



**ULTRA HIGH BRIGHTNESS 160LM/W**  
**LED HIGH BAY**  
**FASTER PAYBACK BACK,**  
**HIGHER ENERGY-SAVING**  
**MORE COMPETITIVE PRICE**



# GEN-X LED HIGHBAY SERIES



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# GEN-X LED HIGHBAY SERIES

## FEATURES

160 LM/W LED, special SMD package, design for high-brightness.

75W=250W HID

95W=400W HID

135W= +400W HID

quick connect, driver.

Phase-change Heatsink to ensure best heat dissipation.

competative pricing and high quality.

Light, smart, and professional fixture design.



5599



N30145

LM-79

LM-80



Energy-saving 60%



LEDECO LIGHTING

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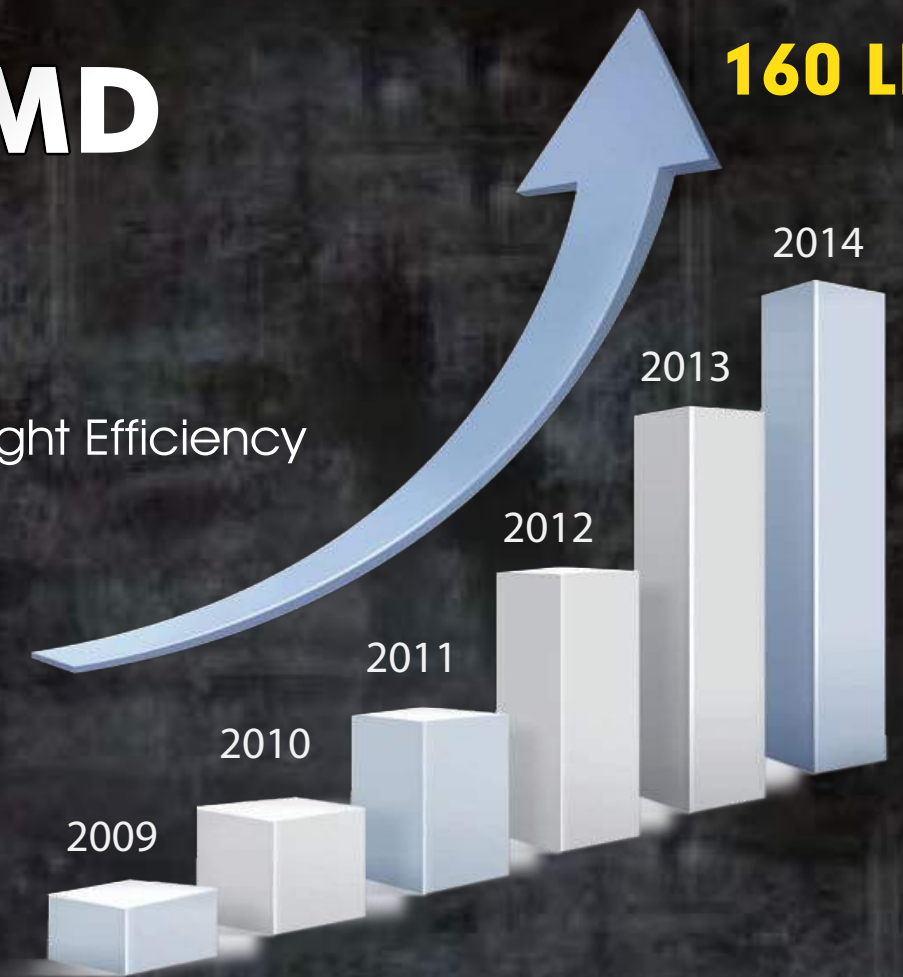
LEDECOLIGHTING  
CREATING A SMARTER & BRIGHTER FUTURE



# 160 LM/W SMD

160 LM/W

Light Efficiency



*"LED ECO LIGHTING reaches new heights never before seen with there state of the art 160LM/W ultra high-brightness LED HIGHBAY series which is bound to take the lighting industry by storm"*

