



Smart LED Lighting

100W LED Street Light Fixture

Outdoor Pole/Arm-Mounted Area and Roadway Luminaire

Listed to UL 1598 / CSA C22.2#250.0



Features & Benefits:

- LM-82 Tested at 25~50°C • U.S. Pat. D906,565S
- TM-21 139,000 Hrs @ 45°C •
- 20KV/10KA Surge Protection •
- High Power Factor • Low THD •
- 7-Pin NEMA Socket + Shorting Plug •
- High Efficacy 170 Lm/W • High CRI •
- EN 62471 Photobiological Safety RG0 •
- 10-Years | 100,000 Hours Warranty (*) •
- Dimmable, Photocell & Wireless Ready •



Model	Product	Size	Power	Flux	Equivalent
STL-100W-30K-277V	LED Street Light 100W 3000K 277V	L: 24½" W: 11½" H: 5 / 5¼"	100W	15,900 Lumens	600W HPS
STL-100W-40K-277V	LED Street Light 100W 4000K 277V	————— L: 62cm W: 29cm H: 13 / 15cm	100W	15,900 Lumens	600W MH/HPS
STL-100W-55K-277V	LED Street Light 100W 5500K 277V		100W	15,900 Lumens	600W MH

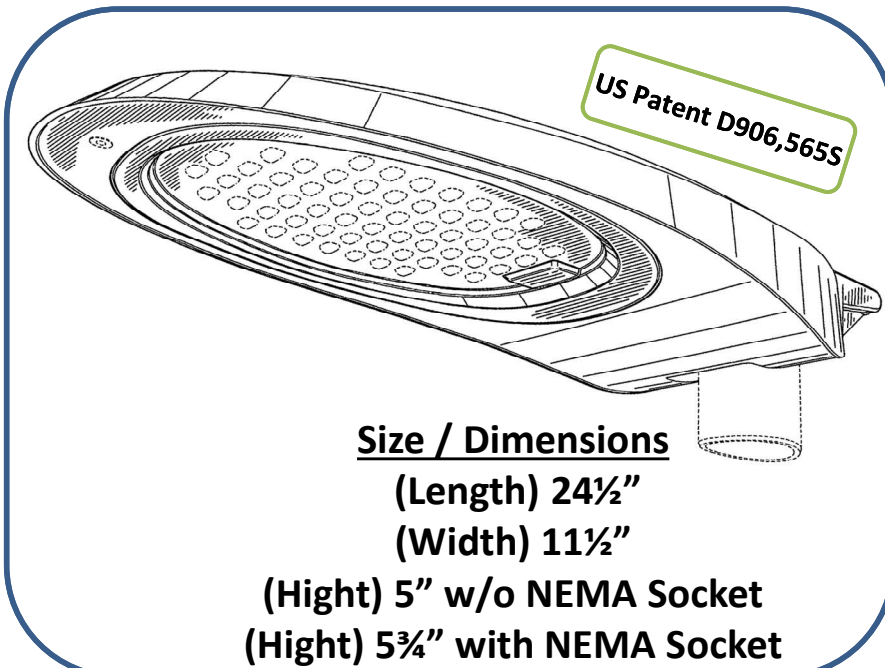
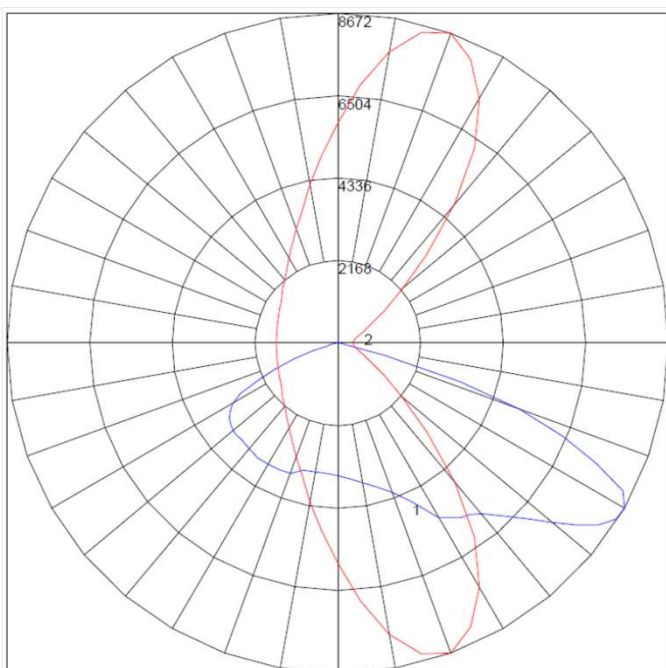
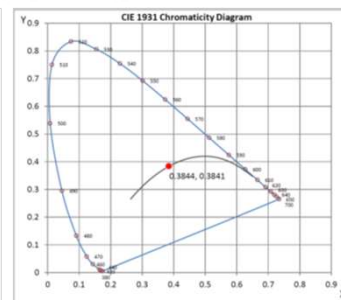
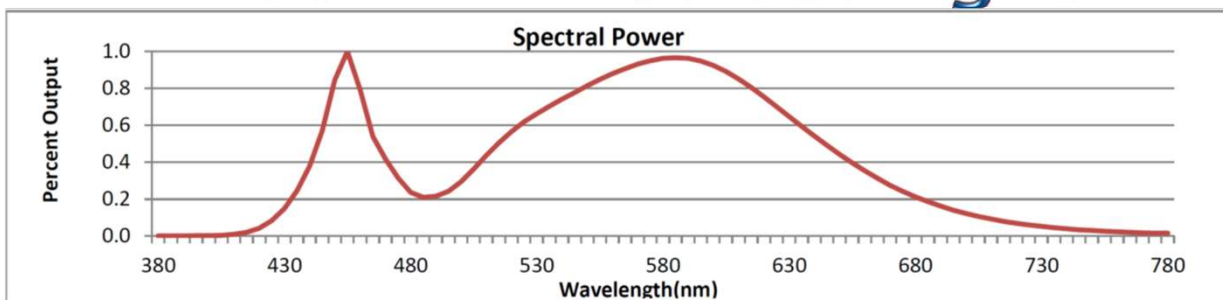
