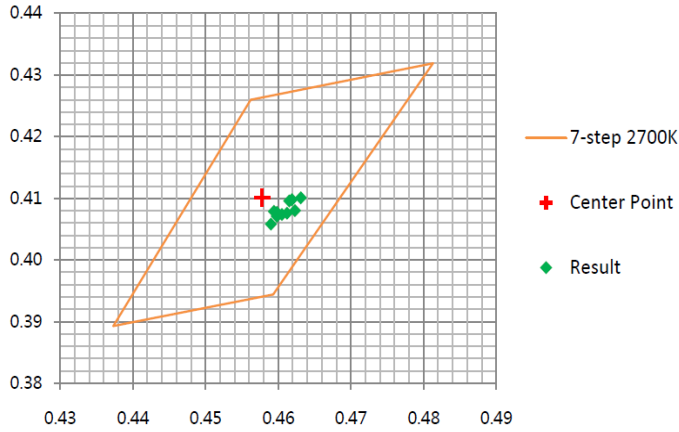


Company: RAB Lighting Inc.
 Model Name: PAR30S-11-827-40D-DIM

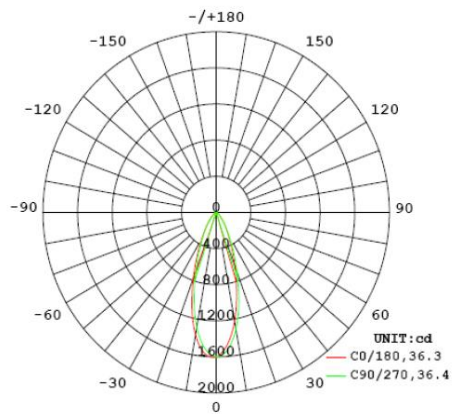
Initial Photometric and Electrical

| Model Name | Voltage(V) | Current(A) | Power(W) | Power Factor | Luminous Flux(lm) | Efficacy(lm/W) | CCT(K) |
|-----------------------|------------|------------|----------|--------------|-------------------|----------------|----------|
| PAR30S-11-827-40D-DIM | 120 | 0.09312 | 10.45 | 0.9339 | 861.04 | 82.43 | 2674 |
| | Ra | R9 | Rf | Rg | x | y | Duv |
| | 91.9 | 56 | 90 | 99 | 0.4598 | 0.4071 | -0.00129 |

7-step chromaticity quadrangles per ANSI/ANSI C78.377-2015



Luminous Intensity Distribution Diagram



| Model Name | Orientation | Beam Angle (Deg) | CBCP (cd) |
|-----------------------|-------------|------------------|-----------|
| PAR30S-11-827-40D-DIM | VBU | 36.4 | 1605 |

Zonal Lumen Density

| Deg | Flux (lm) | % | Deg | Flux (lm) | % |
|------|-----------|-------|-------|-----------|--------|
| 0-5 | 37.2 | 4.25 | 0-95 | 874.6 | 99.85 |
| 0-10 | 138.0 | 15.76 | 0-100 | 874.6 | 99.85 |
| 0-15 | 274.2 | 31.30 | 0-105 | 874.6 | 99.85 |
| 0-20 | 412.8 | 47.12 | 0-110 | 874.6 | 99.85 |
| 0-25 | 532.8 | 60.83 | 0-115 | 874.6 | 99.85 |
| 0-30 | 626.9 | 71.57 | 0-120 | 874.6 | 99.85 |
| 0-35 | 697.8 | 79.67 | 0-125 | 874.6 | 99.85 |
| 0-40 | 750.1 | 85.64 | 0-130 | 874.7 | 99.86 |
| 0-45 | 787.5 | 89.91 | 0-135 | 874.7 | 99.86 |
| 0-50 | 814.0 | 92.93 | 0-140 | 874.8 | 99.87 |
| 0-55 | 832.5 | 95.05 | 0-145 | 875.0 | 99.89 |
| 0-60 | 845.8 | 96.56 | 0-150 | 875.1 | 99.91 |
| 0-65 | 855.6 | 97.68 | 0-155 | 875.3 | 99.93 |
| 0-70 | 863.1 | 98.54 | 0-160 | 875.5 | 99.96 |
| 0-75 | 868.6 | 99.17 | 0-165 | 875.7 | 99.98 |
| 0-80 | 872.3 | 99.59 | 0-170 | 875.8 | 99.99 |
| 0-85 | 874.2 | 99.80 | 0-175 | 875.9 | 100.00 |
| 0-90 | 874.6 | 99.85 | 0-180 | 875.9 | 100.00 |

