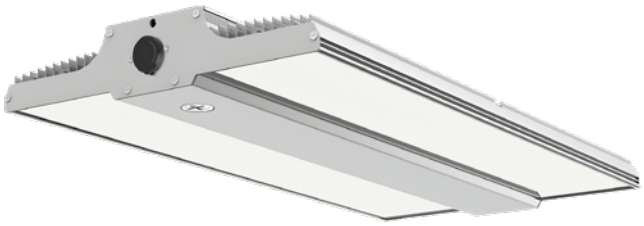
LED LINEAR HIGH BAY

KEY FEATURES

E500183

* Unique and exquisite appearance design
* Stretched aluminum shell, better heat dissipation performance, longer lifespan
* Ultra-thin design, larger area illumination
* Front light-emitting structure, high-transmittance PC diffusion cover, uniform light
* Available DC photocell sensor for selection
* Adjustable wattages: 100W/ 150W/ 200W/ 240W/ 300W/ 400W
* Adjustable CCT: 3000K/ 4000K/ 5000K
* Voltage rating: 100-277V AC
* 5-Year warranty
* UL CUL CE DLC rated
* The CCT adjustable feature for 400W will be available in the future.



CCT Adjustable	Power Adjustable
CCT 3000K	W 60%
4000K	80%
5000K	100%

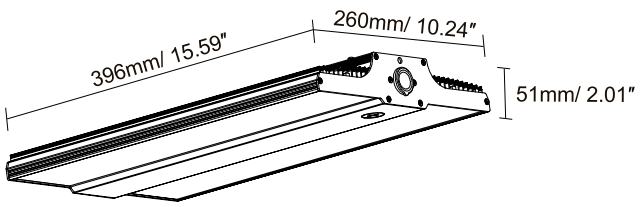
APPLICATIONS

Widely used in offices, workshops, hospitals, shops, corridors, parking lots, showrooms, clubs and other indoor places.