## COMPARISON BETEWEEN STANDARD 100lm/W LED HIGHBSYS AND GEN - X 160 lm/W LED LED HIGHBAYS

**Standard 120w LED highbay = 75W GEN - X Highbay**

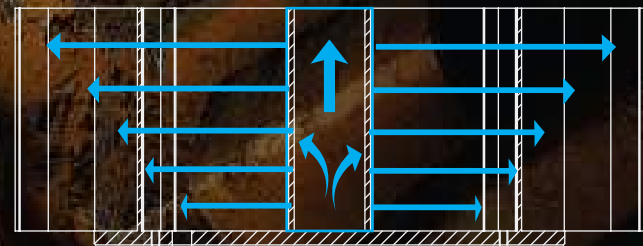
**Standard 160w LED highbay = 95W GEN - X Highbay**

**Standard 220w LED highbay = 135W GEN - X Highbay**

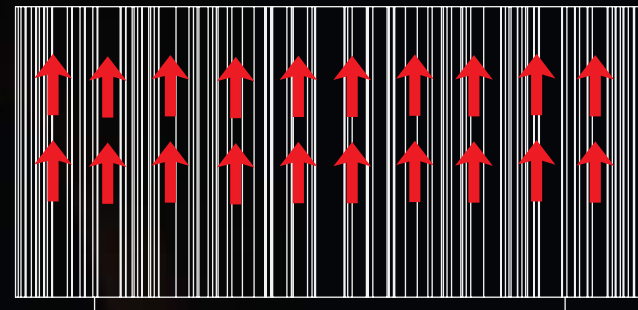




# Phase-change heat dissipation techniques



Phase-change radiator



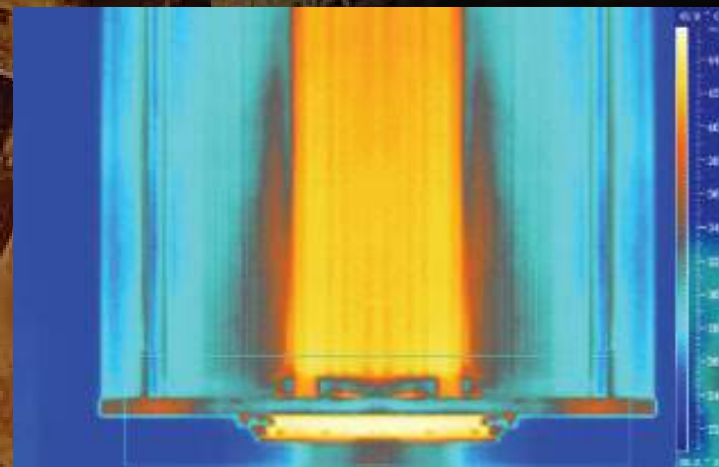
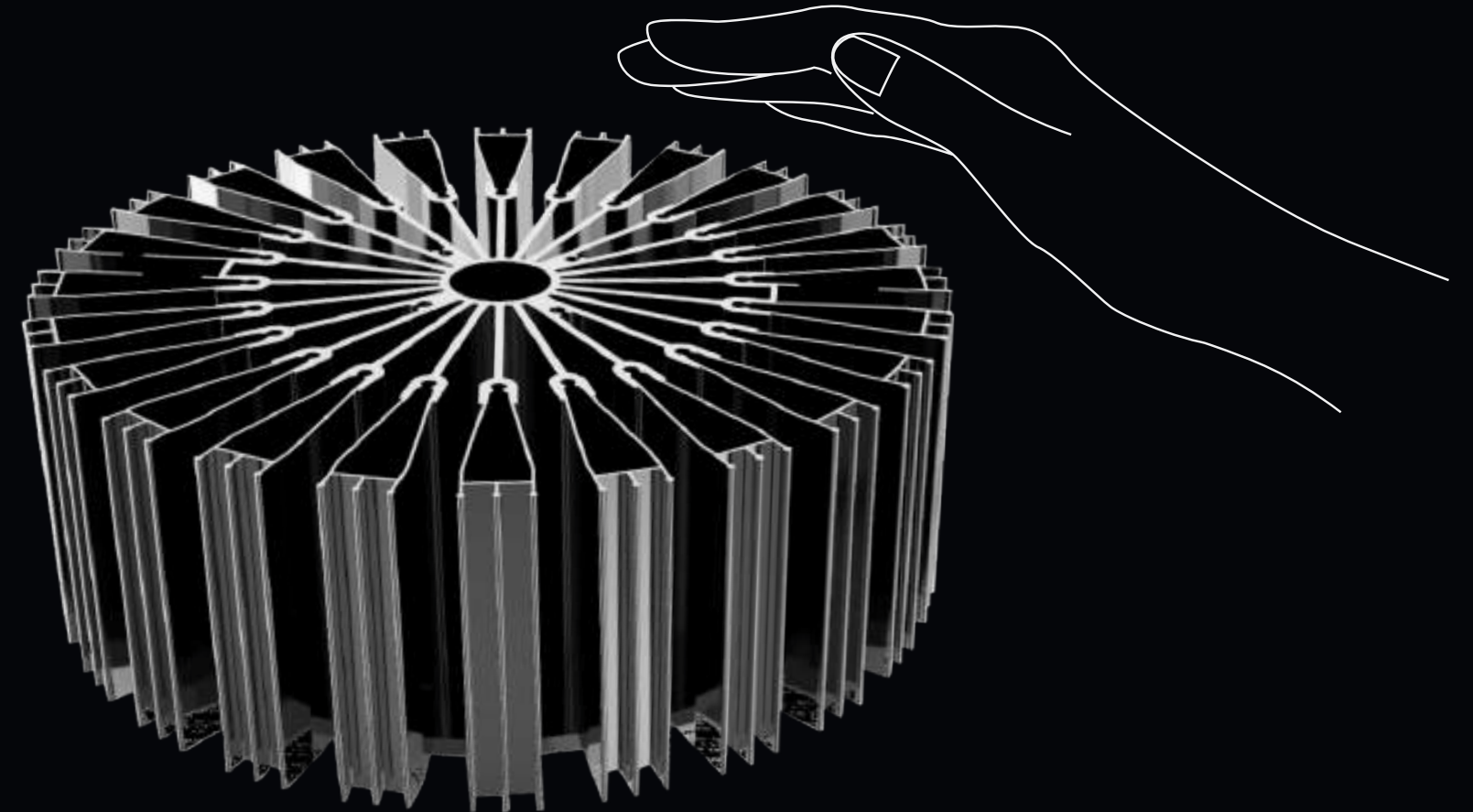
traditional radiator



