

# DIAMOND PRO

Up To 170 lm /w  
Diamond Die-cutting design



IP65



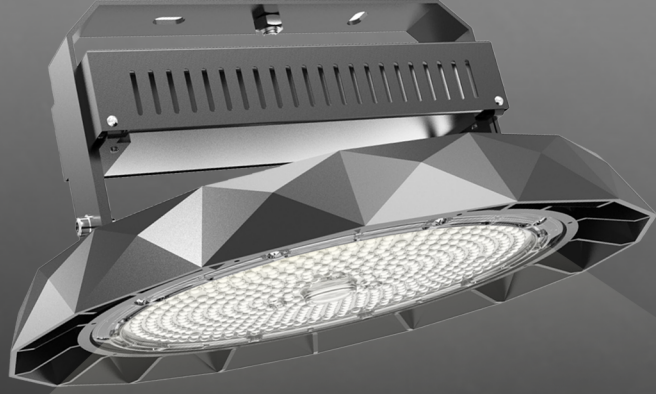
IK09



Internal: DM 6KV / CM 10KV  
External: 10KV / 20KV



WARRANTY





An artistic design integrated with a professional structure. offering durability and endurance for reliable illumination and a long lifetime minimizing the need for frequent replacements.

## • APPLICATION



 Workshop	 Industrial Halls	 Large Areas
 Factories	 Warehouses	 Airplane Hangars
 Electromechanical Room	 Sport Facilities	 Exhibition Center

## • CHARACTERISTICS & SPECIFICATIONS TABLE


### Technical Parameters

Input:	100-277V   50/60Hz
Power Factor:	>0.97 @ 220V full load   >0.90 @ 100-277V full load
THD:	<10 @ 220V full load   <20 @ 100-277V full load
Surge protection options (kV)	Internal: DM 6KV / CM 10KV External: 10KV / 20KV
Electrical class:	Class I 
Working Temp (ta):	-30°C to +60°C
Operating Humidity:	10-90% RH
Color Temperature :	

### Features

Housing :	Die-casting   Aluminium
Mounting:	Loop Hanging, Bracket Mounting
Optics :	Polycarbonate (PC)
Body Finish:	Electrostatic polyester powder-coated
Body Color:	RAL 9017 black
Lifetime :	L70B50 > 100,000h   L80B20 > 50,000h
LED Type:	SMD2835
Emergency Backup:	Option
Dimming:	0-10V/1-10V/PWM/ Resistor dimming 
Switching Cycles:	>50,000 times
Flicker Free:	

## • PERFORMANCE

Model	Power	Efficiency	System Lumen	Beam Angle	CRI	Source
	100W		17,000lm			
NLC-DP	150W	170lm/W	25,500lm	60°,90°,120°	Standard: >70 Optional: >80	
	200W		34,000lm			
	240W		40,800lm			

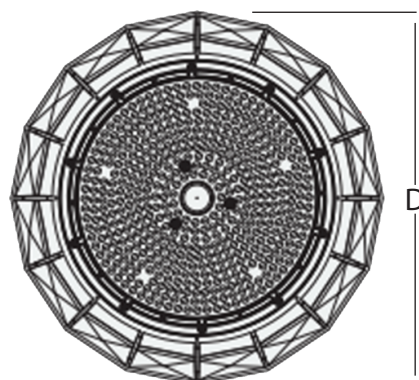
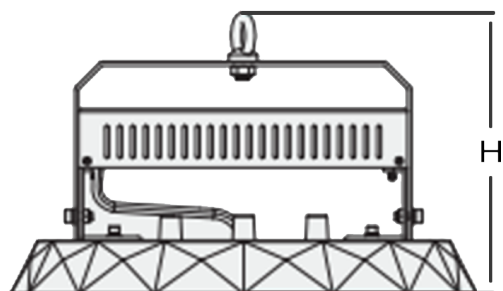
\*Above values are calculated based on the product with CCT 4000K

\*Values shown are subject to ±10% tolerance

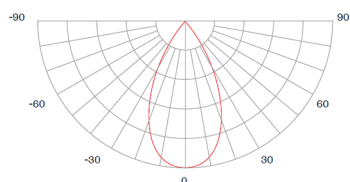
## • Drawing

Ensure IP65 protection when connecting the cable •

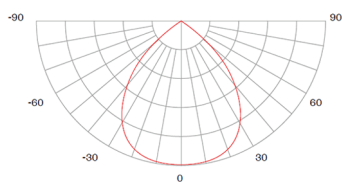
100W	150W	200/240W
D280 x H179mm	D320 x H179mm	D360 x H179mm



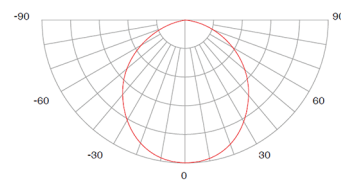
## • LIGHT DISTRIBUTIONS CURVE



60°



90°



120°



## • Certificates



**CB**



**RoHS**

**CE**



Street 77, Second Industrial City  
P.O. Box 353, Dammam-3141



Tel: +966-(013) 812-2020  
Fax: +966-(013) 812-2250



info@nlc.com.sa  
www.nlc.com.sa