

Scaled data based on original data using  
LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions

Brand: LUMARK

Report Number: P1445099

Luminaire Tested: XAS300-SFPM (5000K-240W-T3-HSS)

Issue Date: 5/5/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1445099  
TEST IS SCALED FROM IESNA LM-79-24 TEST DATA ( )  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 5/5/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: LUMARK  
Catalog Number: XAS300-SFPM (5000K-240W-T3-HSS)  
Description: XAS300 ALL-SELECTABLE AREA SITE LUMINAIRE.  
LUMEN OUTPUT - 80% (240W)  
OPTICS - TYPE 3 WITH HOUSE SIDE SHIELD  
Light Source: 5000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: 38376 (1 lamp)  
Luminaire Lumens: 31758 lumens  
Efficiency: 82.8%  
Efficacy: 128.1 lumens/watt  
Luminous Opening: Rectangular (W 0.32m x L: 0.46m x H: 0m)  
IES Classification: Type III - Short - Full Cutoff  
BUG Rating: B4 - U0 - G4

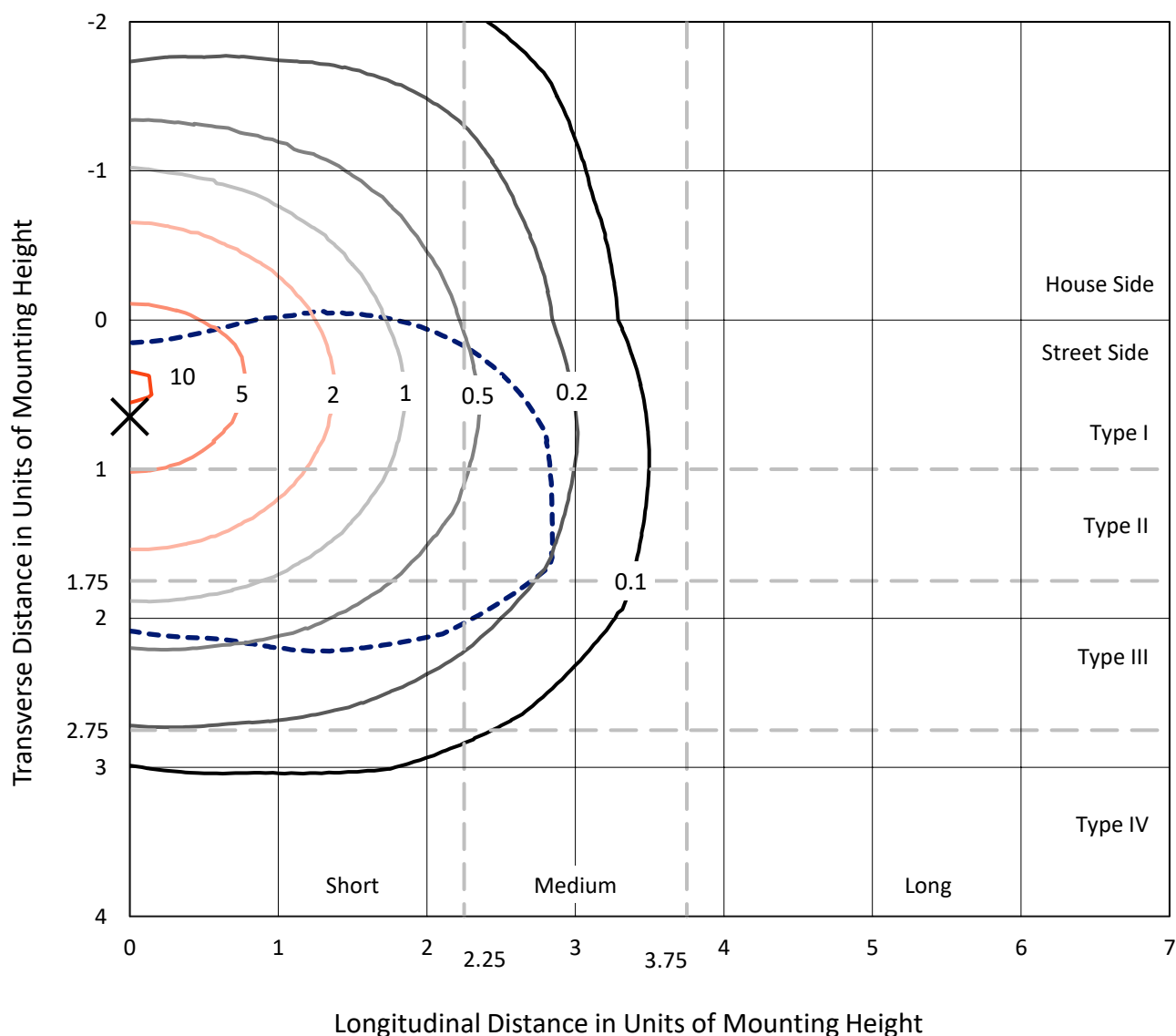
Input Watts (W): 248  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT

REPORT NUMBER: P1445099

CATALOG NUMBER: XAS300-SFPM (5000K-240W-T3-HSS)

## Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 --- 1/2 Max cd

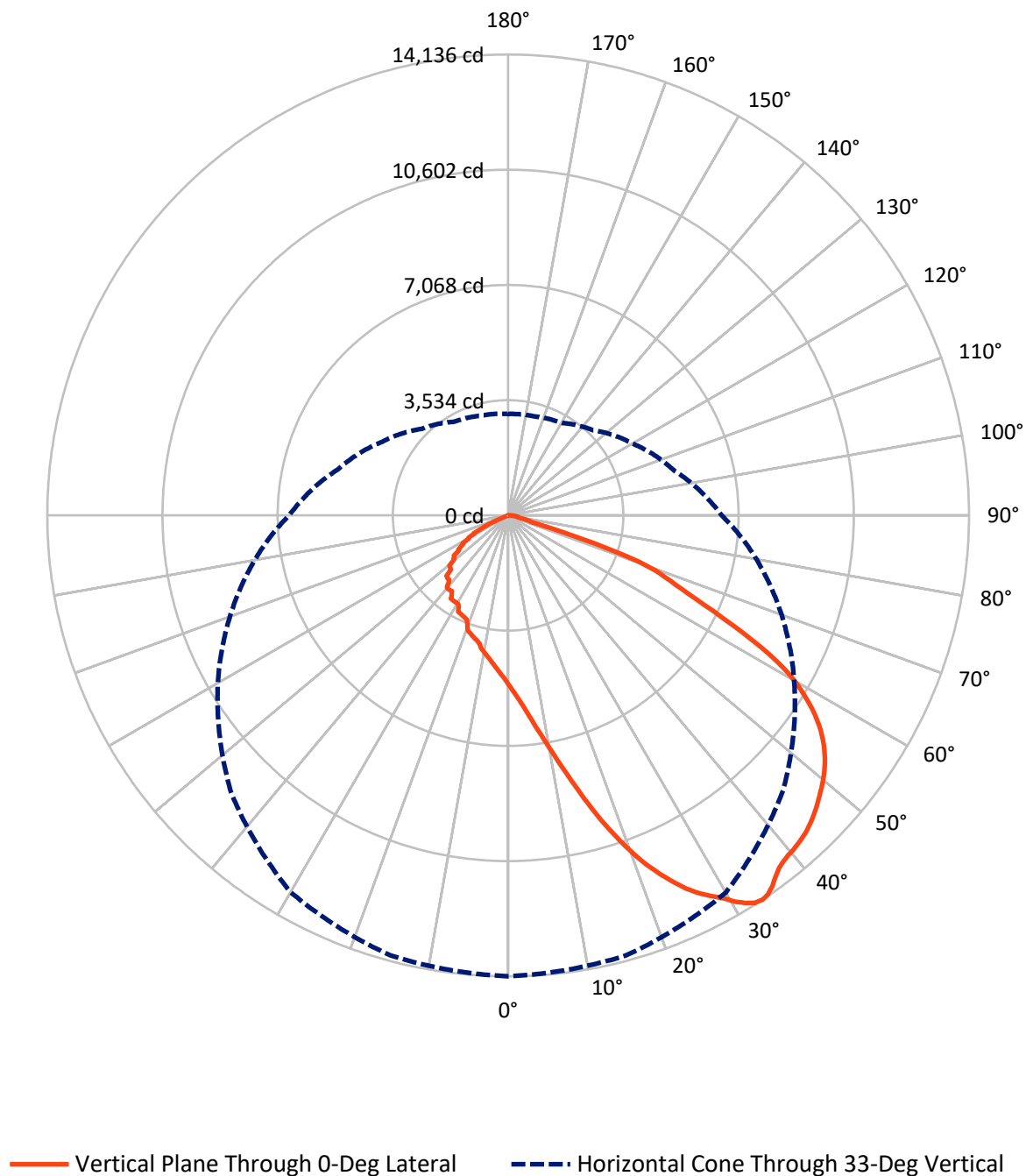


Based on 30 foot mounting height. Maximum calculated value = 10.4 fc  
 Type III - Short - Full Cutoff

