

# Photometrics Pro

## Luminaire Photometric Report

**Filename:** AST-RWP01B-80WW1CYT1SA2-abc40f-120V-10.65

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

**Luminaire Cat:** AST-RWP01B-80WW1CYT1SA2-abc40f

**Lamp Output:** 1 lamp, rated Lumens/lamp: 10963.9

**Max Candela:** 9,042.3 at Horizontal: 112.5°, Vertical: 3°

**Input Wattage:** 77.29

**Luminous Opening:** Rectangle (L: 6.96", W: 4.32")

**Test:** BLC2005011E-E-R

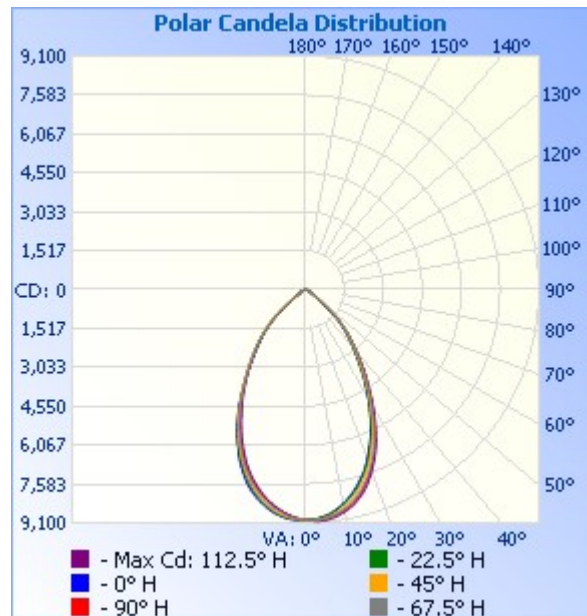
**Test Lab:** Belling Test Laboratory Co., LTD

**Photometry :** Type C

**CIE Class:** Direct

**Cutoff Class:** Cutoff

**Nema Type:** 6 X 6

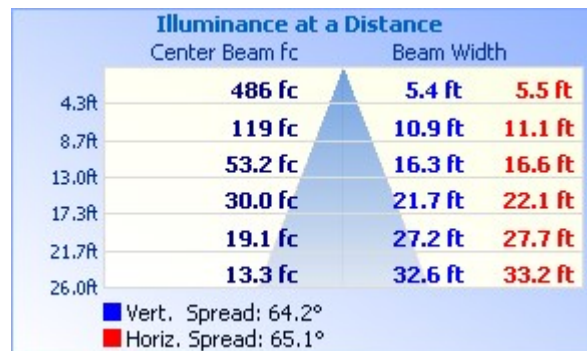


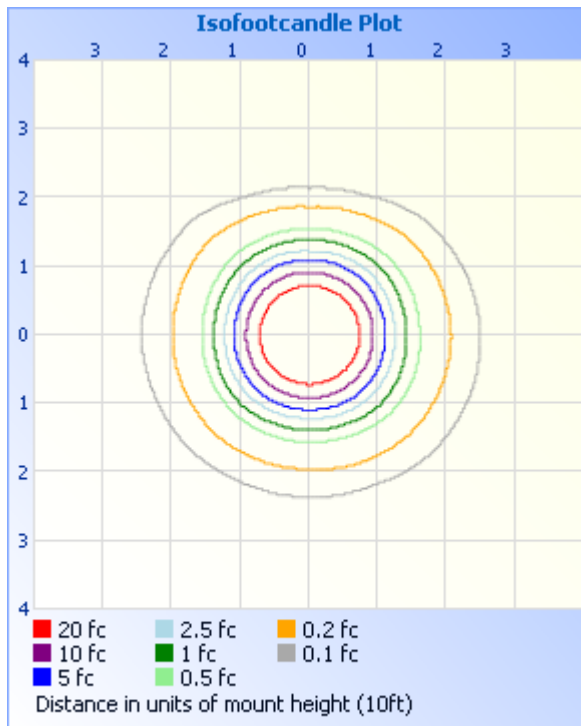
### Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	5,898.4	53.8%	53.8%
0-40	8,363.0	76.3%	76.3%
0-60	10,515.9	95.9%	95.9%
60-90	331.0	3%	3%
70-100	149.6	1.4%	1.4%
90-120	47.9	0.4%	0.4%
0-90	10,846.9	98.9%	99%
90-180	114.8	1%	1%
0-180	10,961.6	100%	100%

### Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	837.7	7.6%	90-100	17.1	0.2%
10-20	2,236.1	20.4%	100-110	16.2	0.1%
20-30	2,824.6	25.8%	110-120	14.7	0.1%
30-40	2,464.6	22.5%	120-130	14.7	0.1%
40-50	1,633.6	14.9%	130-140	14.4	0.1%
50-60	519.3	4.7%	140-150	14.1	0.1%
60-70	198.5	1.8%	150-160	12.2	0.1%
70-80	100.2	0.9%	160-170	8.5	0.1%
80-90	32.3	0.3%	170-180	3.0	0%





#### Luminaire Report Summary

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IESNA:LM-63-1995
[TEST] BLC2005011E-E-R
[ISSUEDATE] 2020-6-10 15:16
[MANUFAC] ASmart LIGHT CO., LTD
[LUMCAT] AST-RWP01B-80WW1CYT1SA2-abc40f
[LUMINAIRE]
[LAMPCAT]
[LAMP]
[_VOLTAGE] 120.0 V
[_CURRENT] 0.652 A
[_POWERFACTOR] 0.995
[_THD] 10.84
[TESTLAB] Belling Test Laboratory Co., LTD
[_TESTINST] GPM-3000
[_TESTDIST] 14.040 m [K=1.0000]
[_TESTTEMPERATURE] 25.6 '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.