DIMENSIONS

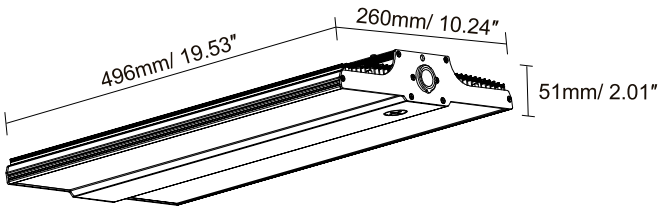
100W/ 150W

Weight:3300g/ 7.26 lbs



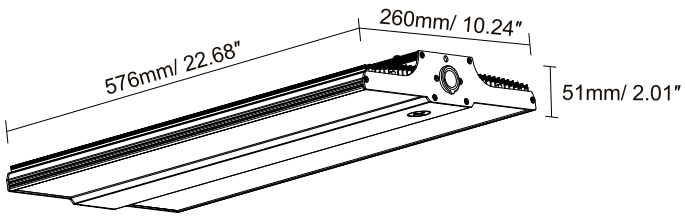
200W/ 240W

Weight:3800g/ 8.38 lbs



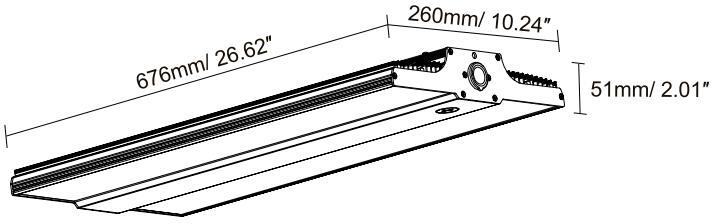
300W

Weight:4300g/ 9.48 lbs



400W

Weight:4800g/ 10.58 lbs

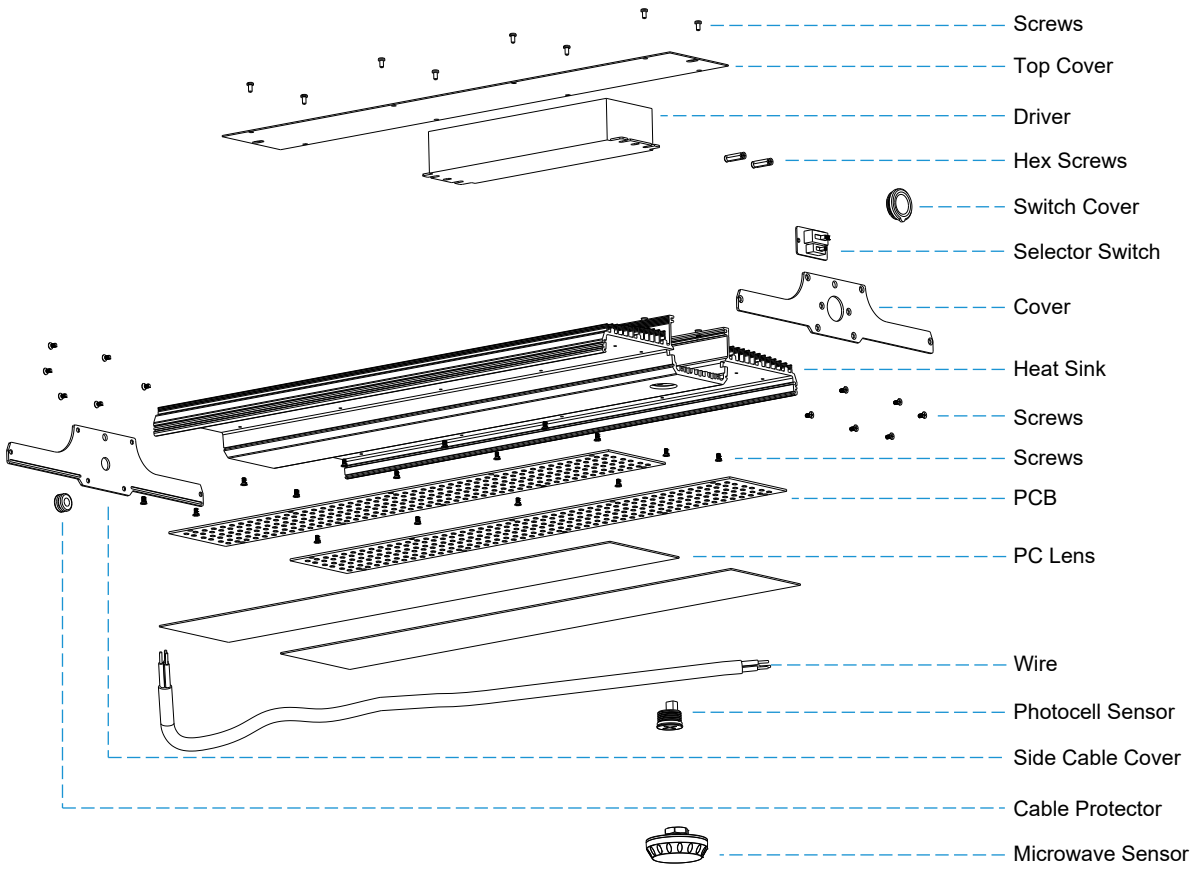


Model	CCT	Lumen (±10%lm)	Efficacy (±10%)	Beam Angle	LED/ Qty.	Power (±10%)	Voltage/ Frequency	Working Temperature	Protection Grade	CRI	PF	Dimming
NG-LHB-100W	3000K 4000K 5000K	15000	150LM/W	120°	SMD3030 - 200pcs	100W	AC100-277V 50/60Hz	-40℃~40℃ (-40℉~104℉)	IP44	≥80	>0.9	0-10V
NG-LHB-150W		22500				150W						
NG-LHB-200W		30000			SMD3030 - 320pcs	200W						
NG-LHB-240W		36000				240W						
NG-LHB-300W		45000			SMD3030 - 480pcs	300W						
NG-LHB-400W		60000			SMD3030 - 588pcs	400W						

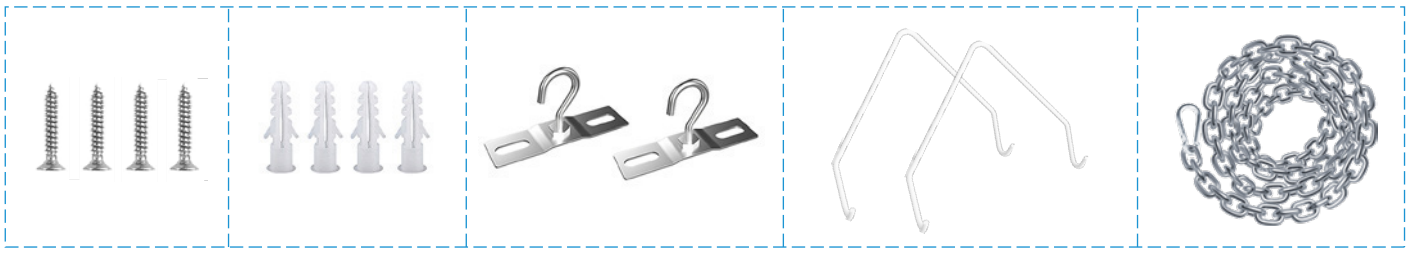
*The number of LED chips in the adjustable CCT version is doubled.