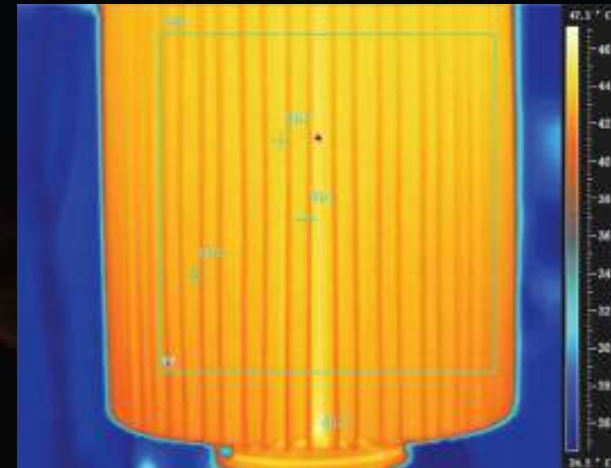
Please touch me! !

(The temperature is **under 45°C** after 8 hours operation)

45°C



The heat is only conducted in the middle of Phase-change radiator at the beginning



The heat can be conducted to the whole Phase-change heatsink in the end and the temperature is

**under 45°C**

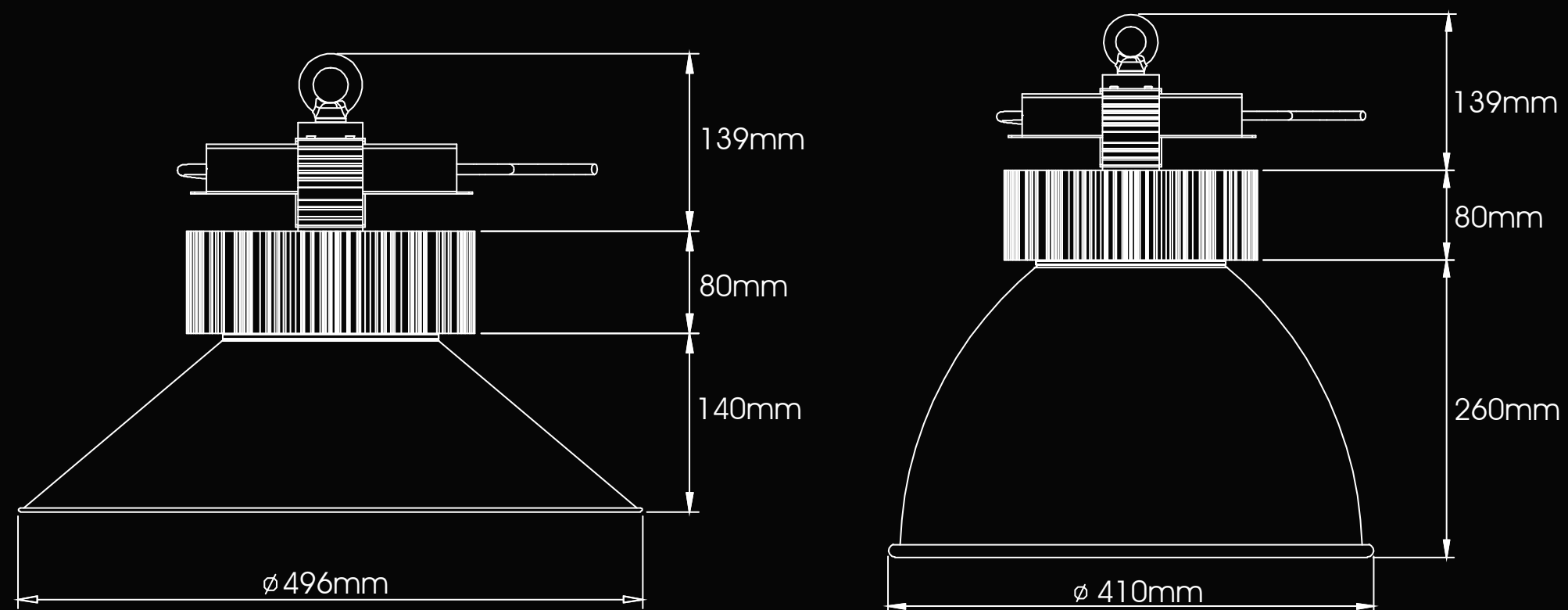
Phase-change heatsink is designed by the combination of special alloy material. It can disipate the heat very quickly. The Phase-change heatsink can control the temperature of lamp through the heat conduction heat convection and heat radiation. It makes the LED chips achieve high output, lower light decay and long-lifespan.