- "277V" 120-277Vac ~50/60Hz • P.F. > 0.9 • THD < 20% • Pigtail Wire/Cable Connection •
- EN 62471 Photobiological Safety Risk Group 0 • 170 Lumen per Watt • CRI ≈ 75 •
- Color Temp. (CCT) 55K = 5500K, 40K = 4000K (Standard), 30K = 3000K ±10% •
- Operating Temperature Range -20°F to 120°F (-30°C to 50°C) •
- Pass ANSI C136.31 Vibration Test 1.5G for Road & 3G for Bridges & Tunnel •
- (*) Rated Life (L₇₀ B₅₀) 100,000 Hrs. at T_A 25°C & 50,000 Hrs. at T_A 45°C Max. •



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Size / Dimensions

(Length) 24½"

(Width) 11½"

(Height) 5" w/o NEMA Socket

(Height) 5¾" with NEMA Socket

Model	Product	Power	Equivalent
STL-100W-40K-277V	LED Street Light 100W 4000K 277V	100W	600W MH/HPS
Input Voltage	Power/Power Factor	Efficacy	Flux
120-277Vac ~50/60Hz	100W P.F. ≈ 0.97	170 lm/W	15,900 Lumen
Color Rendering	Color Temperature	Beam Angle	Rated Life
CRI 75	30K ÷ CCT 3000K ±10% 40K ÷ CCT 4000K ±10% 55K ÷ CCT 5500K ±10%	150°x75°	10-Years / (L ₇₀ B ₅₀) 100 KHrs T _[A] 25°C Max 50 KHrs T _[A] 45°C Max