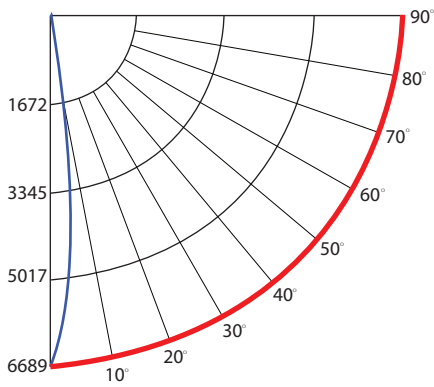
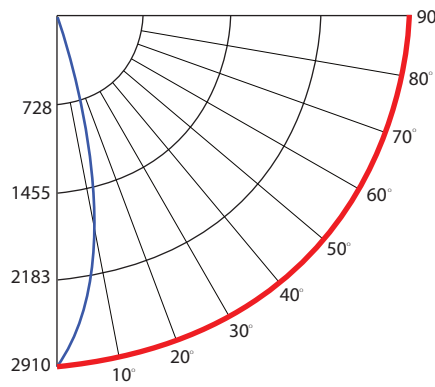


Photometrics
OUTPUT PERFORMANCE

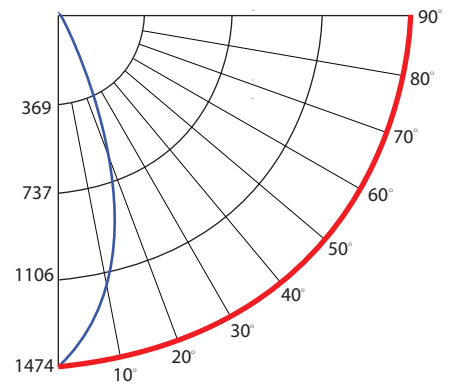
IES INDOOR REPORT
11246-8W-A15-30K.IES
Pull Down & Gimbal LED
Module Only 3000K
CCT / 87 CRI / 550 Lms


OUTPUT PERFORMANCE

IES INDOOR REPORT
11246-8W-A25-30K.IES
Pull Down & Gimbal LED
Module Only 3000K
CCT / 87 CRI / 500 Lms


OUTPUT PERFORMANCE

IES INDOOR REPORT
11246-8W-A38-30K.IES
Pull Down & Gimbal LED
Module Only 3000K
CCT / 87 CRI / 500 Lms


LUMINANCE DATE (cd/sq.m)

| Angle In Degrees | Average 0° | Average 45° | Average 90° |
|------------------|------------|-------------|-------------|
| 45 | 5950 | 5950 | 6320 |
| 55 | 6287 | 6287 | 6264 |
| 65 | 8533 | 8533 | 6221 |
| 75 | 20319 | 20319 | 20319 |
| 85 | 49996 | 49996 | 49996 |

LUMINANCE DATE (cd/sq.m)

| Angle In Degrees | Average 0° | Average 45° | Average 90° |
|------------------|------------|-------------|-------------|
| 45 | 6320 | 6320 | 6320 |
| 55 | 6264 | 6264 | 6264 |
| 65 | 6221 | 6221 | 6221 |
| 75 | 19637 | 19637 | 19637 |
| 85 | 50272 | 50272 | 50272 |

LUMINANCE DATE (cd/sq.m)

| Angle In Degrees | Average 0° | Average 45° | Average 90° |
|------------------|------------|-------------|-------------|
| 45 | 11401 | 11401 | 11401 |
| 55 | 9167 | 9167 | 9167 |
| 65 | 12026 | 12026 | 12026 |
| 75 | 10834 | 10834 | 10834 |
| 85 | 10054 | 10054 | 10054 |

ZONAL LUMEN SUMMARY

| Zone | Lumens |
|-----------|--------|
| 0 - 10 | 355.03 |
| 10 - 20 | 128.56 |
| 20 - 30 | 31.63 |
| 30 - 40 | 10.33 |
| 40 - 50 | 4.54 |
| 50 - 60 | 4.36 |
| 60 - 70 | 5.12 |
| 70 - 80 | 7.17 |
| 80 - 90 | 6.57 |
| 90 - 100 | .15 |
| 100 - 110 | .0 |

ZONAL LUMEN SUMMARY

| Zone | Lumens |
|-----------|--------|
| 0 - 10 | 223.79 |
| 10 - 20 | 225.33 |
| 20 - 30 | 22.58 |
| 30 - 40 | 6.53 |
| 40 - 50 | 3.9 |
| 50 - 60 | 3.48 |
| 60 - 70 | 3.47 |
| 70 - 80 | 6.07 |
| 80 - 90 | 5.34 |
| 90 - 100 | 2.22 |
| 100 - 110 | .02 |

ZONAL LUMEN SUMMARY

| Zone | Lumens |
|-----------|--------|
| 0 - 10 | 128.16 |
| 10 - 20 | 248.02 |
| 20 - 30 | 86.25 |
| 30 - 40 | 10.37 |
| 40 - 50 | 6.91 |
| 50 - 60 | 5.56 |
| 60 - 70 | 5.61 |
| 70 - 80 | 3.44 |
| 80 - 90 | 1.23 |
| 90 - 100 | 1.91 |
| 100 - 110 | 2.72 |
| 110 - 120 | .17 |