REPORT NUMBER: P1445099

CATALOG NUMBER: XAS300-SFPM (5000K-240W-T3-HSS)

## Luminous Intensity Polar Plot



REPORT NUMBER: P1445099

CATALOG NUMBER: XAS300-SFPM (5000K-240W-T3-HSS)

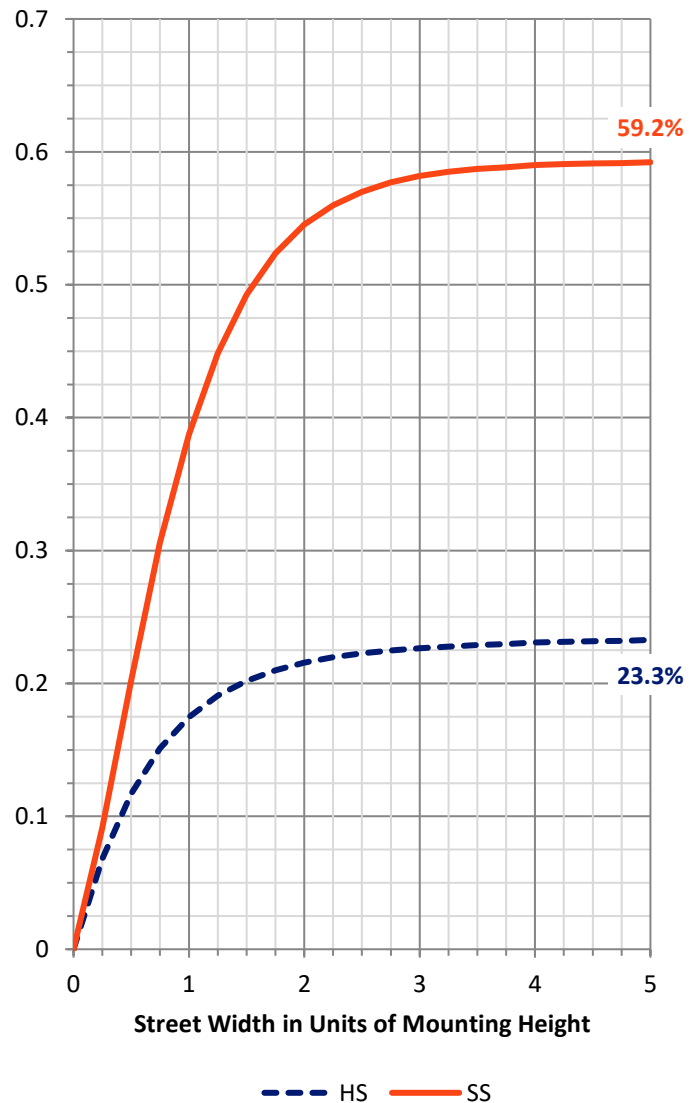
**FLUX DISTRIBUTION:**

|                    |        | Downward | Upward | Total   |
|--------------------|--------|----------|--------|---------|
| <b>House Side</b>  | Lumens | 8992.0   | 0.0    | 8992.0  |
|                    | % Lamp | 23.4     | 0.0    | 23.4    |
| <b>Street Side</b> | Lumens | 22766.0  | 0.0    | 22766.0 |
|                    | % Lamp | 59.3     | 0.0    | 59.3    |
| <b>Total</b>       | Lumens | 31758.0  | 0.0    | 31758.0 |
|                    | % Lamp | 82.8     | 0.0    | 82.8    |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture | % Lamp |
|-----------|---------|-----------|--------|
| 0°-10°    | 518.0   | 1.6       | 1.3    |
| 10°-20°   | 1744.5  | 5.5       | 4.5    |
| 20°-30°   | 3309.4  | 10.4      | 8.6    |
| 30°-40°   | 4875.8  | 15.4      | 12.7   |
| 40°-50°   | 5942.6  | 18.7      | 15.5   |
| 50°-60°   | 6500.4  | 20.5      | 16.9   |
| 60°-70°   | 5751.5  | 18.1      | 15.0   |
| 70°-80°   | 2849.2  | 9.0       | 7.4    |
| 80°-90°   | 266.6   | 0.8       | 0.7    |
| 90°-100°  | 0.0     | 0.0       | 0.0    |
| 100°-110° | 0.0     | 0.0       | 0.0    |
| 110°-120° | 0.0     | 0.0       | 0.0    |
| 120°-130° | 0.0     | 0.0       | 0.0    |
| 130°-140° | 0.0     | 0.0       | 0.0    |
| 140°-150° | 0.0     | 0.0       | 0.0    |
| 150°-160° | 0.0     | 0.0       | 0.0    |
| 160°-170° | 0.0     | 0.0       | 0.0    |
| 170°-180° | 0.0     | 0.0       | 0.0    |
| 0°-90°    | 31758.0 | 100.0     | 82.8   |
| 0°-180°   | 31758.0 | 100.0     | 82.8   |

**Coefficient of Utilization**



REPORT NUMBER: P1445099

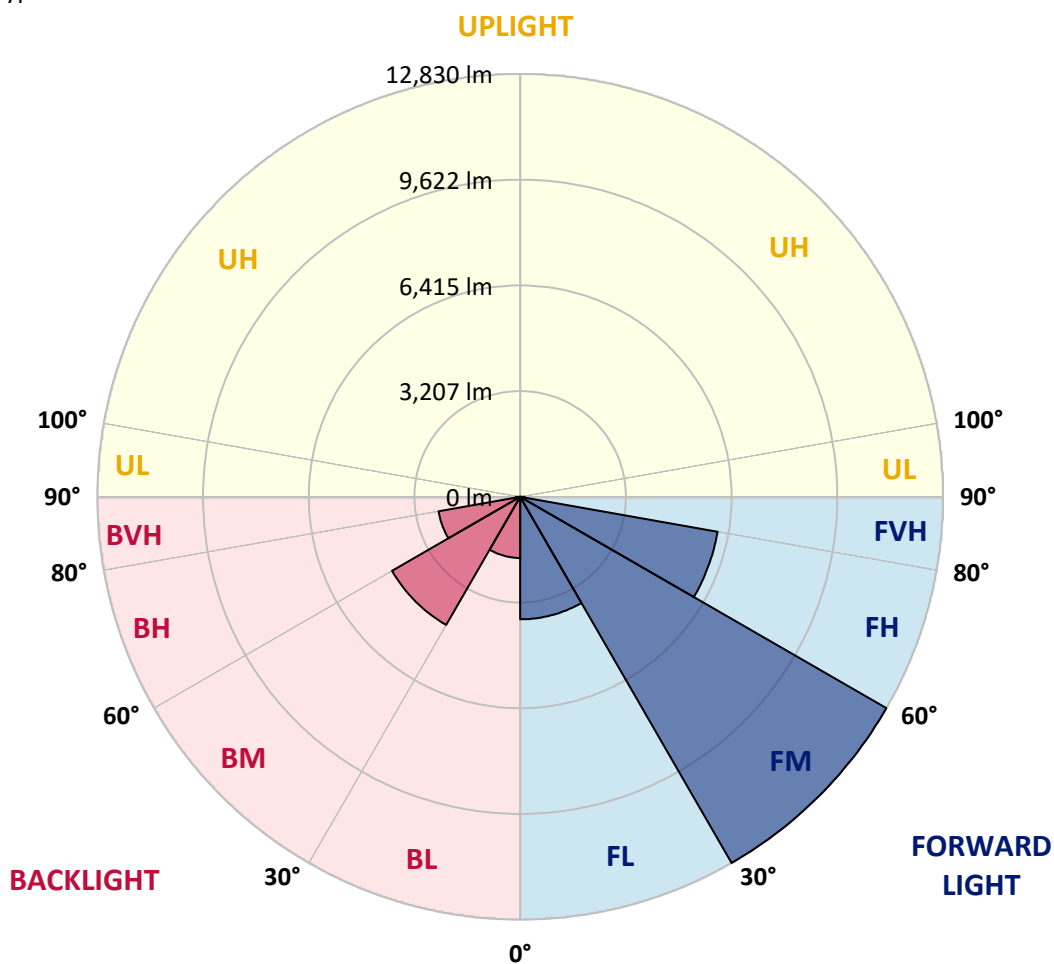
CATALOG NUMBER: XAS300-SFPM (5000K-240W-T3-HSS)

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone          |             | Lumens  | % Lamp | Zone Rating/Lumen Limit |      |         |
|---------------|-------------|---------|--------|-------------------------|------|---------|
|               |             |         |        | B                       | U    | G       |
| FL            | (0°-30°)    | 3716.8  | 9.7    |                         |      |         |
| FM            | (30°-60°)   | 12829.5 | 33.4   |                         |      |         |
| FH            | (60°-80°)   | 6084.4  | 15.9   |                         |      | G3/7500 |
| FVH           | (80°-90°)   | 135.3   | 0.4    |                         |      | G2/225  |
| BL            | (0°-30°)    | 1855.1  | 4.8    | B3/2500                 |      |         |
| BM            | (30°-60°)   | 4489.3  | 11.7   | B3/5000                 |      |         |
| BH            | (60°-80°)   | 2516.3  | 6.6    | B4/5000                 |      | G4/5000 |
| BVH           | (80°-90°)   | 131.3   | 0.3    |                         |      | G2/225  |
| UL            | (90°-100°)  | 0.0     | 0.0    |                         | U0/0 |         |
| UH            | (100°-180°) | 0.0     | 0.0    |                         | U0/0 |         |
| Trapped Light |             | 6618.0  | 17.2   |                         |      |         |

