

Product Overview



Project _____

Location _____

Part Number _____

Type _____

Qty _____

Features

Optics:

Lights have available type III, IV or V optics. Performance is comparable to 90-1000W HPS. IP66 rated light engines provide 0% uplight and restrict backlight to within sidewalk depth, ensuring optimal pole spacing and optimal coverage. CRI >80

Electrical:

Expected Life: LED light engines are rated at >100,000 hours at 25°C, L70. Driver has expected life of 100,000 hours at 25°C ambient. Lower energy consumption, saves an estimated 40-60% over HID. Robust Surge Protection: Provides a minimum of ANSI C136.2 10kV/5kA protection. Each fixture equipt with wire leads for quick conneciton.

Applications:

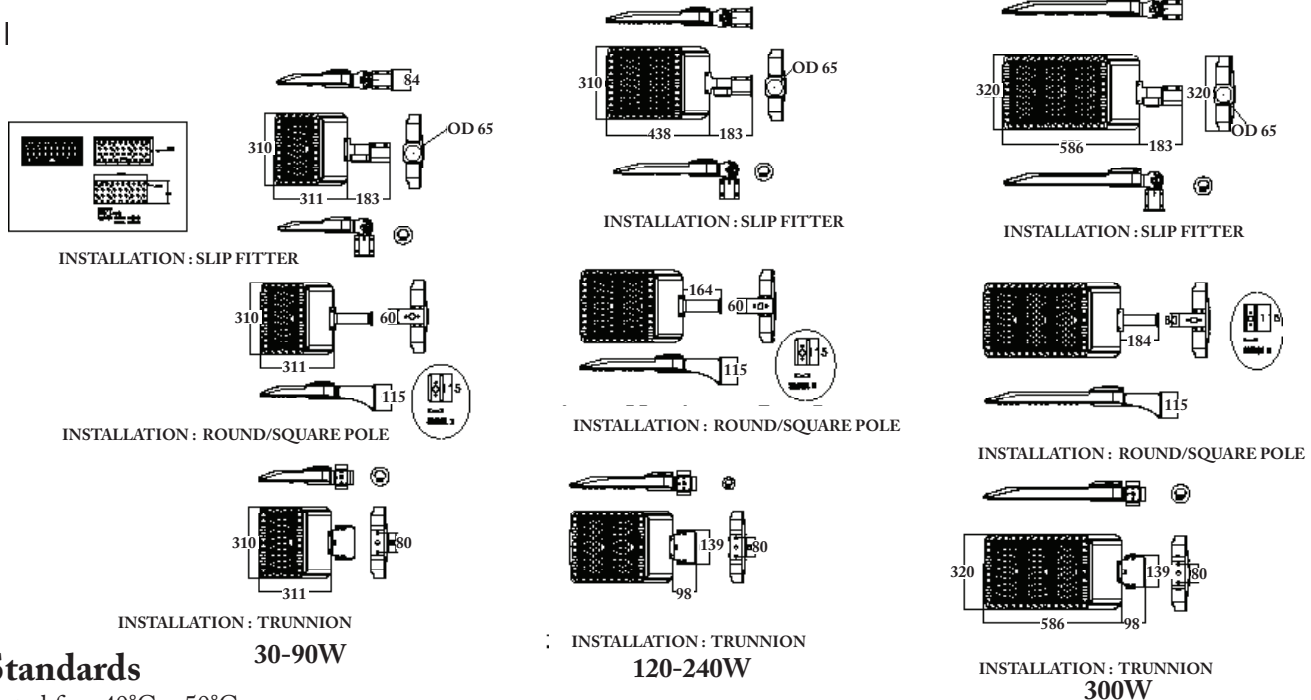
- Roadways
- Off Ramps
- Residential Streets
- Parking Lots

Mechanical:

Each light comes equipt with a rugged die-cast housing which is polyester powder-coated for durability and corrosion resistance. Arm mount provides a 3G rating per ANSI C136.31.

Controls:

NEMA 3 pin receptacle is standard with the ANSI 5 or 7 pin receptacle option available. Premium solid state locking photocontrol - PCSS (10 year rated life).



Standards

Rated for -40°C ~ 50°C
 CSA Certifid to USA and Canadian Standards
 Complies with ANSI: C136.2, C136.10, C136.31, C136.15, C136.37
 UL & DLC Certified



