



# Tri

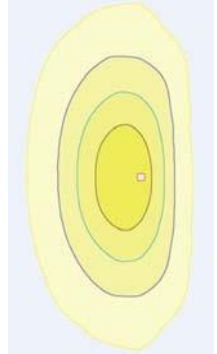
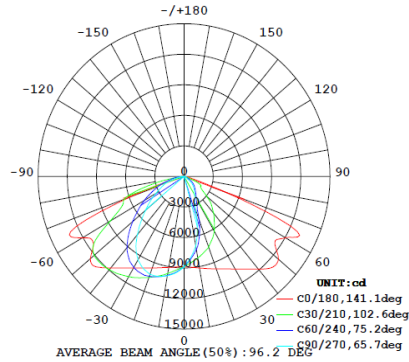
## 300W LED street light Specification



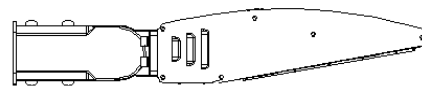
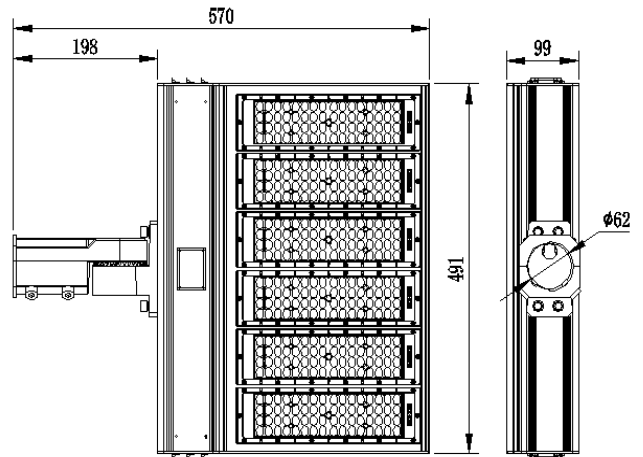
### Parameters

Product Model	L-ST10-300
LED Chip Brand	Nichia
Light Efficiency	140lm/W
Luminous Flux	42000lm
Color Temperature	4500 ~ 5500K(2500 ~ 5500K optional)
Beam Angle	65*140° ( 50*130° optional )
Total Power Consumption	300W±5W
Output Current	5.9A (Constant Current)
Output Voltage	DC 42 ~ 48V
Net Weight	9 kg±0.4kg
Light Dimensions	L570mm×W491mm×H99mm
Light Package Dimensions	L642mm×W562mm×H177mm

### Light Distribution



### Physical Dimensions



≥0.95	75 Ra	IP65	≥100000 Hrs	AC 100-277V	47-63Hz
Power Factor	CRI	IP Level	Lifespan	Input Voltage	Power Frequency

### Others

Power Efficiency	Working Temperature (Environment)	Heat Sink Surface Temperature
≥92%	-40°C ~ +45°C	65°C (Room Temperature 30°C)
Fixture Efficiency	Working Humidity (Environment)	Luminaire Base Temperature
≥90%	15% ~ 90%RH	72°C (Room Temperature 30°C)
Total Harmonic Distortion	Storing Condition	LED Power Consumption
≤15%	-40°C ~ +65°C	276W±5W

Suitable for Highway, Roadway, Streetscape, Walkway, Parking lot, Plant road and Other Lighting

