LED STREET LIGHT (SMD)

PRODUCT DESCRIPTION

Introducing our LED Street Light- a beacon of innovation and efficiency designed to transform urban and suburban landscapes. Illuminate your streets with confidence, knowing that you've invested in a lighting solution that combines cutting-edge technology with reliability.

Key Features:
Step into the future of street lighting with our LED Street Light. Engineered for superior performance, it features advanced LED technology, providing brilliant illumination with remarkable energy efficiency. The durable construction ensures longevity, making it a cost-effective and sustainable choice for urban residential environments.

Usage and Applications:
Versatile and powerful, our LED Street Light Versatile an is tailored for various urban and suburban applications. Whether lighting up city enhance visibility, safety, and overall streets, residential neighborhoods, commercial areas, this luminaire is designed to aesthetics. Its adaptability makes it suitable for a wide range of outdoor lighting needs.

Compatibility and Replacement:
Say goodbye to outdated street lighting systems. Our LED Street Light is designed for seamless compatibility, making it an ideal replacement for traditional streetlights. Upgrade effortlessly and enjoy the benefits joy the benefits of enhanced brightness, reduced energy consumption, and a longer lifespan, contributing to a more sustainable and eco-friendly urban environment.

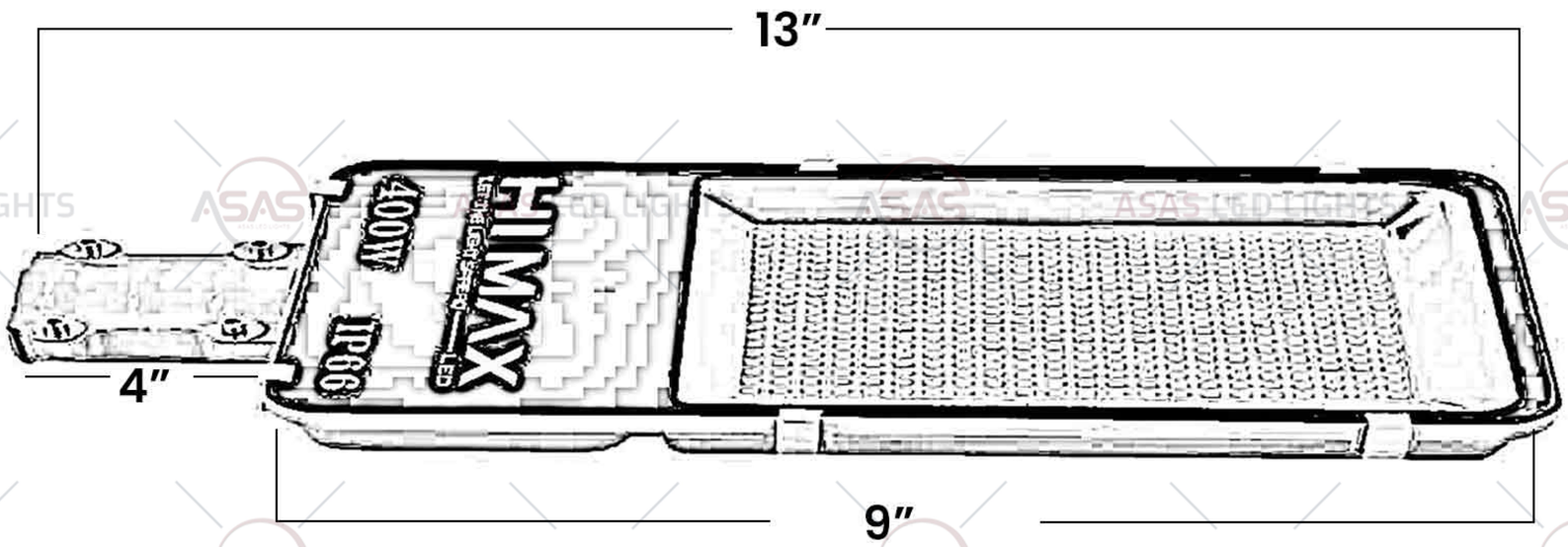
Warranty and Support:
Your satisfaction is our commitment. Our LED Street Light comes with a reliable two-year warranty, reflecting our confidence in its quality and performance. Rest easy knowing that you're backed by our dedicated customer support, ready to assist with any inquiries or concerns.