| $\theta \backslash \phi$ | 0° | 90° | 180° | 270° |
|--------------------------|--------|--------|--------|--------|
| 0.0° | 1598.0 | 1598.0 | 1598.0 | 1598.0 |
| 5.0° | 1566.5 | 1512.0 | 1470.9 | 1524.5 |
| 10.0° | 1377.7 | 1291.8 | 1221.8 | 1314.3 |
| 15.0° | 1087.7 | 989.9 | 911.6 | 1014.2 |
| 20.0° | 773.5 | 691.9 | 627.9 | 702.9 |
| 25.0° | 517.1 | 463.2 | 414.5 | 461.8 |
| 30.0° | 332.0 | 302.2 | 270.7 | 292.0 |
| 35.0° | 216.1 | 196.8 | 175.1 | 185.5 |
| 40.0° | 140.0 | 126.5 | 113.0 | 117.8 |
| 45.0° | 90.9 | 81.1 | 73.3 | 74.9 |
| 50.0° | 59.2 | 51.9 | 47.7 | 47.0 |
| 55.0° | 38.7 | 33.7 | 31.6 | 31.3 |
| 60.0° | 26.3 | 23.3 | 22.0 | 22.2 |
| 65.0° | 18.8 | 16.7 | 16.1 | 16.4 |
| 70.0° | 13.8 | 12.0 | 11.6 | 12.2 |
| 75.0° | 9.7 | 8.2 | 7.8 | 8.6 |
| 80.0° | 6.1 | 4.6 | 4.2 | 5.2 |
| 85.0° | 2.7 | 1.5 | 1.2 | 2.1 |
| 90.0° | 0.2 | 0.0 | 0.0 | 0.0 |

| | | | | |
|--------|-----|-----|-----|-----|
| 95.0° | 0.0 | 0.0 | 0.0 | 0.0 |
| 100.0° | 0.0 | 0.0 | 0.0 | 0.0 |
| 105.0° | 0.0 | 0.0 | 0.0 | 0.0 |
| 110.0° | 0.0 | 0.0 | 0.0 | 0.0 |
| 115.0° | 0.0 | 0.0 | 0.0 | 0.0 |
| 120.0° | 0.0 | 0.0 | 0.0 | 0.0 |
| 125.0° | 0.1 | 0.1 | 0.1 | 0.0 |
| 130.0° | 0.1 | 0.1 | 0.1 | 0.1 |
| 135.0° | 0.2 | 0.2 | 0.2 | 0.1 |
| 140.0° | 0.4 | 0.4 | 0.3 | 0.2 |
| 145.0° | 0.6 | 0.7 | 0.4 | 0.4 |
| 150.0° | 0.9 | 1.0 | 0.5 | 0.5 |
| 155.0° | 1.2 | 1.2 | 0.6 | 0.6 |
| 160.0° | 1.4 | 1.4 | 0.6 | 0.6 |
| 165.0° | 1.4 | 1.4 | 0.6 | 0.6 |
| 170.0° | 1.3 | 1.3 | 0.6 | 0.6 |
| 175.0° | 1.1 | 1.1 | 0.7 | 0.7 |
| 180.0° | 0.9 | 0.9 | 0.9 | 0.9 |