**BUG Rating: B4-U0-G4**

Type III Short



REPORT NUMBER: P1445099

CATALOG NUMBER: XAS300-SFPM (5000K-240W-T3-HSS)

**CANDELA DISTRIBUTION (FULL):**

|     | 0°      | 15°     | 30°     | 45°     | 60°     | 75°    | 90°    | 105°   | 120°   | 135°   | 150°   |
|-----|---------|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|
| 0°  | 5227.5  | 5227.5  | 5227.5  | 5227.5  | 5227.5  | 5227.5 | 5227.5 | 5227.5 | 5227.5 | 5227.5 | 5227.5 |
| 1°  | 5362.5  | 5360.9  | 5348.3  | 5329.3  | 5303.1  | 5270.4 | 5220.0 | 5186.2 | 5154.5 | 5129.7 | 5111.2 |
| 2°  | 5515.4  | 5506.7  | 5476.6  | 5431.8  | 5373.6  | 5307.3 | 5220.4 | 5153.1 | 5092.7 | 5043.5 | 5007.3 |
| 3°  | 5680.9  | 5665.8  | 5616.7  | 5545.0  | 5450.9  | 5347.6 | 5225.5 | 5126.0 | 5038.2 | 4966.3 | 4913.4 |
| 4°  | 5867.4  | 5842.1  | 5773.0  | 5669.7  | 5538.6  | 5398.2 | 5237.4 | 5105.4 | 4988.1 | 4893.3 | 4827.2 |
| 5°  | 6071.1  | 6039.9  | 5944.0  | 5804.2  | 5637.1  | 5455.1 | 5256.0 | 5091.4 | 4944.3 | 4830.5 | 4747.2 |
| 6°  | 6294.5  | 6252.7  | 6133.2  | 5955.8  | 5742.2  | 5516.0 | 5275.4 | 5079.7 | 4906.2 | 4771.0 | 4669.3 |
| 7°  | 6534.3  | 6484.9  | 6337.0  | 6116.0  | 5854.9  | 5580.1 | 5298.5 | 5069.8 | 4871.2 | 4712.1 | 4597.8 |
| 8°  | 6792.7  | 6731.7  | 6555.4  | 6292.5  | 5975.5  | 5649.1 | 5324.6 | 5062.8 | 4838.5 | 4658.4 | 4533.1 |
| 9°  | 7070.8  | 6996.4  | 6791.4  | 6478.2  | 6105.4  | 5724.2 | 5355.2 | 5056.5 | 4805.6 | 4610.6 | 4471.5 |
| 10° | 7366.7  | 7280.6  | 7038.1  | 6678.1  | 6241.6  | 5803.8 | 5386.4 | 5053.5 | 4772.7 | 4566.5 | 4413.5 |
| 11° | 7685.3  | 7587.0  | 7309.3  | 6889.2  | 6387.1  | 5891.1 | 5421.8 | 5053.5 | 4743.8 | 4524.4 | 4359.6 |
| 12° | 8026.6  | 7910.1  | 7594.0  | 7110.3  | 6539.6  | 5981.7 | 5447.3 | 5043.4 | 4719.5 | 4481.8 | 4311.4 |
| 13° | 8392.9  | 8256.2  | 7889.0  | 7346.2  | 6705.2  | 6058.8 | 5471.8 | 5030.4 | 4684.2 | 4442.2 | 4265.5 |
| 14° | 8771.1  | 8623.0  | 8201.4  | 7593.3  | 6876.8  | 6141.2 | 5506.4 | 5023.3 | 4651.4 | 4407.3 | 4198.5 |
| 15° | 9165.8  | 8994.5  | 8526.2  | 7849.4  | 7036.9  | 6231.1 | 5544.0 | 5021.1 | 4620.2 | 4362.1 | 4108.2 |
| 16° | 9568.9  | 9377.7  | 8857.2  | 8112.1  | 7207.4  | 6326.9 | 5594.3 | 5031.7 | 4595.0 | 4320.6 | 4066.2 |
| 17° | 9973.5  | 9759.2  | 9195.6  | 8378.9  | 7380.7  | 6432.5 | 5638.0 | 5034.2 | 4578.2 | 4260.3 | 4034.0 |
| 18° | 10365.8 | 10139.0 | 9527.5  | 8646.2  | 7552.3  | 6544.2 | 5687.8 | 5043.1 | 4556.7 | 4192.1 | 4004.8 |
| 19° | 10752.2 | 10509.8 | 9857.7  | 8901.0  | 7737.0  | 6650.1 | 5746.0 | 5065.7 | 4544.5 | 4156.1 | 3980.2 |
| 20° | 11123.0 | 10864.8 | 10177.1 | 9144.3  | 7917.1  | 6764.7 | 5810.1 | 5089.8 | 4540.8 | 4127.5 | 3953.9 |
| 21° | 11473.9 | 11208.2 | 10481.6 | 9395.1  | 8107.7  | 6883.7 | 5875.5 | 5109.1 | 4540.5 | 4103.7 | 3923.5 |
| 22° | 11795.8 | 11531.0 | 10773.8 | 9625.1  | 8283.7  | 7013.0 | 5929.7 | 5107.6 | 4528.4 | 4089.3 | 3889.5 |
| 23° | 12108.6 | 11844.6 | 11061.7 | 9848.6  | 8469.1  | 7144.9 | 5960.9 | 5113.2 | 4503.5 | 4079.8 | 3860.1 |
| 24° | 12398.2 | 12142.5 | 11338.1 | 10067.0 | 8650.3  | 7264.3 | 6002.4 | 5136.4 | 4475.0 | 4060.3 | 3713.7 |
| 25° | 12676.3 | 12421.4 | 11605.4 | 10289.7 | 8825.7  | 7373.7 | 6062.2 | 5147.4 | 4456.2 | 4043.3 | 3602.6 |
| 26° | 12912.1 | 12673.8 | 11866.9 | 10498.2 | 9007.0  | 7468.4 | 6124.2 | 5154.8 | 4436.4 | 4028.1 | 3578.2 |
| 27° | 13119.0 | 12895.6 | 12115.2 | 10702.6 | 9187.4  | 7575.6 | 6163.9 | 5177.1 | 4439.1 | 4008.4 | 3561.2 |
| 28° | 13308.5 | 13094.2 | 12345.3 | 10899.5 | 9366.1  | 7700.7 | 6221.7 | 5201.5 | 4443.3 | 3976.8 | 3543.4 |
| 29° | 13509.6 | 13291.1 | 12548.8 | 11089.1 | 9529.1  | 7838.6 | 6291.3 | 5223.6 | 4439.8 | 3844.3 | 3518.8 |
| 30° | 13747.1 | 13519.5 | 12758.2 | 11284.4 | 9683.9  | 7958.5 | 6368.2 | 5225.8 | 4420.0 | 3757.0 | 3494.1 |
| 31° | 13941.6 | 13724.8 | 12977.5 | 11496.2 | 9813.0  | 8075.4 | 6441.1 | 5233.2 | 4417.5 | 3724.0 | 3478.2 |
| 32° | 14086.4 | 13886.1 | 13181.1 | 11716.3 | 9957.8  | 8192.9 | 6498.0 | 5256.5 | 4420.4 | 3702.6 | 3458.8 |
| 33° | 14136.1 | 13970.6 | 13353.2 | 11925.7 | 10131.6 | 8324.2 | 6549.9 | 5282.1 | 4406.7 | 3693.4 | 3275.0 |
| 34° | 14088.9 | 13949.9 | 13447.5 | 12114.4 | 10307.9 | 8469.1 | 6616.9 | 5295.5 | 4402.3 | 3690.1 | 3237.2 |
| 35° | 13958.1 | 13843.1 | 13434.3 | 12249.3 | 10474.2 | 8615.5 | 6697.0 | 5317.1 | 4406.0 | 3686.8 | 3221.7 |
| 36° | 13790.2 | 13695.8 | 13343.3 | 12329.5 | 10624.0 | 8754.6 | 6776.6 | 5355.2 | 4401.7 | 3673.2 | 3213.5 |
| 37° | 13640.4 | 13533.6 | 13218.3 | 12331.2 | 10715.0 | 8861.3 | 6833.3 | 5376.0 | 4397.2 | 3658.8 | 3218.1 |
| 38° | 13557.6 | 13426.0 | 13094.2 | 12282.4 | 10765.5 | 8954.0 | 6889.6 | 5393.7 | 4380.3 | 3626.0 | 3220.8 |
| 39° | 13509.6 | 13369.8 | 13008.1 | 12223.6 | 10772.1 | 9029.3 | 6972.0 | 5413.0 | 4264.9 | 3500.9 | 3213.9 |
| 40° | 13474.0 | 13331.7 | 12960.1 | 12179.8 | 10748.1 | 9074.0 | 7045.9 | 5428.7 | 4203.7 | 3508.4 | 3177.2 |
| 41° | 13432.7 | 13301.1 | 12929.5 | 12154.1 | 10742.3 | 9099.6 | 7097.9 | 5455.2 | 4223.0 | 3531.9 | 3050.9 |
| 42° | 13379.7 | 13268.0 | 12901.4 | 12133.4 | 10758.9 | 9122.8 | 7129.6 | 5462.9 | 4248.9 | 3539.6 | 3055.9 |
| 43° | 13312.7 | 13227.4 | 12871.6 | 12125.1 | 10781.2 | 9151.8 | 7147.0 | 5481.8 | 4253.6 | 3538.2 | 3050.2 |
| 44° | 13230.7 | 13177.8 | 12836.8 | 12126.8 | 10810.2 | 9176.6 | 7155.0 | 5489.6 | 4240.1 | 3551.8 | 3020.5 |