Elevate your urban and suburban lighting experience with our LED Street Light. Illuminate the path to a brighter, more sustainable future while enjoying the benefits of cutting-edge technology and reliable performance

APPLICATION AREAS

- Roadways
- Residential Areas
- Industrial Zones Parking Lots
- Public Spaces and Parks
- Bike Lanes
- Airport and Transportation Facilities High Traffic Intersections
- Smart City Initiatives

DIMENSIONS



GENERAL SPECIFICATION

Brand Name	HIMAX
Product Name	HIMAX
Lamp Type	Directional
Model No	ST 200W, ST 300W, ST 400W
Rated Power	200W, 300W, 400W
Input Voltage & Frequency	AC85-265V 50/60Hz
CCT	3000K, 6500K
Ra	>80
PF	>0.90
Rated Lumen Flux (ILM)	26000 LM, 39000 LM, 52000 LM
Rated Efficiency (Lumen/Watt)	130LM/W
Body Color	Black & Gary
LED	High Power SMD Led Chips
Dimension(mm)	530×230×90
BA	100®
Warranty	3-Years
Body Material: High Strength Aluminum	Body Material: High Strength Aluminum
Protection Grade	IP66

CHARACTERISTIC CURVES

Spectral Power Distribution Characteristics

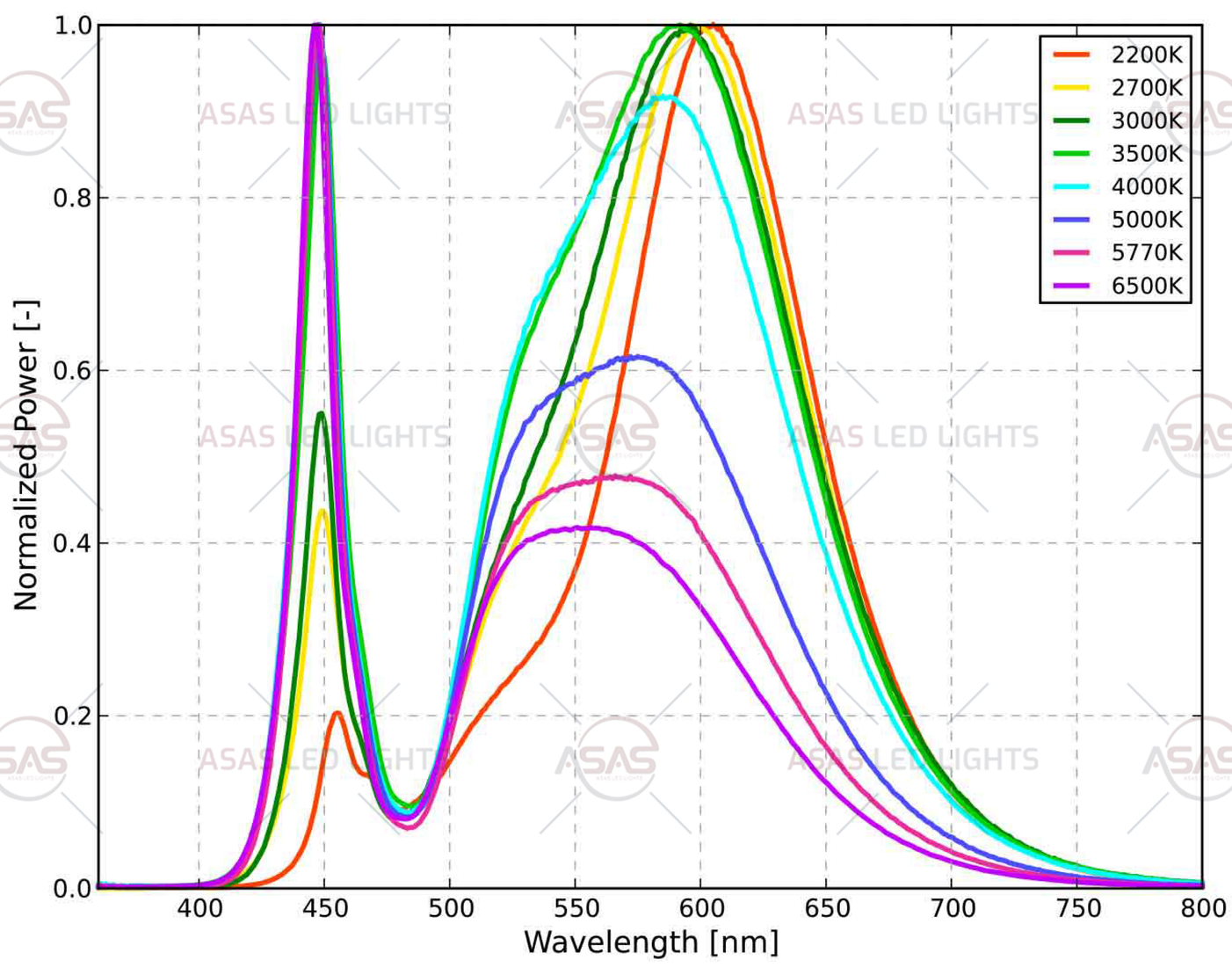


Figure 1a. Typical normalized power vs. wavelength for L150-xx7050xx000x0 at test current, T_j=25°C .

