

RGL-HIRON-II-200W

APPLICATIONS

Use in supplement light for plant growth, suitable for tomato, cucumber, pepper, cannabis, rose and other plant, application in indoor supplement light, the place with short outdoor lighting time and insufficient light



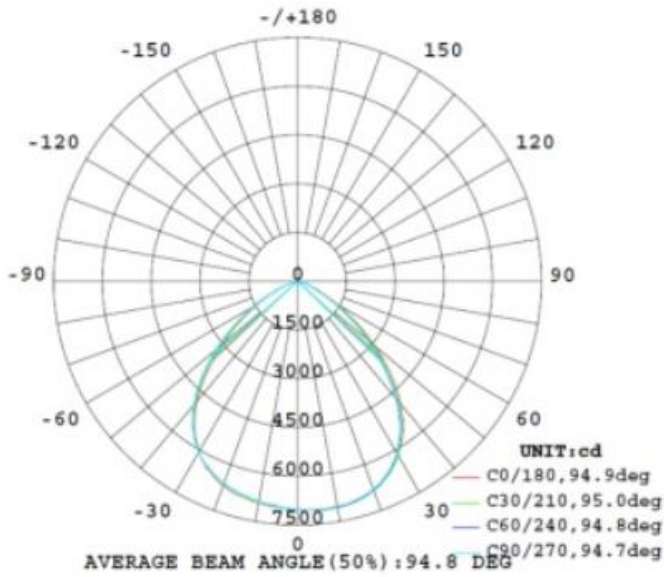
SPECIFICATION FEATURES

1. Die-casting aluminum body, spray molded handling make the round appearance more exquisite. Perfect heat dissipation.
2. Chip options: CREE3030, Stepless dimming
3. Ip 65 design (wet location).
4. Input voltage 100-277v.
5. Installation: Lifting ring, Lifting hook, 1/2 Pipe.
6. Ambient temperature -25°C ~ 45°C
7. L70 > 54000Hrs

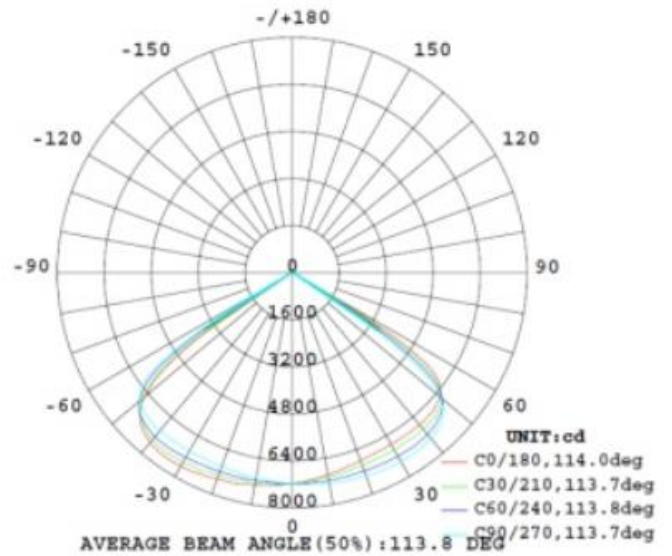




LIGHT DISTRIBUTION

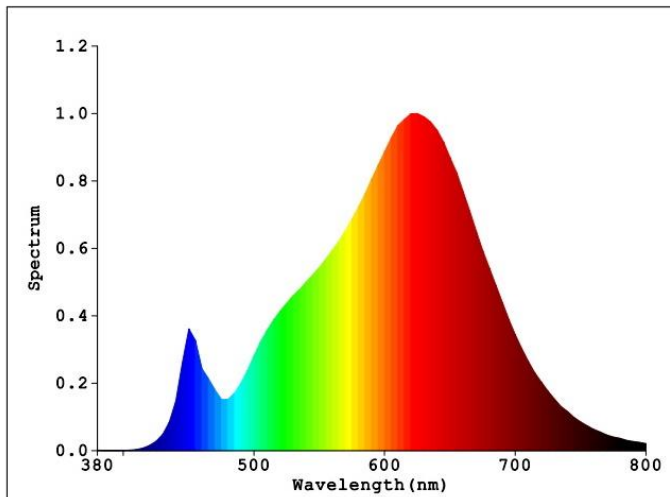


90°



120°

Hiron II UFO Grow Light - 2700K Spectrum



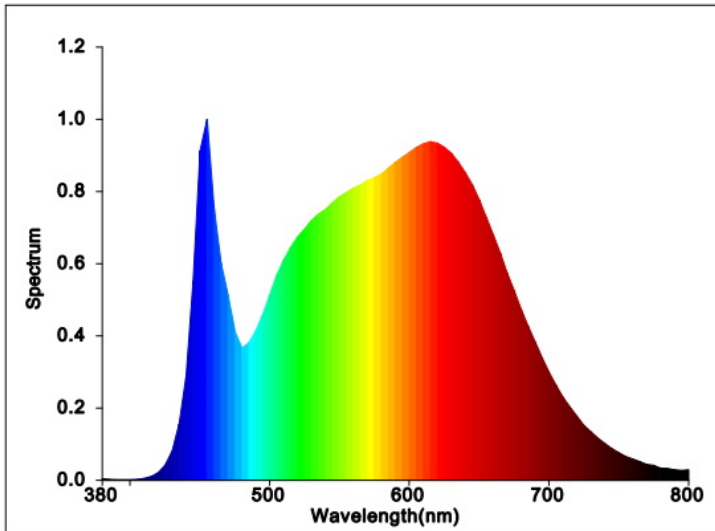
Color Parameters:

Chromaticity Coordinate: $x=0.4635$ $y=0.4094$ $u'=0.2654$ $v'=0.5274$
 Tc=2640K Dominant WL:Ld=584.8nm Purity=62.0% Centroid WL:610.0nm
 Ratio:R=28.7% G=69.3% B=2.0% Peak WL:Lp=625.0nm HWL:144.3nm
 Render Index:Ra=92.8
 R1 =93 R2 =96 R3 =98 R4 =93 R5 =93 R6 =96 R7 =91
 R8 =81 R9 =59 R10=91 R11=95 R12=85 R13=94 R14=98 R15=89



Hiron II Series LED Grow Light

Hiron II UFO Grow Light - 4000K Spectrum



Color Parameters:

Chromaticity Coordinate: $x=0.3872$ $y=0.3814/u'=0.2277$ $v'=0.5046$

Tc=3857K Dominant WL:Ld=579.5nm Purity=30.7% Centroid WL:582.0nm

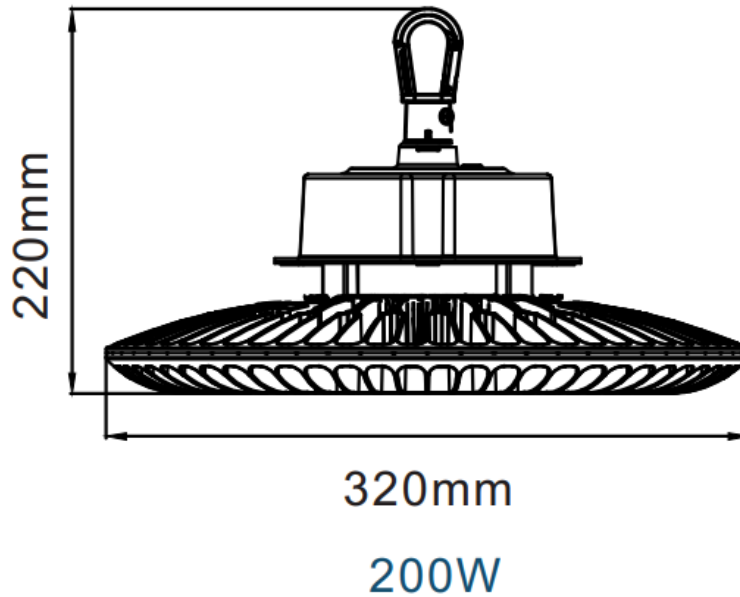
Ratio:R=21.7% G=74.6% B=3.7% Peak WL:Lp=455.0nm HWL:26.6nm

Render Index:Ra=93.3

R1 =94 R2 =96 R3 =97 R4 =93 R5 =92 R6 =93 R7 =94
 R8 =87 R9 =68 R10=90 R11=93 R12=70 R13=95 R14=98 R15=91



Product size



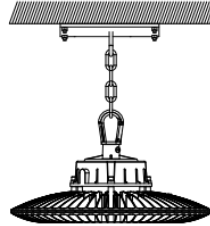
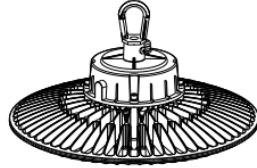
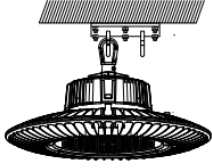
Non-isolated power supply SPECIFICATION SHEET

Item description		LEDZW100W015	LEDZW150W015	LEDZW200W015
Fixture diameter	[mm]	230	270	320
Fixture Height	[mm]	193	213	220
Input voltage	[VAC]	100-277V AC		
Input frequency	[HZ]	50/60		
Input current	[A]	0.45 (220V)	0.68 (220V)	0.94 (220V)
Input wattage	[W]	100±10%	150±10%	200±10%
Power factor		>0.95		
Flux of emitted photons	[umol/s]	181.79	275.3	351
Flux of emitted photons	[umol/w]	1.9	1.95	2.0
Wattage(reference)	[W]	94±5%	138±5%	188±5%
power efficiency		94%		
Luminous flux	[Lm]	11000	16500	21500
Colour temperature	[K]	2700-4000K		
Colour rendering index	[Ra]	90		
Lumen maintenance(2000h)	[%]	98		
Beam Angle	[H, V]	90°, 120°		
Average life	[h]	54000		
Net weight	[Kg]	2.0(set)	2.9(set)	3.37 (set)
Gross weight	[Kg]	2.7(set)	3.7(set)	4.3 (set)
IP		IP65		
Ambient temperture	[°C]	-25°C ~ 45°C		



INSTALLATION

1) Hook Mounting



1. Push down the retainer spring on the hook until there is enough space to secure the hook to the ceiling structure.
2. connect the power cord to supply wires using ul listed wire connectors.
make sure the safty chain is hang to the ceiling structure.