REPORT NUMBER: P1445099

CATALOG NUMBER: XAS300-SFPM (5000K-240W-T3-HSS)

**CANDELA DISTRIBUTION (continued):**

|     | 0°      | 15°     | 30°     | 45°     | 60°     | 75°    | 90°    | 105°   | 120°   | 135°   | 150°   |
|-----|---------|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|
| 45° | 13132.3 | 13114.9 | 12792.1 | 12125.1 | 10844.1 | 9213.0 | 7172.1 | 5521.1 | 4256.0 | 3563.6 | 2999.9 |
| 46° | 13023.8 | 13037.1 | 12740.0 | 12111.1 | 10870.6 | 9261.8 | 7195.1 | 5519.7 | 4277.8 | 3529.1 | 2900.9 |
| 47° | 12909.6 | 12956.0 | 12679.6 | 12091.2 | 10892.1 | 9314.8 | 7204.0 | 5460.0 | 4275.2 | 3382.9 | 2785.6 |
| 48° | 12791.3 | 12867.4 | 12611.7 | 12074.7 | 10914.4 | 9361.1 | 7241.6 | 5458.1 | 4289.2 | 3365.9 | 2784.7 |
| 49° | 12673.8 | 12772.3 | 12532.3 | 12048.2 | 10940.1 | 9396.7 | 7284.1 | 5482.5 | 4223.4 | 3374.3 | 2774.9 |
| 50° | 12548.8 | 12673.0 | 12446.2 | 12003.5 | 10951.7 | 9427.4 | 7322.8 | 5508.7 | 4139.3 | 3370.8 | 2762.2 |
| 51° | 12407.3 | 12557.9 | 12349.4 | 11950.5 | 10966.6 | 9454.7 | 7355.7 | 5510.9 | 4142.3 | 3352.9 | 2610.1 |
| 52° | 12246.8 | 12425.5 | 12241.8 | 11890.9 | 10984.8 | 9468.7 | 7367.4 | 5524.7 | 4123.5 | 3276.3 | 2576.3 |
| 53° | 12068.9 | 12274.9 | 12126.0 | 11828.0 | 10990.6 | 9472.9 | 7321.2 | 5549.3 | 4149.5 | 3178.6 | 2586.9 |
| 54° | 11865.3 | 12092.0 | 11999.4 | 11755.2 | 10978.2 | 9480.3 | 7270.0 | 5523.5 | 4162.2 | 3184.3 | 2593.6 |
| 55° | 11633.6 | 11879.4 | 11864.5 | 11667.5 | 10947.5 | 9472.9 | 7252.2 | 5518.4 | 4162.0 | 3180.3 | 2499.3 |
| 56° | 11364.6 | 11631.9 | 11708.9 | 11567.4 | 10906.2 | 9450.5 | 7242.0 | 5506.0 | 4143.1 | 3158.7 | 2428.1 |
| 57° | 11061.7 | 11350.6 | 11528.5 | 11458.1 | 10858.2 | 9429.0 | 7226.7 | 5494.7 | 4086.6 | 3011.9 | 2429.6 |
| 58° | 10720.8 | 11032.8 | 11317.5 | 11339.8 | 10796.9 | 9416.6 | 7179.6 | 5443.1 | 4058.3 | 3038.8 | 2373.8 |
| 59° | 10348.4 | 10682.7 | 11089.9 | 11204.1 | 10729.9 | 9395.1 | 7139.9 | 5390.4 | 4059.8 | 3077.5 | 2258.1 |
| 60° | 9919.7  | 10297.1 | 10825.9 | 11049.3 | 10645.5 | 9361.1 | 7091.9 | 5371.3 | 4057.6 | 3109.2 | 2263.6 |
| 61° | 9381.8  | 9846.1  | 10534.6 | 10864.8 | 10537.9 | 9304.0 | 7034.9 | 5322.4 | 4040.5 | 3005.5 | 2151.2 |
| 62° | 8743.0  | 9314.8  | 10201.1 | 10650.5 | 10416.3 | 9226.3 | 6941.5 | 5274.3 | 3992.7 | 2994.7 | 2128.4 |
| 63° | 8017.7  | 8709.0  | 9826.2  | 10403.0 | 10273.9 | 9104.6 | 6836.6 | 5209.8 | 3998.3 | 3006.4 | 2081.8 |
| 64° | 7277.8  | 8062.7  | 9398.4  | 10131.6 | 10106.8 | 8942.4 | 6707.9 | 5126.2 | 3972.9 | 2947.9 | 1994.9 |
| 65° | 6604.4  | 7423.6  | 8930.8  | 9831.2  | 9920.6  | 8749.6 | 6583.8 | 5073.3 | 3882.4 | 2954.4 | 1923.0 |
| 66° | 6020.8  | 6800.9  | 8431.0  | 9484.5  | 9703.8  | 8576.6 | 6423.0 | 4985.2 | 3873.0 | 2903.7 | 1890.7 |
| 67° | 5561.8  | 6234.9  | 7923.0  | 9106.3  | 9457.1  | 8381.3 | 6237.3 | 4877.5 | 3906.6 | 2896.8 | 1785.7 |
| 68° | 5193.0  | 5742.6  | 7413.8  | 8679.3  | 9171.6  | 8145.6 | 5963.7 | 4743.6 | 3940.1 | 2902.4 | 1709.2 |
| 69° | 4826.0  | 5319.0  | 6896.9  | 8217.7  | 8830.7  | 7862.7 | 5692.3 | 4580.5 | 3903.9 | 2891.2 | 1632.7 |
| 70° | 4254.4  | 4882.6  | 6386.7  | 7739.0  | 8444.2  | 7501.0 | 5274.3 | 4346.0 | 3814.6 | 2903.3 | 1557.1 |
| 71° | 3347.1  | 4315.0  | 5889.3  | 7251.6  | 8024.1  | 7033.5 | 4722.2 | 4024.7 | 3745.1 | 2897.1 | 1530.4 |
| 72° | 2275.2  | 3529.5  | 5388.1  | 6766.1  | 7570.4  | 6513.0 | 4181.2 | 3685.5 | 3669.1 | 2961.6 | 1519.9 |
| 73° | 1329.9  | 2576.9  | 4844.7  | 6272.7  | 7077.3  | 5882.5 | 3674.9 | 3386.1 | 3517.1 | 2934.3 | 1473.2 |
| 74° | 751.0   | 1648.8  | 4249.2  | 5769.8  | 6520.3  | 5197.6 | 3208.0 | 3137.5 | 3359.7 | 2926.4 | 1479.5 |
| 75° | 626.4   | 969.2   | 3585.2  | 5218.9  | 5906.7  | 4456.0 | 2651.5 | 2878.4 | 3217.8 | 2901.8 | 1449.2 |
| 76° | 517.7   | 786.1   | 2845.9  | 4584.9  | 5201.9  | 3667.1 | 1864.7 | 2507.0 | 3098.5 | 2831.7 | 1376.6 |
| 77° | 409.0   | 606.1   | 2146.1  | 3795.2  | 4409.1  | 2720.3 | 1080.0 | 1875.6 | 2987.9 | 2686.4 | 1267.0 |
| 78° | 365.3   | 426.2   | 1608.4  | 2824.5  | 3517.5  | 1733.5 | 499.3  | 1244.4 | 2896.6 | 2450.8 | 1122.0 |
| 79° | 336.1   | 376.0   | 1176.4  | 1799.3  | 2622.3  | 907.9  | 249.2  | 615.7  | 2626.5 | 2049.3 | 972.4  |
| 80° | 309.7   | 337.5   | 847.6   | 974.3   | 1757.2  | 684.9  | 214.5  | 458.5  | 1947.6 | 1647.8 | 854.6  |
| 81° | 284.8   | 303.5   | 678.1   | 758.7   | 994.0   | 463.6  | 179.8  | 301.4  | 1268.9 | 1248.8 | 873.1  |
| 82° | 261.1   | 274.2   | 510.8   | 563.7   | 737.2   | 242.3  | 145.2  | 146.4  | 594.9  | 1022.9 | 820.2  |
| 83° | 237.1   | 248.8   | 343.6   | 368.6   | 487.2   | 200.6  | 124.1  | 116.2  | 446.9  | 872.7  | 656.7  |
| 84° | 212.1   | 222.3   | 290.2   | 323.6   | 237.2   | 171.1  | 103.5  | 91.2   | 299.0  | 690.6  | 451.8  |
| 85° | 187.2   | 195.5   | 231.3   | 282.1   | 186.7   | 141.4  | 83.6   | 70.7   | 151.5  | 491.6  | 298.5  |
| 86° | 161.4   | 169.4   | 181.6   | 240.5   | 149.4   | 110.9  | 64.2   | 53.5   | 127.2  | 394.0  | 212.1  |
| 87° | 134.7   | 144.7   | 149.8   | 193.6   | 117.3   | 83.5   | 45.8   | 39.3   | 99.5   | 296.4  | 125.7  |
| 88° | 110.4   | 119.8   | 120.1   | 138.6   | 89.5    | 62.7   | 32.3   | 28.1   | 65.0   | 198.8  | 76.6   |
| 89° | 91.1    | 94.9    | 90.9    | 81.6    | 68.7    | 42.2   | 18.8   | 16.8   | 44.9   | 101.2  | 52.3   |



