC |
| 12' | 2.23' D; 57 FC | 3.41' D; 77 FC | 4.94' D; 33 FC | 8.65' D; 16 FC | 12.04' D; 5 FC |
| 15' | 2.78' D; 36 FC | 4.26' D; 49 FC | 6.17' D; 21 FC | 10.82' D; 10 FC | 15.06' D; 4 FC |

MULTI-OPTIC: Baseline for 16 W, 1450 lumens, 80+ CRI, 3000K

Xd20/15m/30K/1450

Input Power: 16.2 W
Lumens: 1595 lm
Efficacy: 98 lm/W
CBCP: 18848
Beam Angle: 12.7°
Field Angle: 28.0°
Spacing Criteria: 0.22

| ∠ | 0° | 45° | 90° |
|-----|-------|-------|-------|
| 0° | 18848 | 18848 | 18848 |
| 5° | 11986 | 12047 | 12378 |
| 10° | 4597 | 4761 | 4865 |
| 15° | 1318 | 1708 | 1443 |
| 20° | 449 | 521 | 469 |
| 25° | 227 | 262 | 235 |
| 30° | 165 | 172 | 160 |
| 35° | 102 | 112 | 106 |
| 40° | 70 | 76 | 83 |
| 45° | 37 | 34 | 36 |

Xd20/25m/30K/1450

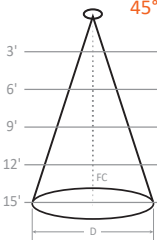
Input Power: 16.1 W
Lumens: 1525 lm
Efficacy: 95 lm/W
CBCP: 5928
Beam Angle: 26.1°
Field Angle: 49.2°
Spacing Criteria: 0.46

| ∠ | 0° | 45° | 90° |
|-----|------|------|------|
| 0° | 5928 | 5928 | 5928 |
| 5° | 5307 | 5357 | 5371 |
| 10° | 3847 | 3970 | 4026 |
| 15° | 2233 | 2393 | 2486 |
| 20° | 1081 | 1179 | 1266 |
| 25° | 501 | 554 | 600 |
| 30° | 247 | 278 | 298 |
| 35° | 134 | 152 | 160 |
| 40° | 82 | 89 | 91 |
| 45° | 48 | 54 | 55 |

Xd20/40m/30K/1450

Input Power: 16.2 W
Lumens: 1434 lm
Efficacy: 89 lm/W
CBCP: 2886
Beam Angle: 38.2°
Field Angle: 69.9°
Spacing Criteria: 0.69

| ∠ | 0° | 45° | 90° |
|-----|------|------|------|
| 0° | 2886 | 2886 | 2886 |
| 5° | 2813 | 2786 | 2753 |
| 10° | 2422 | 2405 | 2364 |
| 15° | 1922 | 1923 | 1882 |
| 20° | 1409 | 1408 | 1385 |
| 25° | 902 | 915 | 905 |
| 30° | 513 | 532 | 524 |
| 35° | 282 | 292 | 291 |
| 40° | 155 | 161 | 161 |
| 45° | 83 | 84 | 84 |



| | | | |
|-----|------------------|-----------------|-----------------|
| 3' | 0.67' D; 1466 FC | 1.39' D; 461 FC | 2.08' D; 225 FC |
| 6' | 1.33' D; 367 FC | 2.78' D; 115 FC | 4.16' D; 56 FC |
| 9' | 2' D; 163 FC | 4.17' D; 51 FC | 6.23' D; 25 FC |
| 12' | 2.66' D; 92 FC | 5.56' D; 29 FC | 8.31' D; 14 FC |
| 15' | 3.33' D; 59 FC | 6.95' D; 18 FC | 10.39' D; 9 FC |

CRI-CCT MULTIPLIER

| CRI | CCT | Multiplier |
|---------------|--------------|------------|
| 8 (80+) | 2200K | 0.86 |
| | 2500K | 0.91 |
| | 2700K | 0.96 |
| | 3000K | 1.00 |
| | 3500K | 1.03 |
| 9 (90+) | 4000K | 1.05 |
| | 2200K | 0.70 |
| | 2500K | 0.77 |
| | 2700K | 0.83 |
| M (MonoWhite) | 3000K | 0.86 |
| | 3500K | 0.88 |
| | V (VioLight) | 3000K |