## SPECIFICATION

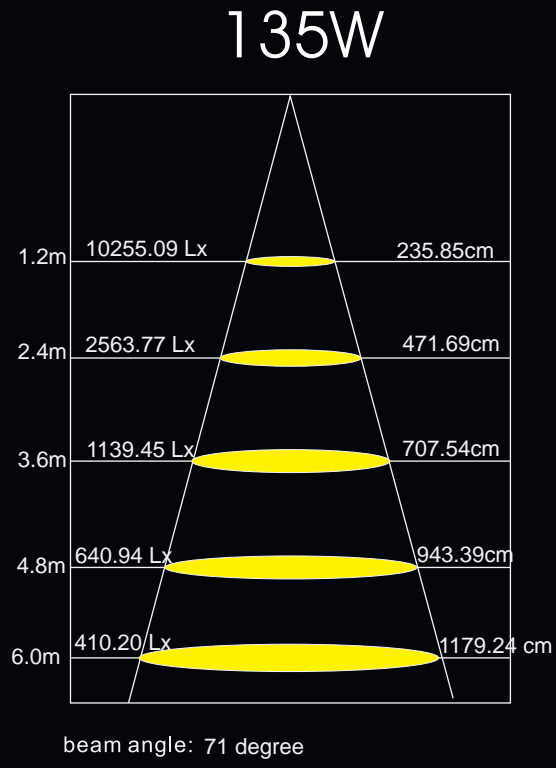
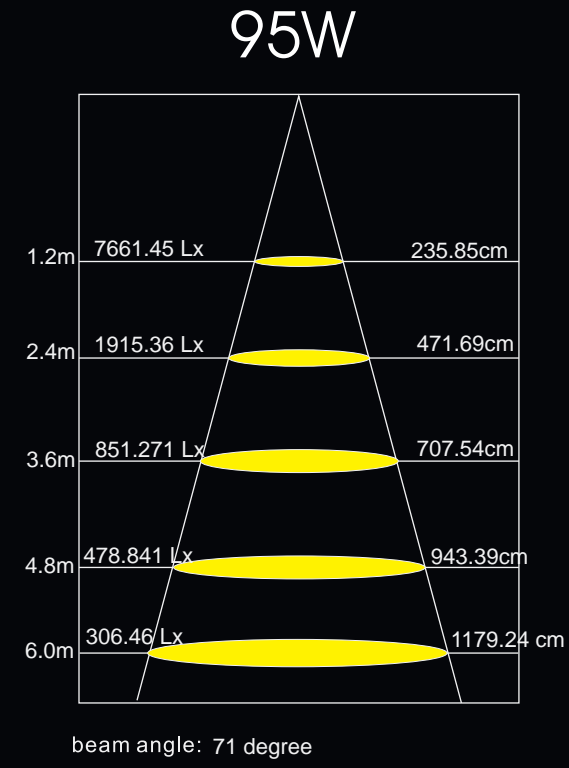
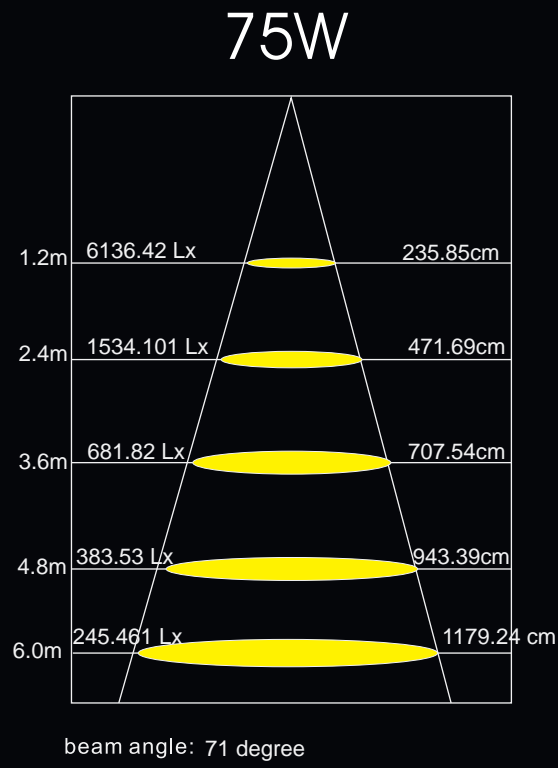
Model	Power	Voltage	Power factor	Light color	Luminous	CCT	CRI	Beam angle	D	E	H
HBL75W	75W	100-240V	>0.95	Warm white	11250 LM	2700-3300K	>80	71°/120°	410mm/496mm	185mm	479mm/359mm
				Pure white	11625 LM	3800-4600k					
				Cool white	11850 LM	5500-6500K					
HBL95W	95W	100-240V	>0.95	Warm white	14250 LM	2700-3300K	>80	71°/120°	410mm/496mm	185mm	479mm/359mm
				Pure white	14725 LM	3800-4600k					
				Cool white	15010 LM	5500-6500K					
HBL135W	135W	100-240V	>0.95	Warm white	20250 LM	2700-3300K	>80	71°/120°	410mm/496mm	225mm	479mm/359mm
				Pure white	20925 LM	3800-4600k					
				Cool white	21330 LM	5500-6500K					

Parameter	Rating	Units
Aluminum Heat sink Temperature	≤45	° C
Operating Temperature	-10~40	° C
Storage Temperature	-30~65	° C