REPORT NUMBER: P1445099

CATALOG NUMBER: XAS300-SFPM (5000K-240W-T3-HSS)

**CANDELA DISTRIBUTION (continued):**

|      | 0°  | 15° | 30° | 45° | 60° | 75° | 90° | 105° | 120° | 135° | 150° |
|------|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|
| 90°  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 91°  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 92°  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 93°  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 94°  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 95°  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 96°  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 97°  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 98°  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 99°  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 101° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 102° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 103° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 104° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 106° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 107° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 108° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 109° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 111° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 112° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 113° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 114° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 116° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 117° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 118° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 119° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 121° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 122° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 123° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 124° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 126° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 127° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 128° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 129° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 131° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 132° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 133° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 134° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |

REPORT NUMBER: P1445099

CATALOG NUMBER: XAS300-SFPM (5000K-240W-T3-HSS)

**CANDELA DISTRIBUTION (continued):**

|      | 0°  | 15° | 30° | 45° | 60° | 75° | 90° | 105° | 120° | 135° | 150° |
|------|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 136° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 137° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 138° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 139° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 141° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 142° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 143° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 144° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 146° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 147° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 148° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 149° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 151° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 152° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 153° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 154° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 156° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 157° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 158° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 159° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 161° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 162° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 163° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 164° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 166° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 167° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 168° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 169° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 171° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 172° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 173° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 174° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 176° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 177° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 178° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |
| 179° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |



REPORT NUMBER: P1445099  
CATALOG NUMBER: XAS300-SFPM (5000K-240W-T3-HSS)

CANDELA DISTRIBUTION (continued):

|      | 0°  | 15° | 30° | 45° | 60° | 75° | 90° | 105° | 120° | 135° | 150° |
|------|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|
| 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |

REPORT NUMBER: P1445099

CATALOG NUMBER: XAS300-SFPM (5000K-240W-T3-HSS)

**CANDELA DISTRIBUTION (continued):**

|     | 165°   | 180°   | 195°   | 210°   | 225°   | 240°   | 255°   | 270°   | 285°   | 300°    | 315°    |
|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| 0°  | 5227.5 | 5227.5 | 5227.5 | 5227.5 | 5227.5 | 5227.5 | 5227.5 | 5227.5 | 5227.5 | 5227.5  | 5227.5  |
| 1°  | 5101.4 | 5099.6 | 5108.3 | 5125.7 | 5148.6 | 5179.2 | 5211.4 | 5231.0 | 5262.3 | 5293.0  | 5320.4  |
| 2°  | 4987.5 | 4982.5 | 4996.1 | 5026.1 | 5068.8 | 5124.6 | 5187.1 | 5242.2 | 5306.9 | 5372.1  | 5429.5  |
| 3°  | 4882.9 | 4875.1 | 4891.8 | 4932.1 | 4993.5 | 5073.7 | 5167.0 | 5256.0 | 5356.1 | 5456.1  | 5548.0  |
| 4°  | 4787.2 | 4776.4 | 4797.6 | 4846.0 | 4924.1 | 5027.5 | 5149.3 | 5275.4 | 5411.6 | 5548.7  | 5675.4  |
| 5°  | 4696.7 | 4683.3 | 4707.6 | 4766.6 | 4860.0 | 4985.1 | 5135.2 | 5295.9 | 5468.4 | 5649.0  | 5816.1  |
| 6°  | 4610.4 | 4594.8 | 4621.1 | 4687.6 | 4798.3 | 4944.9 | 5124.2 | 5320.3 | 5530.0 | 5753.7  | 5966.6  |
| 7°  | 4529.5 | 4512.3 | 4540.8 | 4615.6 | 4736.4 | 4907.7 | 5114.9 | 5346.8 | 5596.9 | 5867.8  | 6126.2  |
| 8°  | 4455.6 | 4433.9 | 4465.8 | 4551.0 | 4681.7 | 4870.8 | 5106.8 | 5374.1 | 5667.7 | 5988.3  | 6296.7  |
| 9°  | 4383.0 | 4356.8 | 4392.6 | 4487.2 | 4633.1 | 4834.1 | 5099.1 | 5404.5 | 5741.8 | 6115.9  | 6480.9  |
| 10° | 4314.4 | 4286.2 | 4324.4 | 4425.2 | 4586.2 | 4799.2 | 5095.3 | 5437.6 | 5820.9 | 6250.2  | 6675.9  |
| 11° | 4253.9 | 4222.7 | 4260.2 | 4368.7 | 4540.6 | 4769.8 | 5094.3 | 5477.7 | 5905.9 | 6394.0  | 6884.7  |
| 12° | 4199.8 | 4154.4 | 4201.4 | 4316.4 | 4497.8 | 4746.5 | 5081.9 | 5503.3 | 5996.3 | 6545.2  | 7104.3  |
| 13° | 4098.8 | 4030.1 | 4101.3 | 4266.6 | 4455.2 | 4709.9 | 5075.1 | 5535.7 | 6073.2 | 6708.9  | 7339.0  |
| 14° | 4019.0 | 3977.7 | 4019.8 | 4200.4 | 4418.2 | 4678.8 | 5068.2 | 5565.1 | 6156.3 | 6874.3  | 7582.6  |
| 15° | 3977.2 | 3932.3 | 3974.9 | 4103.4 | 4372.8 | 4650.5 | 5068.5 | 5605.6 | 6242.6 | 7033.2  | 7842.6  |
| 16° | 3937.4 | 3890.4 | 3934.0 | 4063.0 | 4333.8 | 4630.0 | 5072.7 | 5656.2 | 6338.8 | 7202.2  | 8107.8  |
| 17° | 3902.7 | 3851.4 | 3899.3 | 4030.1 | 4283.5 | 4608.6 | 5080.9 | 5701.6 | 6450.9 | 7376.2  | 8383.8  |
| 18° | 3865.1 | 3807.5 | 3861.0 | 4001.4 | 4217.2 | 4593.0 | 5095.2 | 5753.6 | 6550.9 | 7560.3  | 8648.6  |
| 19° | 3827.4 | 3766.0 | 3824.4 | 3979.0 | 4174.2 | 4589.0 | 5119.4 | 5818.9 | 6664.2 | 7745.9  | 8907.7  |
| 20° | 3789.4 | 3720.1 | 3789.7 | 3953.0 | 4147.8 | 4591.1 | 5144.8 | 5887.3 | 6778.1 | 7941.6  | 9166.7  |
| 21° | 3746.4 | 3562.6 | 3751.2 | 3921.8 | 4130.7 | 4591.3 | 5162.4 | 5948.5 | 6906.8 | 8132.3  | 9412.5  |
| 22° | 3553.4 | 3447.0 | 3569.4 | 3892.3 | 4120.4 | 4581.5 | 5167.6 | 6002.7 | 7039.2 | 8324.2  | 9647.5  |
| 23° | 3478.3 | 3414.9 | 3494.0 | 3869.3 | 4111.1 | 4565.0 | 5184.6 | 6042.4 | 7167.8 | 8517.1  | 9881.7  |
| 24° | 3450.8 | 3392.6 | 3469.8 | 3723.9 | 4093.5 | 4549.1 | 5215.6 | 6093.4 | 7287.2 | 8706.6  | 10112.6 |
| 25° | 3433.2 | 3374.1 | 3453.0 | 3626.1 | 4076.7 | 4535.5 | 5228.6 | 6163.2 | 7393.0 | 8897.7  | 10326.9 |
| 26° | 3416.8 | 3354.5 | 3438.5 | 3610.9 | 4066.7 | 4513.7 | 5246.9 | 6223.4 | 7502.6 | 9086.4  | 10545.4 |
| 27° | 3398.9 | 3340.2 | 3423.0 | 3597.9 | 4044.3 | 4523.1 | 5276.5 | 6276.0 | 7624.5 | 9274.3  | 10756.4 |
| 28° | 3385.7 | 3322.9 | 3411.1 | 3579.0 | 4017.2 | 4530.0 | 5306.0 | 6342.9 | 7764.7 | 9449.7  | 10969.9 |
| 29° | 3370.2 | 3176.9 | 3397.1 | 3556.3 | 3889.3 | 4517.8 | 5324.9 | 6422.3 | 7905.8 | 9621.0  | 11176.8 |
| 30° | 3203.0 | 3117.0 | 3227.3 | 3537.0 | 3804.9 | 4501.0 | 5329.8 | 6503.7 | 8026.2 | 9779.9  | 11387.0 |
| 31° | 3154.8 | 3110.6 | 3180.8 | 3520.1 | 3771.4 | 4500.7 | 5351.0 | 6578.4 | 8166.2 | 9937.9  | 11611.2 |
| 32° | 3146.2 | 3110.8 | 3172.5 | 3500.1 | 3756.5 | 4504.6 | 5383.3 | 6639.4 | 8317.6 | 10108.4 | 11816.5 |
| 33° | 3140.9 | 3109.5 | 3168.0 | 3316.3 | 3752.1 | 4489.1 | 5418.3 | 6717.0 | 8482.3 | 10279.7 | 12016.7 |
| 34° | 3134.6 | 3103.0 | 3161.0 | 3279.1 | 3749.8 | 4487.7 | 5433.2 | 6808.7 | 8629.6 | 10452.7 | 12184.7 |
| 35° | 3123.7 | 3096.8 | 3150.0 | 3263.4 | 3746.3 | 4487.9 | 5465.9 | 6899.1 | 8759.5 | 10614.9 | 12296.4 |
| 36° | 3111.6 | 2979.1 | 3136.3 | 3257.5 | 3730.6 | 4482.8 | 5504.7 | 6986.0 | 8872.9 | 10724.1 | 12336.2 |
| 37° | 2988.7 | 2895.2 | 2997.7 | 3262.7 | 3717.8 | 4475.4 | 5529.9 | 7045.3 | 8966.4 | 10783.7 | 12322.1 |
| 38° | 2889.7 | 2897.1 | 2914.6 | 3263.2 | 3679.2 | 4460.3 | 5551.3 | 7108.7 | 9038.4 | 10798.6 | 12265.0 |
| 39° | 2882.9 | 2905.3 | 2907.0 | 3262.3 | 3558.4 | 4349.6 | 5556.9 | 7176.4 | 9088.1 | 10785.3 | 12199.6 |
| 40° | 2881.3 | 2909.0 | 2901.5 | 3217.1 | 3578.5 | 4293.0 | 5563.5 | 7220.9 | 9117.9 | 10777.9 | 12154.1 |
| 41° | 2866.2 | 2895.6 | 2883.9 | 3103.2 | 3603.5 | 4310.4 | 5569.6 | 7252.7 | 9132.7 | 10785.3 | 12127.6 |
| 42° | 2834.7 | 2735.6 | 2852.5 | 3107.7 | 3601.7 | 4332.8 | 5577.5 | 7281.2 | 9159.2 | 10801.1 | 12122.7 |
| 43° | 2677.1 | 2681.0 | 2698.0 | 3095.3 | 3605.5 | 4318.9 | 5594.8 | 7305.0 | 9187.4 | 10823.4 | 12133.4 |
| 44° | 2614.8 | 2676.8 | 2642.5 | 3066.0 | 3616.9 | 4310.4 | 5612.1 | 7321.8 | 9226.3 | 10849.1 | 12138.4 |