STRUCTURE

* The accessories of the light may differ as per the function changes.



ACCESSORIES



M4 Screws | Plastic Anchors | Mounting Clips | Hook | Suspend Chain 4ft

INSTALLATION INSTRUCTIONS

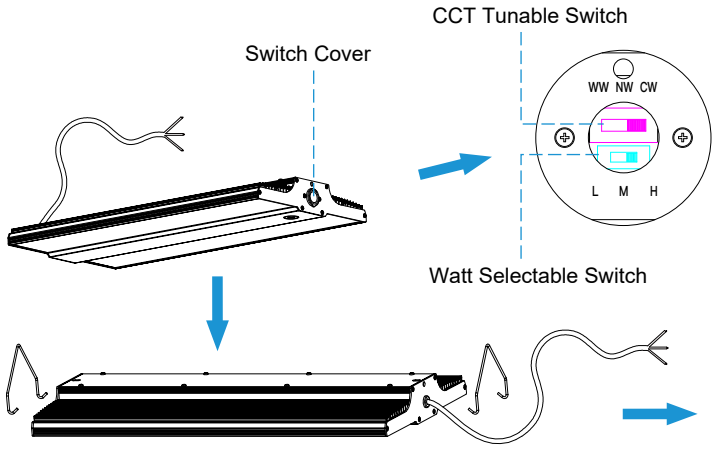
*** IMPORTANT**

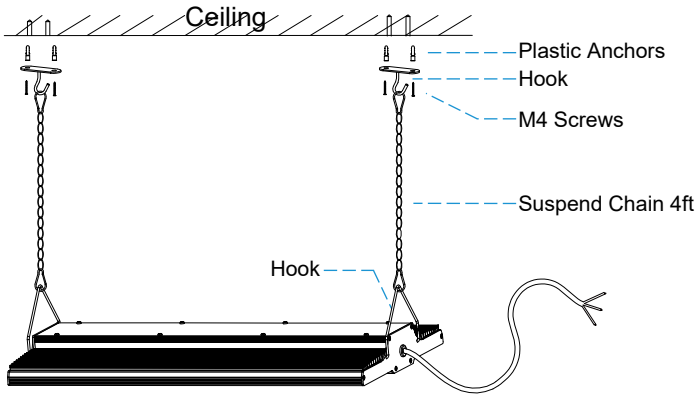
READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

NGTLIGHT fixtures must be wired by qualified electrician. Proper grounding is required for safety.

Make sure power is OFF before installing or maintaining fixture.

CAUTION: Be sure fixture temperature is cool enough to touch. Do not clean or maintain while fixture is energized.





① The fixture is suitable only for INDOOR RECESSED CEILING application.

② Remove functional switch cap, adjust wattage&CCT by request, cover the cap to protect.

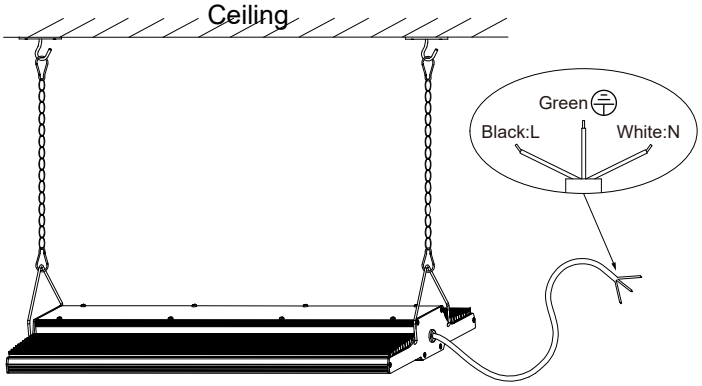
③ Drill 4 φ6mm holes in ceiling, put plastic anchors into the 4 holes.

④ Fix hook by M4 screws and attach into ceiling.