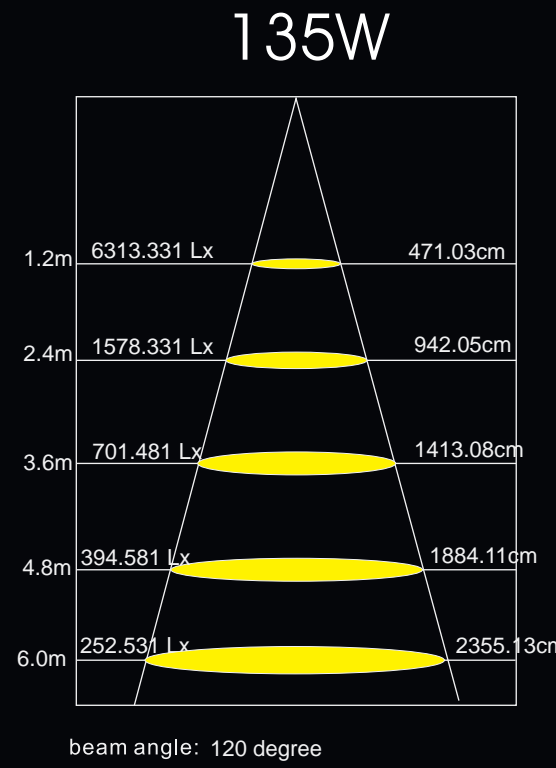
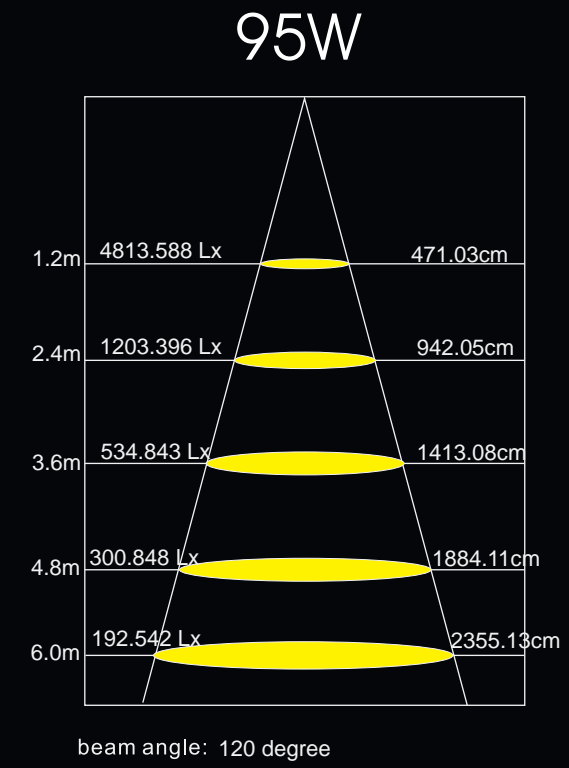
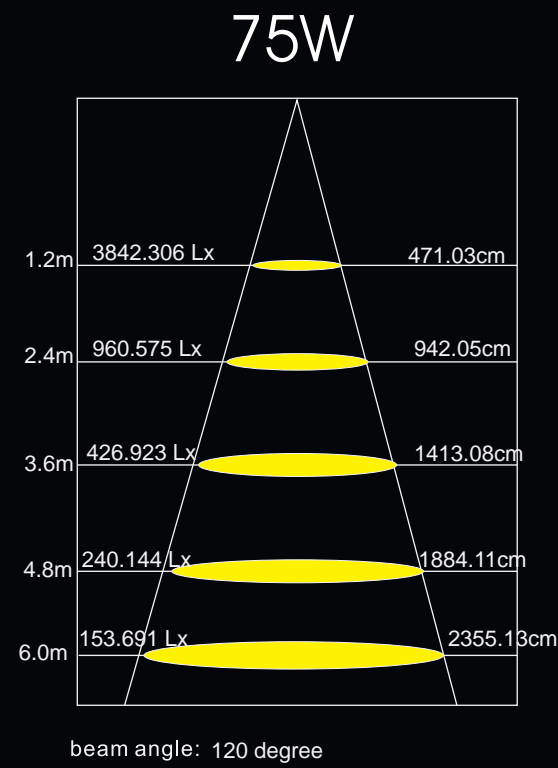
## SIZE



**LIGHT DISTRIBUTION & LUX**



Aluminium Reflector 71 degree



Aluminium Reflector 120 degree