REPORT NUMBER: P1445099

CATALOG NUMBER: XAS300-SFPM (5000K-240W-T3-HSS)

**CANDELA DISTRIBUTION (continued):**

|     | 165°   | 180°   | 195°   | 210°   | 225°   | 240°   | 255°   | 270°   | 285°   | 300°    | 315°    |
|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| 45° | 2609.6 | 2667.8 | 2638.1 | 3046.3 | 3628.5 | 4327.0 | 5642.1 | 7349.7 | 9271.8 | 10873.9 | 12135.1 |
| 46° | 2600.5 | 2651.1 | 2626.5 | 2925.1 | 3575.6 | 4355.0 | 5620.7 | 7368.3 | 9318.9 | 10906.2 | 12131.8 |
| 47° | 2576.5 | 2421.7 | 2606.8 | 2842.9 | 3443.4 | 4359.2 | 5566.5 | 7385.2 | 9358.7 | 10942.6 | 12121.0 |
| 48° | 2377.3 | 2399.9 | 2410.0 | 2842.5 | 3433.1 | 4374.8 | 5575.9 | 7424.1 | 9392.6 | 10971.5 | 12100.3 |
| 49° | 2365.8 | 2382.3 | 2405.9 | 2827.4 | 3442.4 | 4290.3 | 5602.8 | 7458.7 | 9428.2 | 10993.9 | 12063.1 |
| 50° | 2363.9 | 2365.1 | 2406.5 | 2819.8 | 3433.8 | 4235.7 | 5624.3 | 7488.0 | 9459.6 | 11016.2 | 12015.1 |
| 51° | 2361.3 | 2177.2 | 2406.9 | 2659.6 | 3419.3 | 4240.3 | 5627.4 | 7511.0 | 9476.2 | 11027.8 | 11965.4 |
| 52° | 2217.6 | 2110.4 | 2253.7 | 2638.0 | 3304.5 | 4231.4 | 5640.4 | 7508.9 | 9482.0 | 11029.5 | 11912.5 |
| 53° | 2172.9 | 2096.8 | 2215.5 | 2650.9 | 3252.0 | 4259.9 | 5656.6 | 7446.6 | 9488.6 | 11017.9 | 11847.9 |
| 54° | 2160.0 | 2069.4 | 2201.9 | 2662.7 | 3260.1 | 4262.9 | 5635.2 | 7389.8 | 9478.7 | 10988.9 | 11773.4 |
| 55° | 2131.7 | 1849.6 | 2162.8 | 2544.9 | 3259.6 | 4263.9 | 5630.3 | 7368.8 | 9453.0 | 10949.2 | 11694.8 |
| 56° | 1952.8 | 1848.3 | 1995.0 | 2498.3 | 3237.1 | 4257.9 | 5610.9 | 7354.6 | 9423.2 | 10907.0 | 11601.3 |
| 57° | 1956.4 | 1740.7 | 2001.2 | 2499.3 | 3108.1 | 4184.4 | 5597.2 | 7333.6 | 9401.7 | 10852.4 | 11487.1 |
| 58° | 1834.1 | 1634.6 | 1867.7 | 2418.2 | 3143.1 | 4174.1 | 5520.4 | 7281.0 | 9374.4 | 10785.3 | 11349.7 |
| 59° | 1762.6 | 1638.9 | 1809.8 | 2339.5 | 3186.0 | 4174.5 | 5489.5 | 7230.6 | 9338.0 | 10706.7 | 11191.7 |
| 60° | 1701.4 | 1401.4 | 1750.8 | 2353.6 | 3214.4 | 4168.6 | 5444.5 | 7165.6 | 9281.7 | 10609.1 | 11017.9 |
| 61° | 1640.2 | 1404.5 | 1691.9 | 2230.4 | 3114.6 | 4138.4 | 5388.0 | 7111.6 | 9209.7 | 10499.0 | 10829.2 |
| 62° | 1574.8 | 1190.6 | 1630.2 | 2220.3 | 3110.1 | 4088.9 | 5324.7 | 7021.2 | 9090.5 | 10365.0 | 10619.0 |
| 63° | 1370.0 | 1182.2 | 1423.2 | 2158.0 | 3102.5 | 4085.4 | 5250.3 | 6912.4 | 8936.6 | 10207.7 | 10378.2 |
| 64° | 1356.8 | 923.7  | 1395.1 | 2091.6 | 3064.3 | 4045.6 | 5169.5 | 6776.2 | 8748.8 | 10028.1 | 10101.0 |
| 65° | 1150.9 | 818.4  | 1196.0 | 2008.4 | 3076.4 | 3945.1 | 5088.5 | 6640.4 | 8572.5 | 9823.7  | 9784.0  |
| 66° | 1000.1 | 662.4  | 1030.6 | 1994.9 | 3026.0 | 3960.0 | 4989.1 | 6442.7 | 8374.7 | 9592.9  | 9436.5  |
| 67° | 910.0  | 441.1  | 900.5  | 1890.2 | 3017.9 | 3984.9 | 4861.3 | 6228.2 | 8144.6 | 9333.8  | 9050.8  |
| 68° | 719.8  | 219.9  | 742.9  | 1805.0 | 3009.5 | 3999.1 | 4701.1 | 5908.7 | 7881.0 | 9033.4  | 8647.0  |
| 69° | 478.6  | 0.5    | 499.9  | 1719.8 | 2998.7 | 3915.4 | 4513.5 | 5559.1 | 7552.5 | 8694.2  | 8210.9  |
| 70° | 463.6  | 0.4    | 481.0  | 1636.5 | 3013.1 | 3805.6 | 4225.7 | 5049.3 | 7153.8 | 8306.9  | 7736.8  |
| 71° | 462.7  | 0.4    | 464.1  | 1612.7 | 2998.8 | 3702.8 | 3855.5 | 4457.1 | 6636.3 | 7882.1  | 7226.6  |
| 72° | 440.3  | 0.4    | 429.5  | 1592.6 | 3056.7 | 3597.2 | 3508.9 | 3913.0 | 6079.3 | 7422.6  | 6725.2  |
| 73° | 395.8  | 0.4    | 367.1  | 1530.6 | 3007.6 | 3428.9 | 3245.4 | 3422.8 | 5403.8 | 6896.6  | 6211.9  |
| 74° | 340.8  | 0.4    | 291.1  | 1507.2 | 2938.4 | 3274.5 | 3012.3 | 2904.7 | 4684.0 | 6291.5  | 5689.6  |
| 75° | 273.4  | 0.4    | 240.6  | 1445.5 | 2867.4 | 3156.3 | 2655.9 | 2205.7 | 3933.6 | 5607.3  | 5113.7  |
| 76° | 205.5  | 0.4    | 222.4  | 1352.4 | 2715.4 | 3044.6 | 2012.7 | 1364.7 | 3103.8 | 4862.6  | 4477.2  |
| 77° | 156.2  | 0.5    | 247.6  | 1230.6 | 2492.4 | 2927.7 | 1369.5 | 657.9  | 2142.3 | 4039.9  | 3666.9  |
| 78° | 168.9  | 0.5    | 283.0  | 1087.4 | 2207.2 | 2679.4 | 733.3  | 431.9  | 1215.2 | 3152.2  | 2629.3  |
| 79° | 233.4  | 0.6    | 228.2  | 969.4  | 1864.8 | 2023.8 | 306.7  | 218.2  | 893.2  | 2288.2  | 1594.4  |
| 80° | 244.9  | 0.7    | 173.4  | 906.5  | 1522.3 | 1368.2 | 229.3  | 184.9  | 578.1  | 1479.6  | 813.1   |
| 81° | 196.3  | 0.8    | 118.5  | 848.1  | 1184.5 | 712.8  | 153.3  | 161.0  | 263.0  | 808.1   | 652.3   |
| 82° | 147.8  | 0.9    | 63.0   | 723.3  | 989.5  | 526.5  | 123.1  | 139.0  | 218.5  | 601.7   | 508.6   |
| 83° | 99.4   | 1.0    | 33.2   | 467.1  | 766.3  | 340.2  | 99.9   | 118.2  | 188.1  | 410.8   | 364.9   |
| 84° | 57.8   | 1.2    | 26.4   | 336.9  | 502.2  | 154.9  | 81.0   | 97.8   | 160.0  | 219.9   | 320.5   |
| 85° | 35.0   | 1.3    | 19.6   | 206.6  | 358.9  | 128.3  | 64.1   | 78.0   | 131.5  | 173.0   | 278.9   |
| 86° | 27.0   | 1.5    | 13.0   | 79.7   | 215.6  | 102.8  | 48.8   | 58.5   | 102.6  | 137.6   | 236.1   |
| 87° | 18.9   | 1.7    | 10.9   | 46.6   | 73.5   | 76.1   | 35.6   | 39.1   | 77.0   | 107.3   | 187.6   |
| 88° | 11.0   | 2.0    | 9.0    | 32.3   | 50.5   | 52.3   | 25.1   | 22.9   | 55.7   | 81.0    | 127.9   |
| 89° | 6.9    | 2.2    | 6.2    | 18.0   | 27.4   | 28.5   | 14.7   | 10.0   | 34.6   | 63.1    | 72.1    |