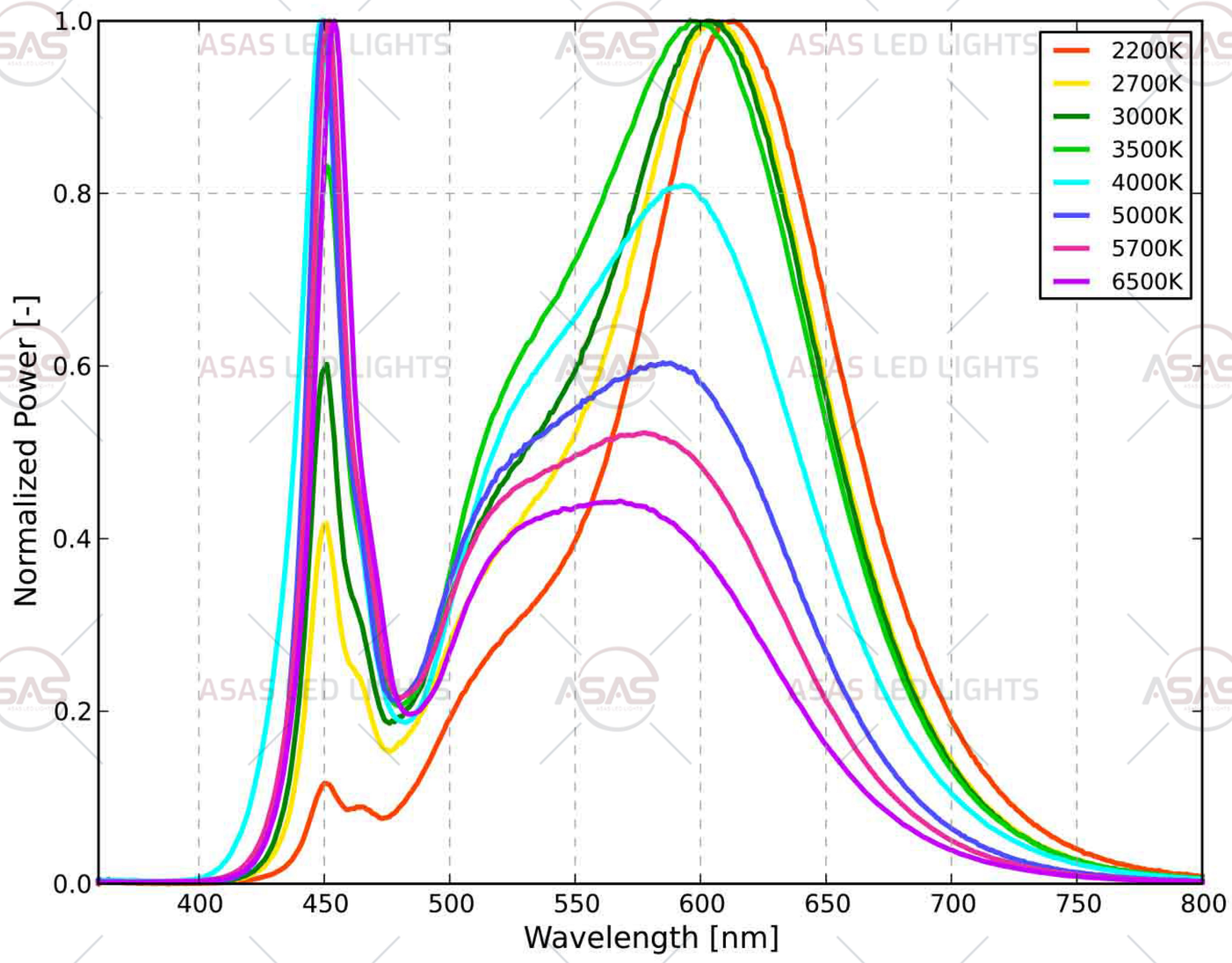


Figure 1b. Typical normalized power vs. wavelength for L150-xx8050xx000x0 at test current, T_j=25°C .