OUTPUT MULTIPLIER

| Package | Multiplier |
|--------------------------------------|------------|
| 17 W 1500 lm Xd20 COB-optic | 0.82 |
| 13 W 1100 lm Xd20 COB-optic | 0.77 |

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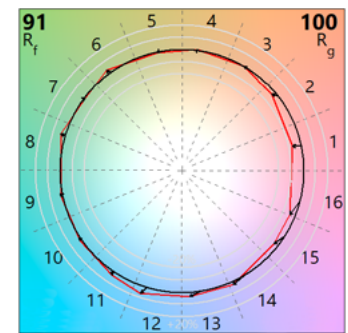
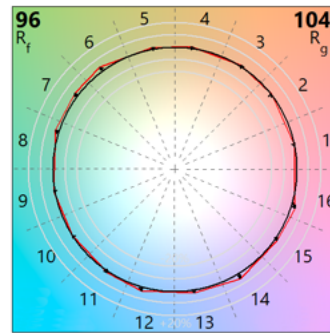
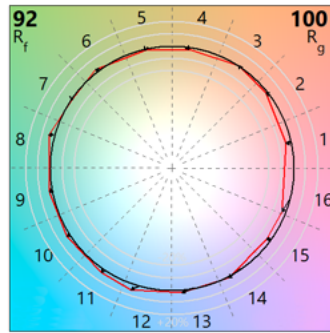
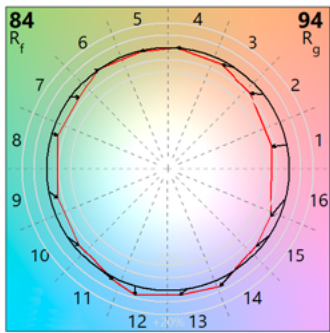
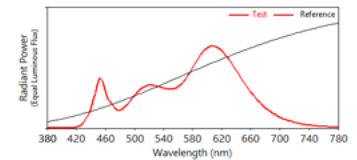
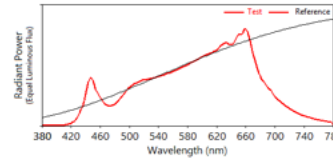
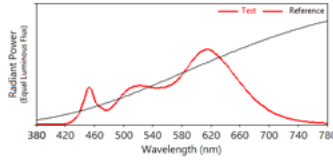
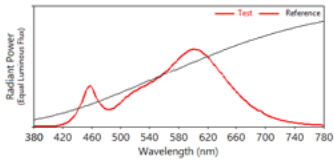
PROJECT _____

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SPECIFICATION _____

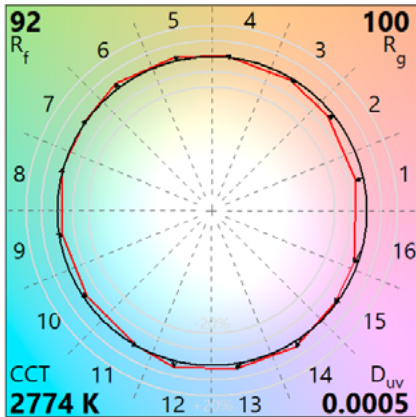
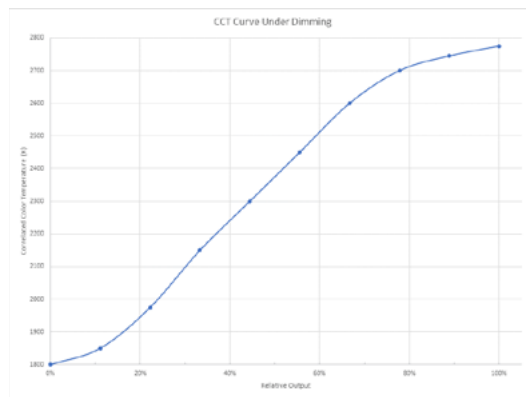
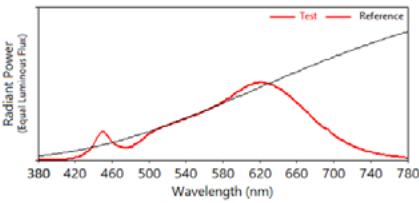
TM30 COLOR REPORTS