REPORT NUMBER: P1445099

CATALOG NUMBER: XAS300-SFPM (5000K-240W-T3-HSS)

**CANDELA DISTRIBUTION (continued):**

|      | 165° | 180° | 195° | 210° | 225° | 240° | 255° | 270° | 285° | 300° | 315° |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 90°  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 91°  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 92°  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 93°  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 94°  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 95°  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 96°  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 97°  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 98°  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 99°  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 100° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 101° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 102° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 103° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 104° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 105° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 106° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 107° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 108° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 109° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 110° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 111° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 112° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 113° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 114° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 115° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 116° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 117° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 118° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 119° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 120° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 121° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 122° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 123° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 124° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 125° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 126° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 127° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 128° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 129° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 130° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 131° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 132° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 133° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 134° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |

REPORT NUMBER: P1445099

CATALOG NUMBER: XAS300-SFPM (5000K-240W-T3-HSS)

**CANDELA DISTRIBUTION (continued):**

|      | 165° | 180° | 195° | 210° | 225° | 240° | 255° | 270° | 285° | 300° | 315° |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 135° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 136° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 137° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 138° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 139° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 140° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 141° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 142° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 143° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 144° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 145° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 146° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 147° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 148° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 149° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 150° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 151° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 152° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 153° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 154° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 155° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 156° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 157° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 158° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 159° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 160° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 161° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 162° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 163° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 164° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 165° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 166° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 167° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 168° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 169° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 170° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 171° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 172° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 173° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 174° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 175° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 176° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 177° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 178° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 179° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |



REPORT NUMBER: P1445099  
CATALOG NUMBER: XAS300-SFPM (5000K-240W-T3-HSS)

CANDELA DISTRIBUTION (continued):

|      | 165° | 180° | 195° | 210° | 225° | 240° | 255° | 270° | 285° | 300° | 315° |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 180° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |

REPORT NUMBER: P1445099

CATALOG NUMBER: XAS300-SFPM (5000K-240W-T3-HSS)

**CANDELA DISTRIBUTION (continued):**

|     | 330°    | 345°    | 360°    |
|-----|---------|---------|---------|
| 0°  | 5227.5  | 5227.5  | 5227.5  |
| 1°  | 5342.9  | 5355.8  | 5362.5  |
| 2°  | 5475.8  | 5504.9  | 5515.4  |
| 3°  | 5619.9  | 5666.3  | 5680.9  |
| 4°  | 5778.6  | 5846.1  | 5867.4  |
| 5°  | 5952.6  | 6042.1  | 6071.1  |
| 6°  | 6139.9  | 6257.5  | 6294.5  |
| 7°  | 6344.4  | 6486.8  | 6534.3  |
| 8°  | 6558.0  | 6733.3  | 6792.7  |
| 9°  | 6792.5  | 6998.2  | 7070.8  |
| 10° | 7038.4  | 7282.6  | 7366.7  |
| 11° | 7303.2  | 7587.4  | 7685.3  |
| 12° | 7583.4  | 7908.3  | 8026.6  |
| 13° | 7881.6  | 8254.6  | 8392.9  |
| 14° | 8192.2  | 8617.2  | 8771.1  |
| 15° | 8518.7  | 8991.2  | 9165.8  |
| 16° | 8853.9  | 9376.9  | 9568.9  |
| 17° | 9203.9  | 9769.1  | 9973.5  |
| 18° | 9544.0  | 10157.2 | 10365.8 |
| 19° | 9876.7  | 10527.2 | 10752.2 |
| 20° | 10201.1 | 10883.8 | 11123.0 |
| 21° | 10514.7 | 11223.9 | 11473.9 |
| 22° | 10807.7 | 11539.2 | 11795.8 |
| 23° | 11091.5 | 11851.2 | 12108.6 |
| 24° | 11364.6 | 12154.1 | 12398.2 |
| 25° | 11636.1 | 12437.9 | 12676.3 |
| 26° | 11905.0 | 12701.9 | 12912.1 |
| 27° | 12158.2 | 12927.0 | 13119.0 |
| 28° | 12381.7 | 13122.3 | 13308.5 |
| 29° | 12588.6 | 13320.9 | 13509.6 |
| 30° | 12798.8 | 13544.4 | 13747.1 |
| 31° | 13018.1 | 13749.6 | 13941.6 |
| 32° | 13212.5 | 13897.7 | 14086.4 |
| 33° | 13343.3 | 13967.2 | 14136.1 |
| 34° | 13402.0 | 13949.9 | 14088.9 |
| 35° | 13378.9 | 13843.1 | 13958.1 |
| 36° | 13304.4 | 13689.2 | 13790.2 |
| 37° | 13184.4 | 13530.3 | 13640.4 |
| 38° | 13071.8 | 13427.7 | 13557.6 |
| 39° | 12998.2 | 13369.8 | 13509.6 |
| 40° | 12951.9 | 13337.5 | 13474.0 |
| 41° | 12922.1 | 13310.2 | 13432.7 |
| 42° | 12889.8 | 13278.7 | 13379.7 |
| 43° | 12857.5 | 13243.1 | 13312.7 |
| 44° | 12825.2 | 13196.0 | 13230.7 |

REPORT NUMBER: P1445099

CATALOG NUMBER: XAS300-SFPM (5000K-240W-T3-HSS)