COLOR BIN DEFINITIONS

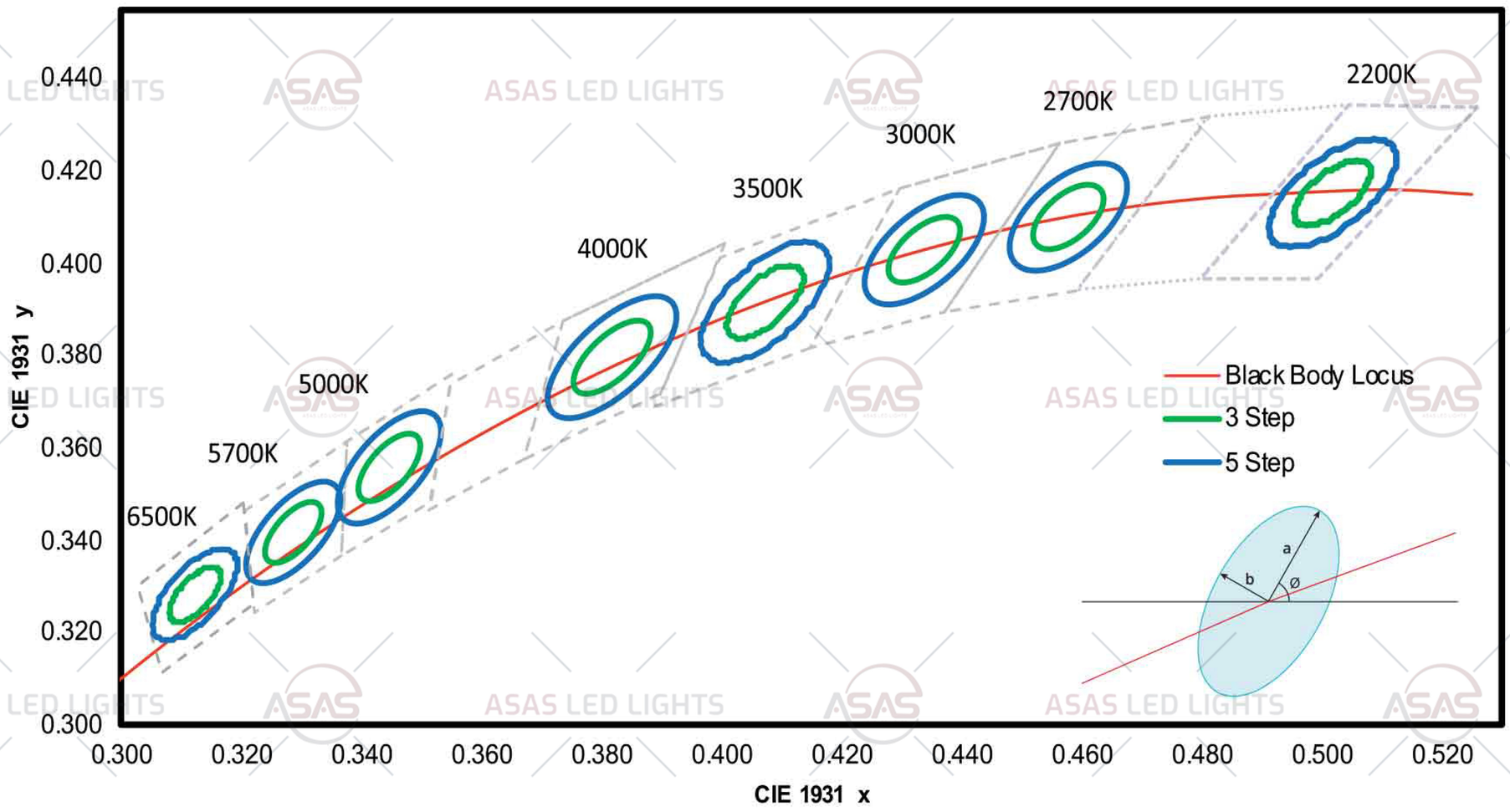


Figure 7. 3- and 5-step MacAdam ellipse illustration for hot-color targeting expected at 85°C.

Table 6. 3- and 5-step MacAdam ellipse color bin definitions for LUXEON 5050 at test current, hot-color targeted at T_j=85°C .

mI al cc	c l PacE	cE E P I [1] (cx, cy)	maJ aXI , a	mI aXI , b	EIIIP E a l a lE, θ	l XE 5050 (lE) c l BI c E	l XE 5050 (a E lE) c l BI c E
2200K	Single 3-step MacAdam ellipse	(0.5018, 0.4153)	0.00863	0.00398	49.27°	3	A3
2700K	Single 3-step MacAdam ellipse	(0.4578, 0.4101)	0.00810	0.00420	53.70°	3	83
3000K	Single 3-step MacAdam ellipse	(0.4338, 0.4030)	0.00834	0.00408	53.22°	3	73
3500K	Single 3-step MacAdam ellipse	(0.4073, 0.3917)	0.00927	0.00414	54.00°	3	63
4000K	Single 3-step MacAdam ellipse	(0.3818, 0.3797)	0.00939	0.00402	53.72°	3	53
5000K	Single 3-step MacAdam ellipse	(0.3447, 0.3558)	0.00822	0.00354	59.62°	3	33
