

## AC AREA LIGHT: NIGHT HAWK GS-NH-(75W-115W-145W-180W-200W-230W-300W-420W)

### General

- Designed for commercial and industrial applications, providing cooler operating temperatures, brighter light and longer LED span.
- The housing is made of die-casting aluminum alloy and utilizes external fins ensure greater heat dissipation.
- Anti-corrosion coating.
- Light in Weight:  
11lbs(small), 121bs(medium), 231bs(large).

### Electrical

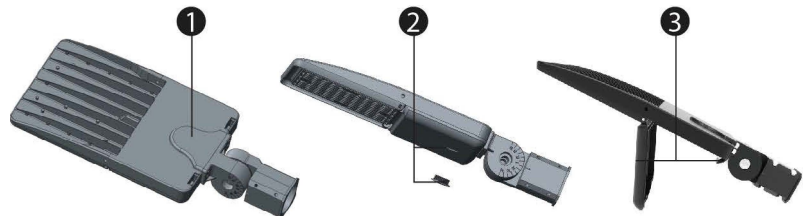
- Standard universal voltage (100-240/277Vac) input, 50/60Hz, 347/480V option.
- L90 calculated life: 50,000+ hours.
- 0-10V/ PMW/Timer dimming, 3 Timer Modes, Dim-to -Off with Standby Powers 0.5W.
- Constant current driver ,100-277Vac, 50-60Hz, 347 /480V.
- High efficiency driver: up to 93.5%, minimum efficiency 87.5%.
- Input Surge Protection: 6kV line-line, 1 0kV line-earth.
- Photocell, PIR sensor, 20KV SPD available.
- Operating temperature rating of -40°F to 122°F (-40°C to 50°C)



### Certifications



### Smart Design



1. Space reserved for photocell sensor
2. Space reserved for occupancy sensor with waterproof seal
3. Tool-free maintenance



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California: 1341 Distribution Way, Suite 20, Vista, CA 92081

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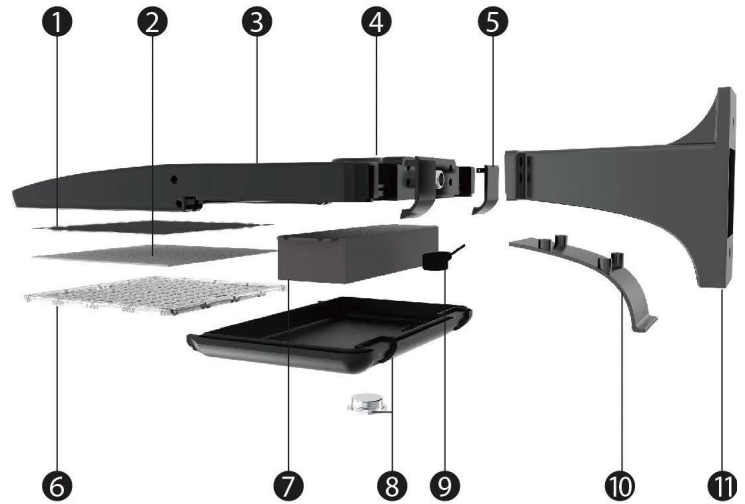


Wounded Warrior Project

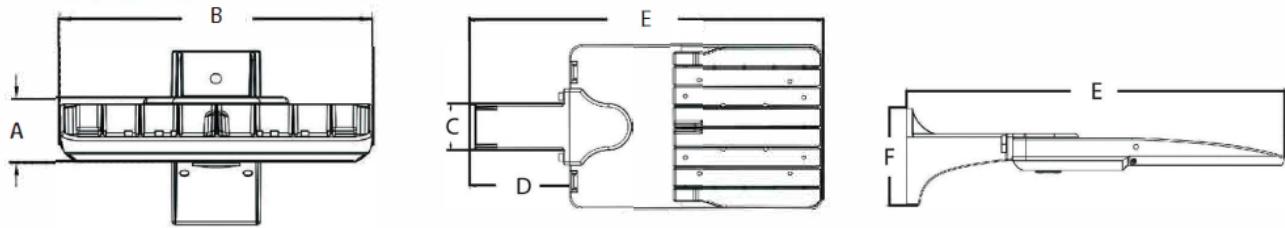
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## Construction Features

1. Super efficient heat dissipation layer
2. Light source: PCB board with LEDs
3. Die casting aluminum unibody main housing, IP66
4. Space for 5/7 pin receptacle upgradeable for photo-cell sensor and smart systems
5. Tool free buckle to driver access panel
6. Optical grade rotatable PC lens Type III/ IV /V
7. Top level 1-10V dimmable driver 100-277V / 347V / 480V optional
8. Tool free driver access panel with space reserved for occupancy sensor covered by removable cap fits with Wattstopper FSP sensor
9. Surge protection device
10. Bracket access panel for wiring
11. Exchangeable bracket fits round/ square pole. Other brackets optional such as yoke, trunnion, etc



