

# Photometrics Pro

## Luminaire Photometric Report

**Filename:** AST-RWP01B-25WH1CYT1SA1-abc40f-120V-7

**Manufacturer:** SMART LIGHT CO., LTD

**Luminaire Cat:** AST-RWP01B-25WH1CYT1SA1-abc40f

**Lamp Output:** 1 lamp, rated Lumens/lamp: 3282.6

**Max Candela:** 2,696.7 at Horizontal: 135°, Vertical: 4°

**Input Wattage:** 24.81

**Luminous Opening:** Rectangle (L: 6.96", W: 2.16")

**Test:** BLC2005011E-A-R

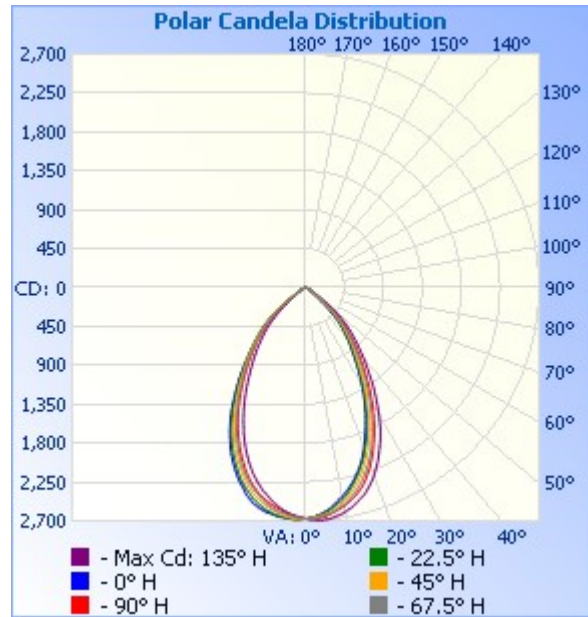
**Test Lab:** Belling Test Laboratory Co., LTD

**Photometry :** Type C

**CIE Class:** Direct

**Cutoff Class:** Cutoff

**Nema Type:** 6 X 6

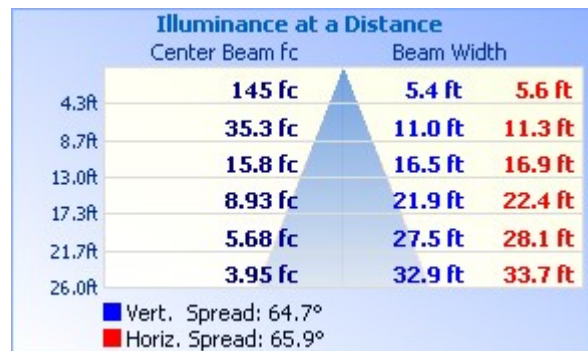


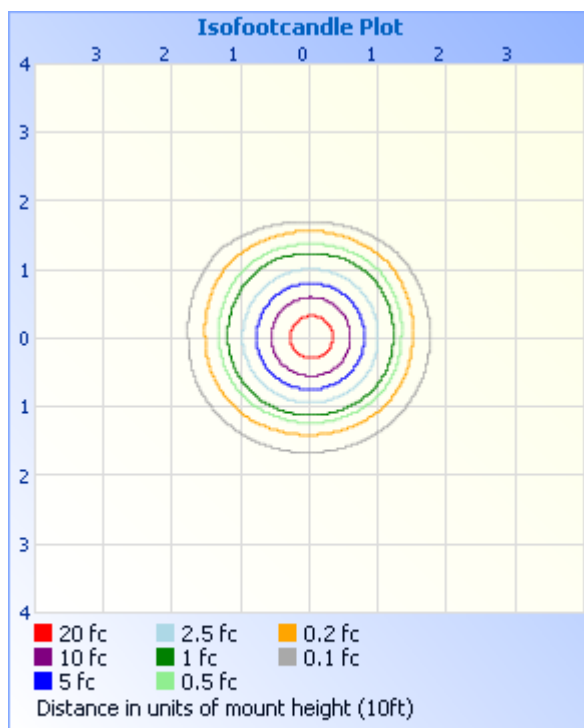
### Zonal Lumen Summary

| Zone   | Lumens  | % Lamp | % Luminaire |
|--------|---------|--------|-------------|
| 0-30   | 1,763.1 | 53.7%  | 53.7%       |
| 0-40   | 2,512.2 | 76.5%  | 76.5%       |
| 0-60   | 3,185.6 | 97%    | 97.1%       |
| 60-90  | 79.4    | 2.4%   | 2.4%        |
| 70-100 | 28.5    | 0.9%   | 0.9%        |
| 90-120 | 5.6     | 0.2%   | 0.2%        |
| 0-90   | 3,265.0 | 99.5%  | 99.5%       |
| 90-180 | 16.9    | 0.5%   | 0.5%        |
| 0-180  | 3,281.9 | 100%   | 100%        |

### Lumens Per Zone

| Zone  | Lumens | % Total | Zone    | Lumens | % Total |
|-------|--------|---------|---------|--------|---------|
| 0-10  | 248.9  | 7.6%    | 90-100  | 2.1    | 0.1%    |
| 10-20 | 666.4  | 20.3%   | 100-110 | 1.8    | 0.1%    |
| 20-30 | 847.8  | 25.8%   | 110-120 | 1.6    | 0%      |
| 30-40 | 749.2  | 22.8%   | 120-130 | 1.8    | 0.1%    |
| 40-50 | 502.0  | 15.3%   | 130-140 | 2.2    | 0.1%    |
| 50-60 | 171.3  | 5.2%    | 140-150 | 2.6    | 0.1%    |
| 60-70 | 53.1   | 1.6%    | 150-160 | 2.4    | 0.1%    |
| 70-80 | 21.3   | 0.7%    | 160-170 | 1.8    | 0.1%    |
| 80-90 | 5.0    | 0.2%    | 170-180 | 0.6    | 0%      |





#### Luminaire Report Summary

IESNA:LM-63-1995  
 [TEST] BLC2005011E-A-R  
 [ISSUEDATE] 2020-5-13 14:31  
 [MANUFAC] ASmart LIGHT CO., LTD  
 [LUMCAT] AST-RWP01B-25WH1CYT1SA1-abc40f  
 [LUMINAIRE]  
 [\_VOLTAGE] 120.0 V  
 [\_CURRENT] 0.208 A  
 [\_POWERFACTOR] 0.993  
 [\_THD] 7.45  
 [TESTLAB] Belling Test Laboratory Co., LTD  
 [\_TESTINST] GPM-3000  
 [\_TESTDIST] 14.040 m [K=1.0000]  
 [\_TESTTEMPERATURE] 25.2 'C  
 [\_TESTHUMIDITY]  
 [\_TESTOPERATOR]  
 [BALLAST]  
 [BALLASTCAT]  
 FILE: CANDELA MULTIPLIER: 1  
 FILE: VERTICAL ANGLES: 181, HORIZONTAL ANGLES: 17  
 FILE: COORDINATE SYSTEM: TYPE C  
 FILE: UNIT OF MEASURE: STANDARD  
 FILE: BALLAST FACTOR: 1

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 Reported data calculated from manufacturer's data file, based on IES recommended methods.