- 3000K with 80+ CRI
 - $R_f = 84$; $R_g = 94$
 - $R_A = 82$; $R_9 = 11$
- 3000K with 90+ CRI
 - $R_f = 92$; $R_g = 100$
 - $R_A = 93$; $R_9 = 56$
- 3000K with 97+ CRI
 - $R_f = 96$; $R_g = 104$
 - $R_A = 97$; $R_9 = 98$
- 3000K with MonoWhite
 - $R_f = 91$; $R_g = 100$
 - $R_A = 91$; $R_9 = 42$



DIM TO WARM DETAILS | Dim to warm only available with 25° and 40° beam spreads; 90+CRI

- 2700K to 1800K with 90+ CRI
 - $R_f = 92$; $R_g = 100$
 - $R_A = 93$; $R_9 = 57$



Xd20/25c/D27/1300

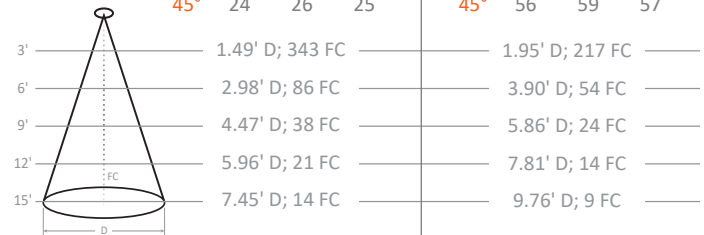
Input Power: 18.3 W
 Lumens: 1277 lm
 Efficacy: 70 lm/W
 CBCP: 4427
 Beam Angle: 27.9°
 Field Angle: 53.1°
 Spacing Criteria: 0.50

| ∠ | 0° | 45° | 90° |
|-----|------|------|------|
| 0° | 4410 | 4410 | 4410 |
| 5° | 4262 | 4250 | 4150 |
| 10° | 3388 | 3404 | 3243 |
| 15° | 2218 | 2252 | 2097 |
| 20° | 1234 | 1269 | 1166 |
| 25° | 609 | 624 | 577 |
| 30° | 312 | 314 | 289 |
| 35° | 152 | 151 | 141 |
| 40° | 66 | 69 | 65 |
| 45° | 24 | 26 | 25 |

Xd20/40c/D27/1300

Input Power: 18.3 W
 Lumens: 1247 lm
 Efficacy: 68 lm/W
 CBCP: 2806
 Beam Angle: 36.1°
 Field Angle: 65.9°
 Spacing Criteria: 0.50

| ∠ | 0° | 45° | 90° |
|-----|------|------|------|
| 0° | 2796 | 2796 | 2796 |
| 5° | 2742 | 2744 | 2713 |
| 10° | 2432 | 2448 | 2398 |
| 15° | 1867 | 1906 | 1849 |
| 20° | 1247 | 1298 | 1252 |
| 25° | 749 | 787 | 758 |
| 30° | 423 | 443 | 426 |
| 35° | 231 | 241 | 231 |
| 40° | 116 | 122 | 118 |
| 45° | 56 | 59 | 57 |



WARNING: Not for use in fully enclosed luminaires. Risk of electric shock. Use in an indoor, dry location only. This device is not intended for use with emergency exit fixtures or emergency exit lights. May not be compatible with all dimmers; please visit solais.com/dimming for up-to-date dimmer compatibility information.
NOTES: This device complies with Part 15 of the FCC Rule. This product may cause interference with other devices. If interference occurs, change the locations of the products involved. **Compatible on 120v systems.**