**CANDELA DISTRIBUTION (continued):**

|     | 330°    | 345°    | 360°    |
|-----|---------|---------|---------|
| 45° | 12786.3 | 13131.4 | 13132.3 |
| 46° | 12742.5 | 13051.2 | 13023.8 |
| 47° | 12693.7 | 12963.4 | 12909.6 |
| 48° | 12634.1 | 12868.3 | 12791.3 |
| 49° | 12557.1 | 12772.3 | 12673.8 |
| 50° | 12464.4 | 12673.0 | 12548.8 |
| 51° | 12363.5 | 12562.9 | 12407.3 |
| 52° | 12250.1 | 12435.5 | 12246.8 |
| 53° | 12132.6 | 12280.7 | 12068.9 |
| 54° | 12010.1 | 12097.8 | 11865.3 |
| 55° | 11880.2 | 11881.8 | 11633.6 |
| 56° | 11727.9 | 11636.1 | 11364.6 |
| 57° | 11549.2 | 11362.1 | 11061.7 |
| 58° | 11333.2 | 11037.7 | 10720.8 |
| 59° | 11094.8 | 10686.0 | 10348.4 |
| 60° | 10827.6 | 10304.5 | 9919.7  |
| 61° | 10523.0 | 9871.7  | 9381.8  |
| 62° | 10186.2 | 9347.9  | 8743.0  |
| 63° | 9813.8  | 8743.0  | 8017.7  |
| 64° | 9410.8  | 8083.8  | 7277.8  |
| 65° | 8955.7  | 7431.6  | 6604.4  |
| 66° | 8464.1  | 6824.2  | 6020.8  |
| 67° | 7956.3  | 6279.0  | 5561.8  |
| 68° | 7432.6  | 5783.9  | 5193.0  |
| 69° | 6936.4  | 5342.3  | 4826.0  |
| 70° | 6463.1  | 4906.0  | 4254.4  |
| 71° | 5972.2  | 4367.4  | 3347.1  |
| 72° | 5436.7  | 3616.1  | 2275.2  |
| 73° | 4900.0  | 2668.7  | 1329.9  |
| 74° | 4334.7  | 1768.8  | 751.0   |
| 75° | 3619.3  | 1076.3  | 626.4   |
| 76° | 2850.1  | 864.0   | 517.7   |
| 77° | 2179.7  | 653.5   | 409.0   |
| 78° | 1646.9  | 443.0   | 365.3   |
| 79° | 1216.4  | 383.4   | 336.1   |
| 80° | 821.1   | 342.4   | 309.7   |
| 81° | 661.2   | 307.4   | 284.8   |
| 82° | 503.1   | 278.1   | 261.1   |
| 83° | 345.0   | 254.6   | 237.1   |
| 84° | 289.0   | 226.9   | 212.1   |
| 85° | 228.6   | 197.4   | 187.2   |
| 86° | 182.6   | 170.5   | 161.4   |
| 87° | 149.3   | 144.7   | 134.7   |
| 88° | 118.3   | 119.5   | 110.4   |
| 89° | 88.0    | 94.4    | 91.1    |

REPORT NUMBER: P1445099

CATALOG NUMBER: XAS300-SFPM (5000K-240W-T3-HSS)

**CANDELA DISTRIBUTION (continued):**

|      | 330° | 345° | 360° |
|------|------|------|------|
| 90°  | 0.0  | 0.0  | 0.0  |
| 91°  | 0.0  | 0.0  | 0.0  |
| 92°  | 0.0  | 0.0  | 0.0  |
| 93°  | 0.0  | 0.0  | 0.0  |
| 94°  | 0.0  | 0.0  | 0.0  |
| 95°  | 0.0  | 0.0  | 0.0  |
| 96°  | 0.0  | 0.0  | 0.0  |
| 97°  | 0.0  | 0.0  | 0.0  |
| 98°  | 0.0  | 0.0  | 0.0  |
| 99°  | 0.0  | 0.0  | 0.0  |
| 100° | 0.0  | 0.0  | 0.0  |
| 101° | 0.0  | 0.0  | 0.0  |
| 102° | 0.0  | 0.0  | 0.0  |
| 103° | 0.0  | 0.0  | 0.0  |
| 104° | 0.0  | 0.0  | 0.0  |
| 105° | 0.0  | 0.0  | 0.0  |
| 106° | 0.0  | 0.0  | 0.0  |
| 107° | 0.0  | 0.0  | 0.0  |
| 108° | 0.0  | 0.0  | 0.0  |
| 109° | 0.0  | 0.0  | 0.0  |
| 110° | 0.0  | 0.0  | 0.0  |
| 111° | 0.0  | 0.0  | 0.0  |
| 112° | 0.0  | 0.0  | 0.0  |
| 113° | 0.0  | 0.0  | 0.0  |
| 114° | 0.0  | 0.0  | 0.0  |
| 115° | 0.0  | 0.0  | 0.0  |
| 116° | 0.0  | 0.0  | 0.0  |
| 117° | 0.0  | 0.0  | 0.0  |
| 118° | 0.0  | 0.0  | 0.0  |
| 119° | 0.0  | 0.0  | 0.0  |
| 120° | 0.0  | 0.0  | 0.0  |
| 121° | 0.0  | 0.0  | 0.0  |
| 122° | 0.0  | 0.0  | 0.0  |
| 123° | 0.0  | 0.0  | 0.0  |
| 124° | 0.0  | 0.0  | 0.0  |
| 125° | 0.0  | 0.0  | 0.0  |
| 126° | 0.0  | 0.0  | 0.0  |
| 127° | 0.0  | 0.0  | 0.0  |
| 128° | 0.0  | 0.0  | 0.0  |
| 129° | 0.0  | 0.0  | 0.0  |
| 130° | 0.0  | 0.0  | 0.0  |
| 131° | 0.0  | 0.0  | 0.0  |
| 132° | 0.0  | 0.0  | 0.0  |
| 133° | 0.0  | 0.0  | 0.0  |
| 134° | 0.0  | 0.0  | 0.0  |

REPORT NUMBER: P1445099

CATALOG NUMBER: XAS300-SFPM (5000K-240W-T3-HSS)

**CANDELA DISTRIBUTION (continued):**

|      | 330° | 345° | 360° |
|------|------|------|------|
| 135° | 0.0  | 0.0  | 0.0  |
| 136° | 0.0  | 0.0  | 0.0  |
| 137° | 0.0  | 0.0  | 0.0  |
| 138° | 0.0  | 0.0  | 0.0  |
| 139° | 0.0  | 0.0  | 0.0  |
| 140° | 0.0  | 0.0  | 0.0  |
| 141° | 0.0  | 0.0  | 0.0  |
| 142° | 0.0  | 0.0  | 0.0  |
| 143° | 0.0  | 0.0  | 0.0  |
| 144° | 0.0  | 0.0  | 0.0  |
| 145° | 0.0  | 0.0  | 0.0  |
| 146° | 0.0  | 0.0  | 0.0  |
| 147° | 0.0  | 0.0  | 0.0  |
| 148° | 0.0  | 0.0  | 0.0  |
| 149° | 0.0  | 0.0  | 0.0  |
| 150° | 0.0  | 0.0  | 0.0  |
| 151° | 0.0  | 0.0  | 0.0  |
| 152° | 0.0  | 0.0  | 0.0  |
| 153° | 0.0  | 0.0  | 0.0  |
| 154° | 0.0  | 0.0  | 0.0  |
| 155° | 0.0  | 0.0  | 0.0  |
| 156° | 0.0  | 0.0  | 0.0  |
| 157° | 0.0  | 0.0  | 0.0  |
| 158° | 0.0  | 0.0  | 0.0  |
| 159° | 0.0  | 0.0  | 0.0  |
| 160° | 0.0  | 0.0  | 0.0  |
| 161° | 0.0  | 0.0  | 0.0  |
| 162° | 0.0  | 0.0  | 0.0  |
| 163° | 0.0  | 0.0  | 0.0  |
| 164° | 0.0  | 0.0  | 0.0  |
| 165° | 0.0  | 0.0  | 0.0  |
| 166° | 0.0  | 0.0  | 0.0  |
| 167° | 0.0  | 0.0  | 0.0  |
| 168° | 0.0  | 0.0  | 0.0  |
| 169° | 0.0  | 0.0  | 0.0  |
| 170° | 0.0  | 0.0  | 0.0  |
| 171° | 0.0  | 0.0  | 0.0  |
| 172° | 0.0  | 0.0  | 0.0  |
| 173° | 0.0  | 0.0  | 0.0  |
| 174° | 0.0  | 0.0  | 0.0  |
| 175° | 0.0  | 0.0  | 0.0  |
| 176° | 0.0  | 0.0  | 0.0  |
| 177° | 0.0  | 0.0  | 0.0  |
| 178° | 0.0  | 0.0  | 0.0  |
| 179° | 0.0  | 0.0  | 0.0  |

REPORT NUMBER: P1445099

CATALOG NUMBER: XAS300-SFPM (5000K-240W-T3-HSS)

**CANDELA DISTRIBUTION (continued):**

|      | 330° | 345° | 360° |
|------|------|------|------|
| 180° | 0.0  | 0.0  | 0.0  |

(END OF REPORT)