## Fixture Dimensions



A	B	C	D	E	F
Dimensions of 75W, 115W and 145W Models					
2.2"	10.6"	3"	6.49"	23"	5.9"
Dimensions of 180W, 200W, 230W and 250W Models					
2.2"	13.7"	3"	6.49"	26.7"	5.9"
Dimensions of 300W, 420 Models					
3"	14"	3"	6.49"	30"	5.9"

## Optical System

- Precision engineered lens made of optical grade Mitsubishi polycarbonate for maximum light intensity.
- Type III, Type IV, Type V light patterns are available, right distribution for right project.
- Designed to provide the right amount of light on any small or medium lot, no matter the shape.
- Delivers improved visual comfort by lower glare and providing a wider smoother and more uniform light output.
- Available in 3000K, 4000K, 5000K, 5700K, 6500K CCT.
- Efficacy 140lm/W and 170lm/W optional, higher lumen output, precision light pattern ensure more energy saved.
- Cutoff classification: Cut-off, no uplight pollution.
- Minimum CRI of 70, 80, and 90 optional.



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# AC AREA LIGHT: NIGHT HAWK GS-NH-(75W-115W-145W-180W-200W-230W-300W-420W)

MODEL	LEDS	WATTS	LUMINAIRE LUMEN OUTPUT	REPLACE MHL	FIXTURE DIMENSION	NW	IP & IK
GS-NH-75W	Lumileds 5050	75W	13121	300W	23"x11"x2.2"	11lbs	IP66 & IK10
GS-NH-115W	Lumileds 5050	115W	18689	400W	23"x11"x2.2"	11lbs	
GS-NH-145W	Lumileds 5050	145W	24699	500W	23"x11"x2.2"	11lbs	
GS-NH-180W	Lumileds 5050	180W	30870	600W	26.7"x14"x2.2"	12lbs	
GS-NH-200W	Lumileds 5050	200W	33012	750W	26.7"x14"x2.2"	12lbs	
GS-NH-230W	Lumileds 5050	230W	36162	1000W	26.7"x14"x2.2"	12lbs	
GS-NH-300W	Lumileds 5050	300W	43500	1200W	30"x14"x3"	23lbs	
GS-NH-420W	Lumileds 5050	420W	60060	1500W	30"x14"x3"	23lbs	

MODEL	LEDS	WATTS	LUMINAIRE LUMEN OUTPUT	REPLACE MHL	FIXTURE DIMENSION	NW	IP & IK
GS-NH-75W	Lumileds 3030	75W	10764	200W	23"x11"x2.2"	11lbs	IP66 & IK10
GS-NH-115W	Lumileds 3030	115W	15066	300W	23"x11"x2.2"	11lbs	
GS-NH-145W	Lumileds 3030	145W	19522	400W	23"x11"x2.2"	11lbs	
GS-NH-180W	Lumileds 3030	180W	25648	500W	26.7"x14"x2.2"	12lbs	
GS-NH-200W	Lumileds 3030	200W	28058	600W	26.7"x14"x2.2"	12lbs	
GS-NH-230W	Lumileds 3030	230W	31123	750W	26.7"x14"x2.2"	12lbs	
GS-NH-250W	Lumileds 3030	250W	32500	850W	26.7"x14"x2.2"	12lbs	
GS-NH-300W	Lumileds 3030	300W	37500	1000W	30"x14"x3"	23lbs	

## Accessories (Order Separately)



## Ordering Information

GS-NH-	WATTAGE	VOLTAGE	LED CHIPS	TYPE OF SENSOR	CCT & CRI	DISTRIBUTION	MOUNT	HOUSING	OPTIONS
	75W	NV=100-277V	L3=LUMILEDS3030	00=Without sensor	3070=3000K 70CRI	T3=TYPE 3	A=Slip Fitter	BK=Black	SPD10KV
	115W	HV=347/480V	L5=LUMILEDS5050	SN=Motion sensor	4070=4000K 70CRI	T4=TYPE 4	B=Adjustable Arm Mount	BZ=Bronze	SPD20KV
	145W			PH=Photocell	5070=5000K 70CRI	T5=TYPE 5		WH=White	DIP
	180W			DV=Dimmable	5770=5700K 70CRI	T512=T5WQ	C=Yoke Mount	SG=Silver Gray	SWITCH
	200W				3080=3000K 80CRI		D=Slide and Lock Mount	RD=Red	
	230W				4080=4000K 80CRI			BL=Blue	
	250W				5080=5000K 80CRI		E=Square Pole Mount		
	300W				5780=5700K 80CRI		F=Round Pole Mount		
	420W						G=Trunnion Mount		



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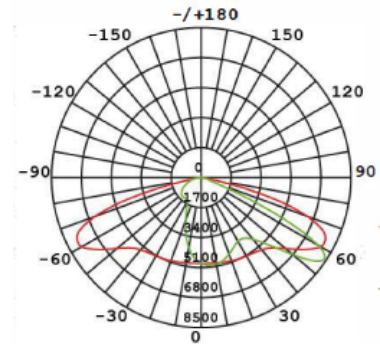
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# AC AREA LIGHT: NIGHT HAWK GS-NH-(75W-115W-145W-180W-200W-230W-300W-420W)

