

Tri

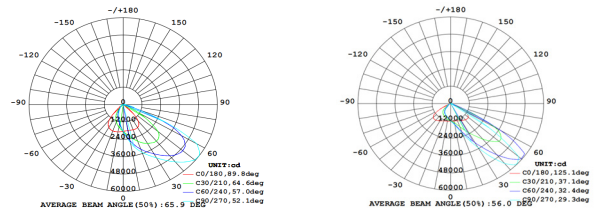
500W LED Area Light Specification



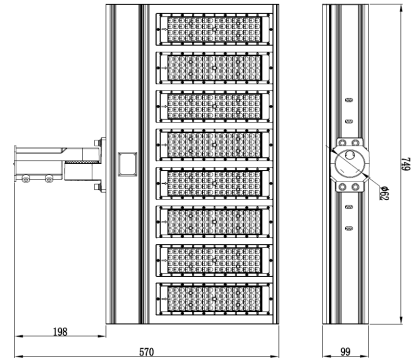
Parameters

Product Model	YHL-ST10-500
LED Chip Brand	Nichia
Light Efficiency	140lm/W
Luminous Flux	70000lm
Color Temperature	5000K(2700K/3000K/4000K/5700K Optional)
Beam Angle	DA5U-01 (DA5W-03 Optional)
Total Power Consumption	500W±25W
Net Weight	13.9 kg±0.6kg
Light Dimensions	L749mm×W570mm×H99mm
Light Package Dimensions	L840mm×W645mm×H180mm

Light Distribution



Physical Dimensions



≥0.95	70 Ra	IP66	≥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
≥93%	-40°C ~ +40°C	62.59°C (Room Temperature 25°C)
Fixture Efficiency	Working Humidity (Environment)	Luminaire Base Temperature
≥90%	15% ~ 90%RH	70.2°C (Room Temperature 25°C)
Total Harmonic Distortion	Storing Condition	LED Power Consumption
≤15%	-40°C ~ +65°C	465W±25W

Suitable for Tennis Courts, Basketball Courts, Small Football Fields and other outdoor small-area lighting areas.