Ordering Information

Ordering Guide

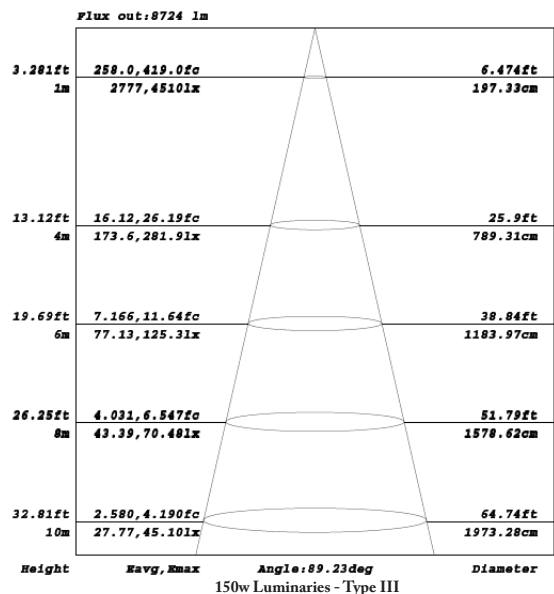
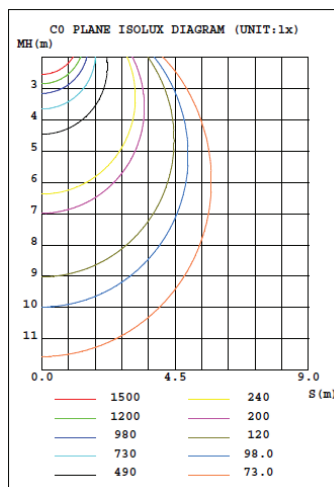
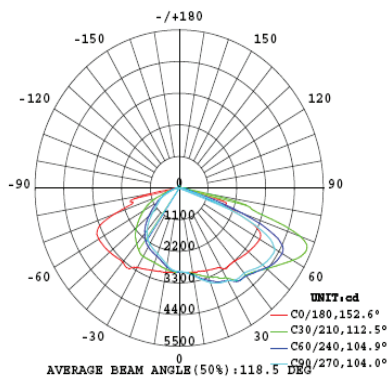
Example: SBSTL-150-UNIV-R3-4K-NON-P7-BK-SLP

Product Class	Wattage	Voltage	Optics	LED Color ¹	Driver Dimming ²	Controls ⁴	Finish	Options
SBSTL LED Roadway Light	30 40 60 80 90 120 150 200 240 300	UNIV 110-277VAC HV 200-480VAC	R3 R4 R5	3K 3000K 4K 4000K 5K 5000K 6K 6000K	Non Non Dimming Driver 0/10 0-10v Dimming (Controls by others)	P3 3 Pin Photo control P5 5 Pin photo control P7 7 Pin photo control DM 0-10V dimmer SH Shorting Cap NON No cap - Sealed Case	BK Black GR Grey BZ Bronze	SLP Slip Fitter connection (2.5" or 3") RND Round or Square pole mount TRU "U" shaped bracket "trun-nion" (yoke) VS Full Visor - controls light spill CBL Pre-wired cable 3, 5, 10 ft options

1 Each LED color carries a >70 CRI
 2 Dimming 0-10V is controlled by different control method. Ask sales rep for info
 3 All luminaires standard with 10kV/5kA SPD Surge Protection
 4 Photocell part number # SBSTL-PHTO

Light Distribution

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



Performance

Watts	Optics	4000K CCT		LLD @ 25°C			
		Delivered Lumens	Efficacy (LPW)	50k Hours	75k Hours	100k Hours	
30	R3	4212	140	.98	.97	.96	
	R4	4191	140	.98	.97	.96	
	R5	4291	140	.98	.97	.96	
40	R3	5577	139	.98	.97	.96	
	R4	5549	139	.98	.97	.96	
	R5	5680	139	.98	.97	.96	
60	R3	8425	140	.98	.97	.96	
	R4	8383	140	.98	.97	.96	
	R5	8582	140	.98	.97	.96	
90	R3	12728	141	.97	.96	.95	
	R4	12665	141	.97	.96	.95	
	R5	12965	141	.97	.96	.95	
120	R3	17573	146	.97	.96	.95	
	R4	17485	146	.97	.96	.95	
	R5	17900	146	.97	.96	.95	
150	R3	21063	145	.95	.93	.90	
	R4	20958	145	.95	.93	.90	
	R5	21455	145	.95	.93	.90	
200	R3	28886	144	.95	.93	.90	
	R4	28743	144	.95	.93	.90	
	R5	29424	144	.95	.93	.90	
240	R3	34423	144	.93	.90	.88	
	R4	34251	144	.93	.90	.88	
	R5	35064	144	.93	.90	.88	
300	R3	43631	145	.93	.90	.88	
	R4	43413	145	.93	.90	.88	
	R5	44443	145	.93	.90	.88	

NOTE: Information above is based on 4000k nominal system. Individual fixture performance may vary.

Roadway LLD Multiplier	15°C	20°C	25°C	30°C	40°C
	1.02	1.01	1	.98	.95

To calculate the LLD for a temp other than 25°C, multiply the LLD @ 25°C by the LLD multiplier for the selected temp.



Brilled Lighting 156 S 600 W, Logan, UT 84321
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Warranty 10 Year limited warranty. Complete warranty terms are located at: www.BrilledLighting.com
 Actual performance may differ as a result of end user environment and application.
 All values are design or typical values, measured under laboratory conditions at 25°C.
 Specifications subject to change without notice.