

# Tri

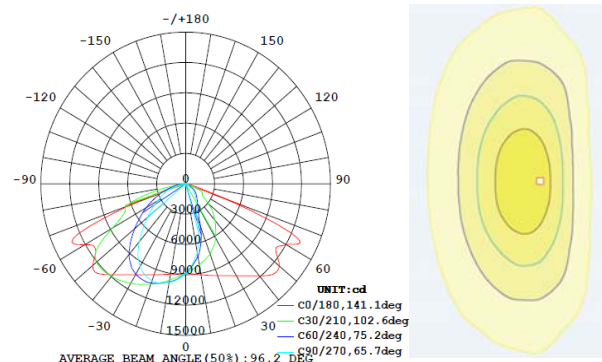
## 100W LED Street Light Specification



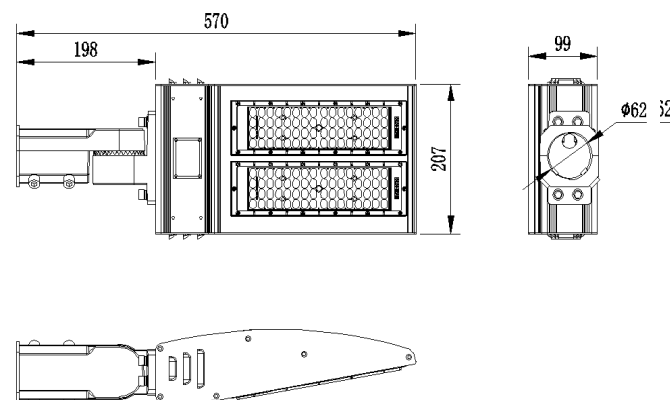
### Parameters

<b>Product Model</b>	YHL-ST10-100
<b>LED Chip Brand</b>	Nichia
<b>Light Efficiency</b>	140lm/W
<b>Luminous Flux</b>	14000lm
<b>Color Temperature</b>	4500 ~ 5500K(2500 ~ 5500K optional)
<b>Beam Angle</b>	65*140° ( 50*130° optional)
<b>Total Power Consumption</b>	100W±5W
<b>Output Current</b>	2.0A ( Constant Current )
<b>Output Voltage</b>	DC 42 ~ 48V
<b>Net Weight</b>	5.8kg±0.3kg
<b>Light Dimensions</b>	L570mm×W207mm×H99mm
<b>Light Package Dimensions</b>	L642mm×W277mm×H177mm

### Light Distribution



### Physical Dimensions



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

### Others

<b>Power Efficiency</b>	<b>Working Temperature (Environment)</b>	<b>Heat Sink Surface Temperature</b>
≥92%	-40°C ~ +50°C	53°C (Room Temperature 30°C)
<b>Fixture Efficiency</b>	<b>Working Humidity (Environment)</b>	<b>Luminaire Base Temperature</b>
≥90%	15% ~ 90%RH	63°C (Room Temperature 30°C)
<b>Total Harmonic Distortion</b>	<b>Storing Condition</b>	<b>LED Power Consumption</b>
≤15%	-40°C ~ +65°C	92W±5W

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