5700K	Single 3-step MacAdam ellipse	(0.3287, 0.3417)	0.00745	0.00320	59.09°	3	23
6500K	Single 3-step MacAdam ellipse	(0.3123, 0.3282)	0.00669	0.00285	58.57°	3	13
2200K	Single 5-step MacAdam ellipse	(0.5018, 0.4153)	0.01438	0.00663	49.27°	5	A5
2700K	Single 5-step MacAdam ellipse	(0.4578, 0.4101)	0.01350	0.00700	53.70°	5	85
3000K	Single 5-step MacAdam ellipse	(0.4338, 0.4030)	0.01390	0.00680	53.22°	5	75
3500K	Single 5-step MacAdam ellipse	(0.4073, 0.3917)	0.01545	0.00690	54.00°	5	65
4000K	Single 5-step MacAdam ellipse	(0.3818, 0.3797)	0.01565	0.00670	53.72°	5	55
5000K	Single 5-step MacAdam ellipse	(0.3447, 0.3558)	0.01370	0.00590	59.62°	5	35
5700K	Single 5-step MacAdam ellipse	(0.3287, 0.3417)	0.01243	0.00533	59.09°	5	25
6500K	Single 5-step MacAdam ellipse	(0.3123, 0.3282)	0.01115	0.00475	58.57°	5	15

Notes for Table 6:
1. Lumileds maintains a tolerance of ±0.005 on x and y coordinates in the CIE 1931 color space.