



# THE GAME CHANGER

## LOW GLARE • HIGH UNIFORMITY

New Edge tennis court light is a specifically engineered lighting solution for outdoor tennis court and other court lighting applications. Its high-performance LEDs and precise optics produce superior levels of illumination and uniformity while throwing the light forward toward the court which reduces light pollution.

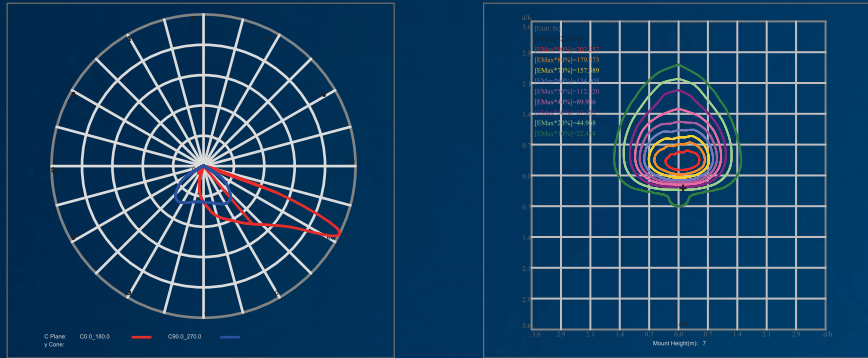
Compared with HID systems, these products reduce energy consumption by up to 75%. Gone are the days of the 1,000-watt metal halides that took 10+ minutes to start up and the high maintenance cost due to the very short lamp life of the halides.





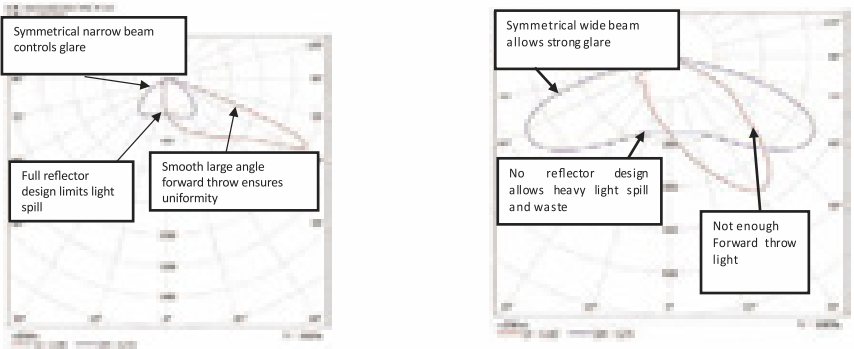
# PHOTOMETRICS

30×120° (TYPE IV-VS)

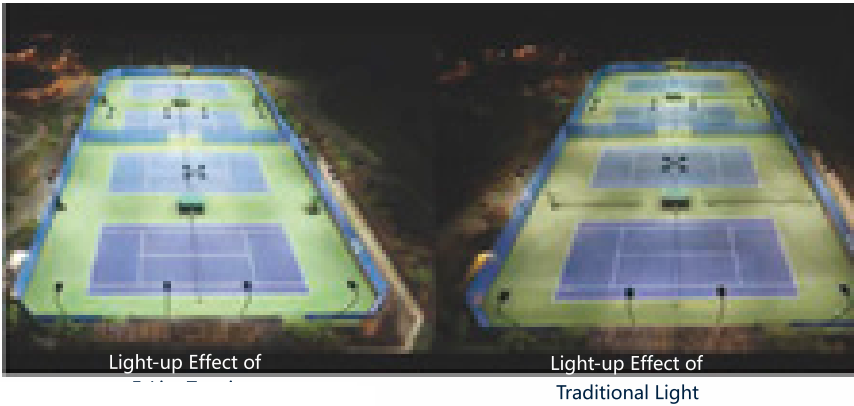


# GLARE CONTROL & LIGHT UNIFORMITY COMPARISON

Glare free lens design ensures player's safety and comfortableness.



Specific photometric increases the uniformity of light, while reducing the light spill outside the court.



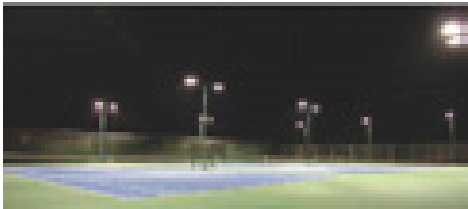


# SPECIFICATION GUIDE FOR TENNIS COURT LIGHTING

	Horizontal Illuminance	Uniformity of Illuminance	GR	Color Temperature	Color Rendering
	$E_h$ average (lux)	$E_{min}/E_h$ ave	GR	(K)	Ra
Competition	500 ~ 750	> 0.7	< 30	> 4000	> 80
Club	300 ~ 500	> 0.7	< 30	> 4000	> 70
Recreational	150 ~ 300	> 0.6	< 50	> 2000	> 20

## SELECTION GUIDE FOR COURT

Competition Level	600W E-Lite LED Tennis Court Light
Club Level	400W E-Lite LED Tennis Court Light
Recreational Level	240W E-Lite LED Tennis Court Light





# PRODUCT FEATURES



System  
Light Efficacy  
155-160lm/W



Extremely high  
lumen uniformity



IP66 Water  
Proof Rated  
Housing



IK10 Rated for  
Impact Resistance



3G Vibration  
Rating



Glare-Free  
Lens Design for  
Tennis Court



No Tilting of  
the Fixtures



Minimum Lighting  
Spill Outside  
the Court



Five Years  
Warranty  
( may be extended to 10 years )



# PERFORMANCE

	240W / 400W / 600W
	150~155lm/W
	Philips Lumileds
	100-277 VAC (347/480 VAC Optional) Dimming Optional
	0.95 min
	Sosen
	≥70
	4500~5500K (2500~6500K Optional)
	L70>150,000hours
	30x120°
	IP66
	IK10
	Operating Temperature:-45°C to +60°C (-49°F to 140°F) Storing Temperature:-45°C to +80°C (-49°F to 176°F)





## SPECIFICATIONS

Part#	Power	Efficacy (IES)	Total Lumens	N.W	Product Dimension
EL-NED-240(TC)	240W	155LPW	37,200lm	7.9kg/17.4lbs	684x404x91mm 26.9x15.9x3.6in
EL-NED-400(TC)	400W	155LPW	62,000lm	14.8kg/32.6lbs	684x592x91mm 26.9x23.3x3.6in
EL-NED-600(TC)	600W	150LPW	90,000lm	18.3kg/40.3lbs	684x780x91mm 26.9x30.7x3.6in



# INSTALLATION

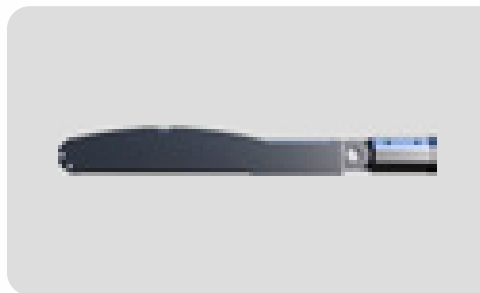
For high performance and long term reliability, the light should be installed in free air.

## Slip Fitter Mount

1. Unlock the screws,adjust the angle of slip fitter.
2. Feed the power cord through the pole and make wiring.
3. Slide the fixture onto the pole,lock the screws.

## Horizontal Arm Mount

1. Open extended arm lower cap.
2. Feed power cable through extended arm, Wiring.
3. Put the two bolts into the extended arm, and tight the hex nuts from inside of the extended arm.
4. Install arm upper cap.



# ORDERING INFORMATION