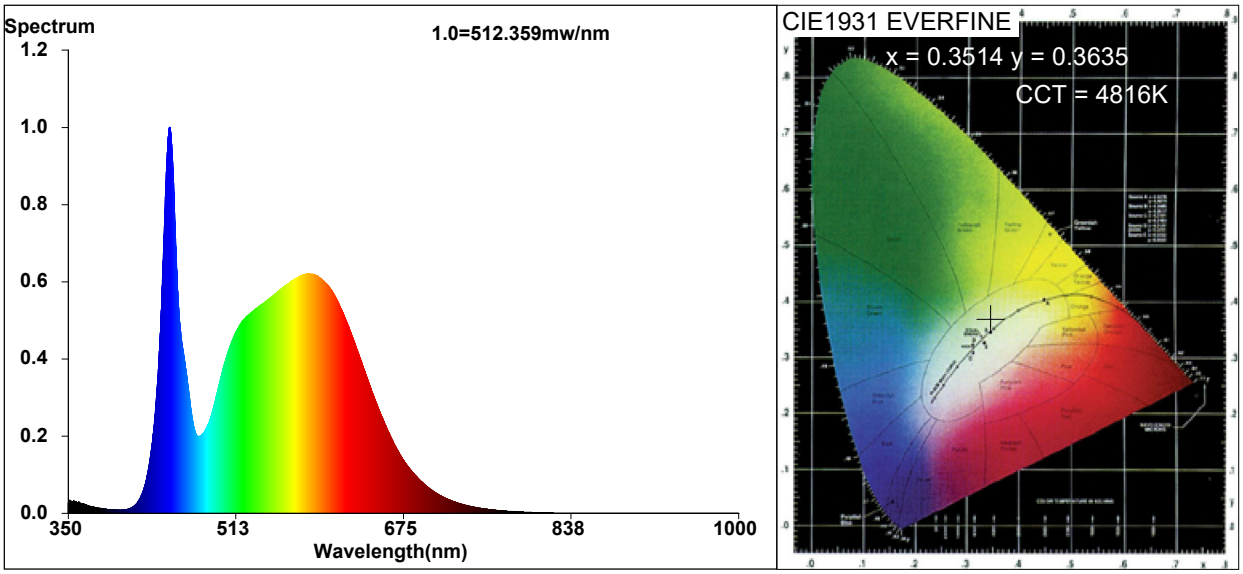
⑤ Hang suspend chain and adjust chain clasp according to installation height you need.

⑥ Hook the bottom side of the suspend chain in the mounting clips on the background of light.

⑦ Connect the wire into electricity, turn on the light.



150W LED LINEAR HIGH BAY



Color Parameters:

Chromaticity Coordinate:x=0.3514 y=0.3635/u'=0.2111 v'=0.4913

CCT=4816K(Duv=0.0034) Dominant WL:Ld =572.0nm WL:Lc=--nm Purity=14.5%

Ratio:R=15.7% G=80.2% B=4.1% Peak WL:Lp=448.1nm FWHM=18.1nm

Render Index:Ra=81.2 AvgR=73.5 TM30:Rf=82 Rg=95

R1=79	**R2=86**	**R3=92**	**R4 =81**	**R5=79**	**R6=81**	**R7 =87**	
R8=65	**R9=0**	**R10=67**	**R11=80**	**R12=57**	**R13=80**	**R14=96**	**R15=73**

Photo Parameters:

Flux= 22006.62 lm Eff.: 149.40lm/w Fe =60.57 W

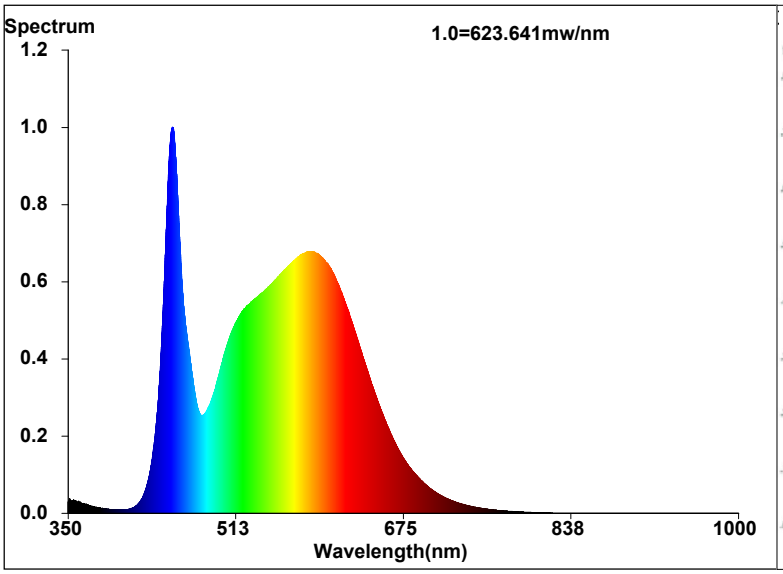
Electrical parameters:

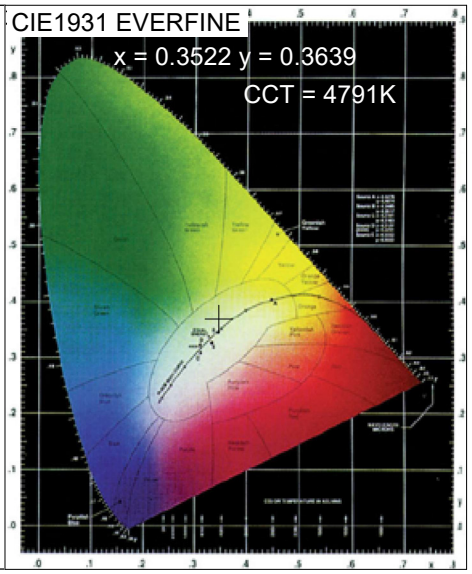
V=119.69V I=1.234A P=147.3W PF=0.9971

LEVEL: OUT WHITE:ANSI_5000K

Status: Integral T = 76 ms Ip = 50638 (77%)

200W LED LINEAR HIGH BAY





Color Parameters:

Chromaticity Coordinate:x=0.3522 y=0.3639/u'=0.2115 v'=0.4916

CCT=4791K(Duv=0.0033) Dominant WL:Ld =572.3nm WL:Lc=--nm Purity=14.9%

Ratio:R=15.8% G=79.8% B=4.4% Peak WL:Lp=451.1nm FWHM=21.7nm

Render Index:Ra=81.8 AvgR=74.2 TM30:Rf=83 Rg=94

R1=79	**R2=88**	**R3=94**	**R4 =80**	**R5=80**	**R6=83**	**R7 =86**	
R8=64	**R9=0**	**R10=72**	**R11=79**	**R12=57**	**R13=82**	**R14=97**	**R15=73**

Photo Parameters:

Flux= 29804.13 lm Eff.: 151.29lm/w Fe =79.14 W

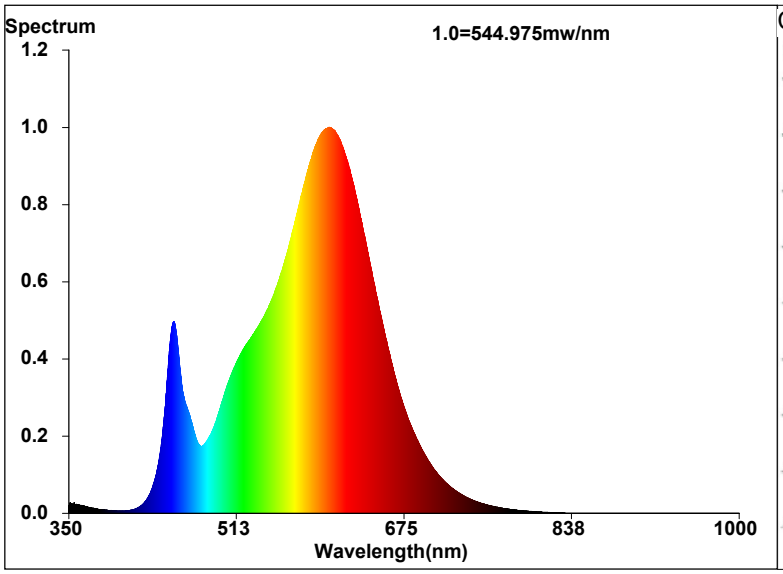
Electrical parameters:

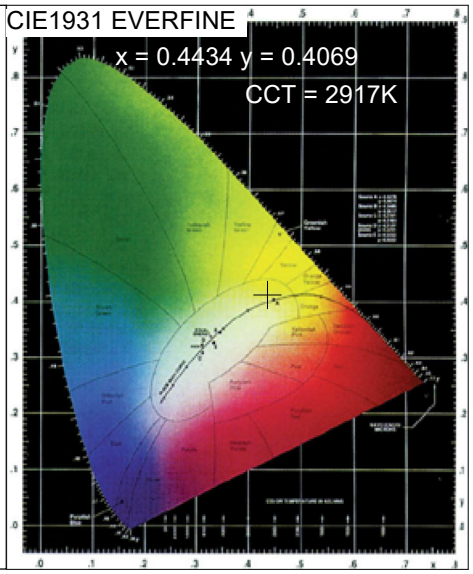
V=119.73V I=1.654A P=197.6W PF=0.9979

LEVEL: OUT WHITE:ANSI_5000K

Status: Integral T = 62 ms Ip = 52324 (80%)

240W LED LINEAR HIGH BAY





Color Parameters:

Chromaticity Coordinate:x=0.4434 y=0.4069/u'=0.2535 v'=0.5235

CCT=2917K(Duv=0.0003) Dominant WL:Ld =583.1nm WL:Lc=--nm Purity=55.2%

Ratio:R=23.1% G=74.4% B=2.5% Peak WL:Lp=602.3nm FWHM=116.3nm

Render Index:Ra=80.4 AvgR=74.5 TM30:Rf=83 Rg=95

R1=78	**R2=90**	**R3=95**	**R4 =78**	**R5=79**	**R6=89**	**R7 =80**	
R8=54	**R9=0**	**R10=78**	**R11=77**	**R12=70**	**R13=81**	**R14=98**	**R15=70**

Photo Parameters:

Flux= 36354.01 lm Eff.: 152.3lm/w Fe =77.33 W

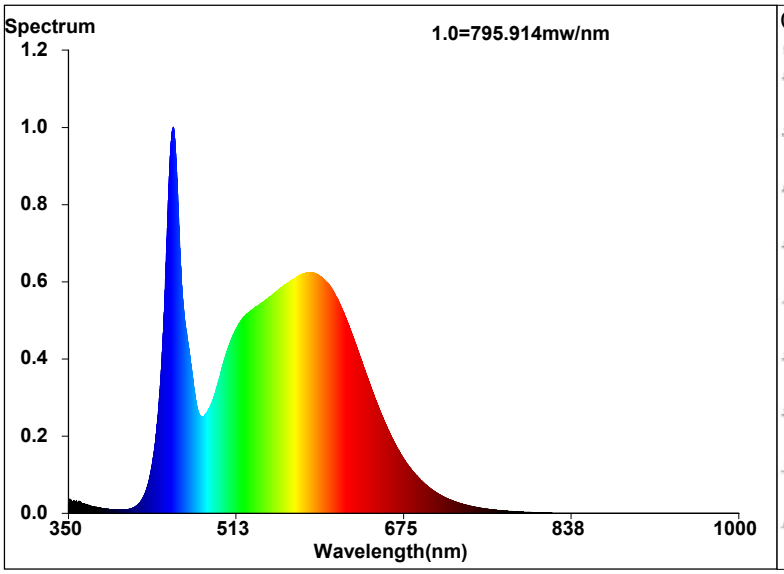
Electrical parameters:

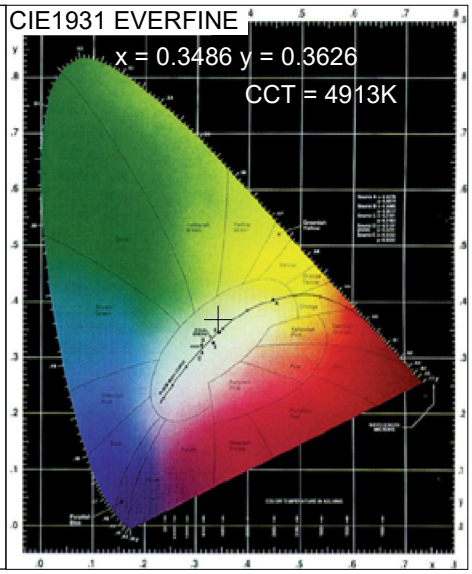
V=119.69V I=1.996A P=238.7W PF=0.9989

LEVEL: OUT WHITE:ANSI_3000K

Status: Integral T = 52 ms Ip = 51250 (78%)

300W LED LINEAR HIGH BAY





Color Parameters:

Chromaticity Coordinate:x=0.3486 y=0.3626u'=0.2095 v'=0.4904

CCT=4913K(Duv=0.0041) Dominant WL:Ld =570.4nm WL:Lc=--nm Purity=13.4%

Ratio:R=15.7% G=79.8% B=4.5% Peak WL:Lp=451.8nm FWHM=20.3nm

Render Index:Ra=82.5 AvgR=75.0 TM30:Rf=84 Rg=94

R1=80	**R2=88**	**R3=94**	**R4 =81**	**R5=80**	**R6=84**	**R7 =87**	
R8=66	**R9=3**	**R10=72**	**R11=80**	**R12=56**	**R13=82**	**R14=97**	**R15=74**

Photo Parameters:

Flux= 45035.1 lm Eff.: 152.3lm/w Fe =95.88 W

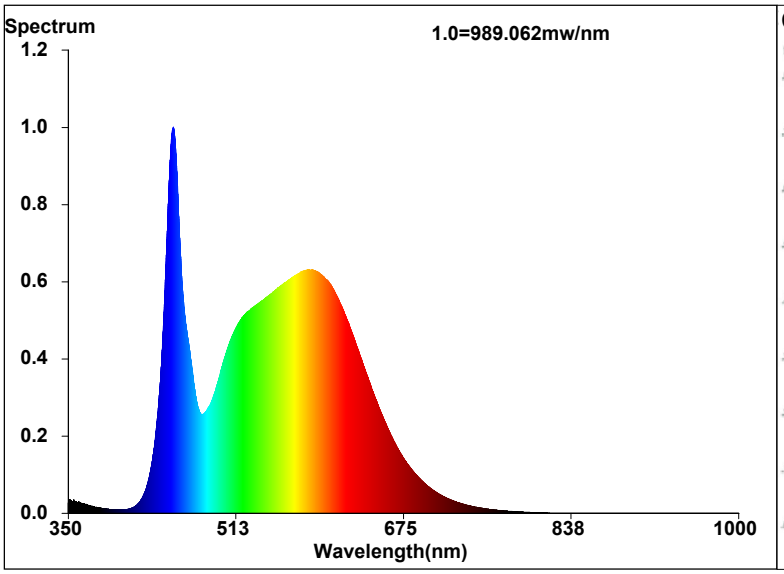
Electrical parameters:

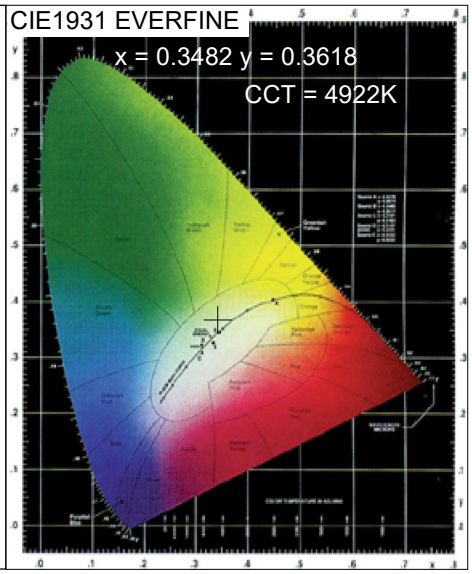
V=119.63V I=2.485A P=295.7W PF=0.9943

LEVEL: OUT WHITE:ANSI_5000K

Status: Integral T = 45 ms Ip = 48501 (74%)

400W LED LINEAR HIGH BAY





Color Parameters:

Chromaticity Coordinate:x=0.3482 y=0.3626u'=0.2096 v'=0.4900

CCT=4922K(Duv=0.0038) Dominant WL:Ld =570.4nm WL:Lc=--nm Purity=13.0%

Ratio:R=15.7% G=79.8% B=4.6% Peak WL:Lp=451.8nm FWHM=21.0nm

Render Index:Ra=82.6 AvgR=75.1 TM30:Rf=84 Rg=94

R1=80	**R2=89**	**R3=94**	**R4 =81**	**R5=80**	**R6=84**	**R7 =87**	
R8=66	**R9=3**	**R10=73**	**R11=80**	**R12=57**	**R13=83**	**R14=97**	**R15=74**

Photo Parameters:

Flux= 59386.37 lm Eff.: 150.88lm/w Fe =120.5 W

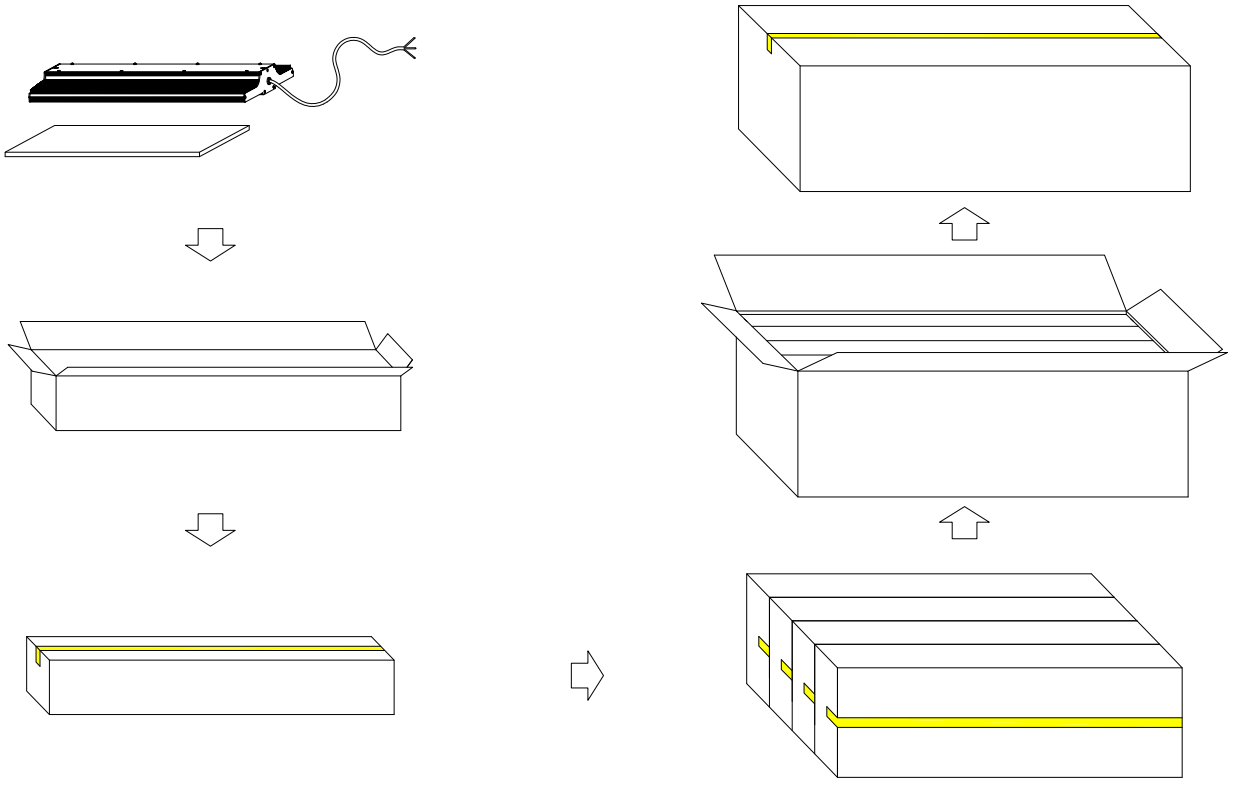
Electrical parameters:

V=119.50V I=3.299A P=393.6W PF=0.9984

LEVEL: OUT WHITE:ANSI_5000K

Status: Integral T = 36 ms Ip = 48271 (74%)

PACKAGE



Power	Unit	Size	Gross Weight	Volume
NG-LHB-100W NG-LHB-150W	1 PC	420x270x80mm/ 16.54″*10.63″*3.15″	3.7 KG/ 8.16 lbs	0.009m³
	4 PCS	435x375x295mm/ 17.13″*14.76″*11.61″	16 KG/ 35.27 lbs	0.048m³
NG-LHB-200W NG-LHB-240W	1 PC	520x270x80mm/ 20.47″*10.63″*3.15″	4.2 KG/ 9.26 lbs	0.012m³
	4 PCS	535x375x295mm/ 21.06″*14.76″*11.61″	18 KG / 39.68 lbs	0.059m³
NG-LHB-300W	1 PC	600x270x80mm/ 23.62″*14.76″*11.61″	4.8 KG/ 10.58 lbs	0.013m³
	4 PCS	615x375x295mm/ 24.21″*14.76″*11.61″	20.5 KG/ 45.19 lbs	0.068m³
NG-LHB-400W	1 PC	700x270x80mm/ 27.56″*14.76″*11.61″	5.4 KG/ 11.90 lbs	0.015m³
	4 PCS	715x285x295mm/ 28.15″*11.22″*11.61″	17.5 KG/ 38.58 lbs	0.06m³