## TYPE III MEDIUM DISTRIBUTION (130-140LM/W)

Wattage		3000K/70CRI	4000K/70CRI	5000K/70CRI	5700K/70CRI
	BUG Rating	Luminaire Lumen Output	Luminaire Lumen Output	Luminaire Lumen Output	Luminaire Lumen Output
75W	B2-U0-G2	10425	10650	10764	10875
115W	B2-U0-G3	14720	14950	15066	15180
145W	B2-U0-G3	18560	19140	19522	19575
180W	B2-U0-G3	23040	25200	25648	26100
200W	B2-U0-G3	25600	27000	28058	28000
230W	B2-U0-G3	29440	29900	31123	31280
300W	B2-U0-G4	34500	36000	37200	37500

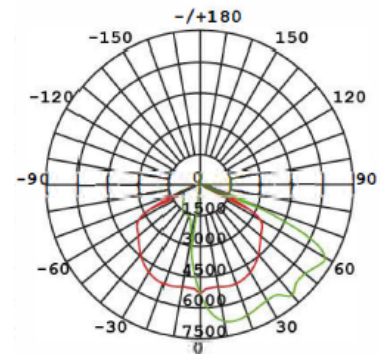


Average Beam Angle (50%): 119° Unit:cd

— C0/180, Ic:4873 76.2, 76.2  
— C90/270, Ic:4968 20.8, 66.4

## TYPE IV MEDIUM DISTRIBUTION (130-140LM/W)

Wattage		3000K/70CRI	4000K/70CRI	5000K/70CRI	5700K/70CRI
	BUG Rating	Luminaire Lumen Output	Luminaire Lumen Output	Luminaire Lumen Output	Luminaire Lumen Output
75W	B2-U0-G2	10425	10650	10764	10875
115W	B2-U0-G2	14720	14950	15066	15180
145W	B3-U0-G2	18560	19140	19522	19575
180W	B3-U0-G3	23040	25200	25648	26100
200W	B3-U0-G3	25600	27000	28058	28000
230W	B3-U0-G4	29440	29900	31123	31280
300W	B4-U0-G4	34500	36000	37200	37500

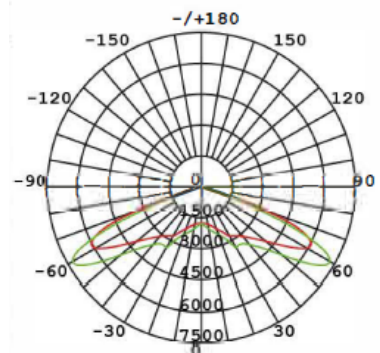


Average Beam Angle (50%): 101.8° Unit:cd

— C0/180, Ic:5314 63.6, 63.6  
— C90/270, Ic:6514 7.8, 68.6

## TYPE V MEDIUM DISTRIBUTION (130-140LM/W)

Wattage		3000K/70CRI	4000K/70CRI	5000K/70CRI	5700K/70CRI
	BUG Rating	Luminaire Lumen Output	Luminaire Lumen Output	Luminaire Lumen Output	Luminaire Lumen Output
75W	B3-U0-G2	10425	10650	10764	10875
115W	B4-U0-G2	14720	14950	15066	15180
145W	B4-U0-G2	18560	19140	19522	19575
180W	B5-U0-G3	23040	25200	25648	26100
200W	B5-U0-G3	25600	27000	28058	28000
230W	B2-U0-G3	29440	29900	31123	31280
300W	B2-U0-G4	34500	36000	37200	37500



Average Beam Angle (50%): 146° Unit:cd

— C0/180, Ic:1786 74.1, 74.1  
— C90/270, Ic:1786 71.9, 71.9

All published Luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP accredited Laboratory.



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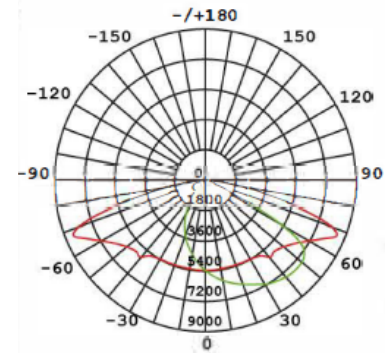


Wounded Warrior Project

# AC AREA LIGHT: NIGHT HAWK GS-NH-(75W-115W-145W-180W-200W-230W-300W-420W)

## TYPE III MEDIUM DISTRIBUTION (160-110LM/W)

Wattage		3000K/70CRI	4000K/70CRI	5000K/70CRI	5700K/70CRI
	BUG Rating	Luminaire Lumen Output	Luminaire Lumen Output	Luminaire Lumen Output	Luminaire Lumen Output
75W	B2-U1-G2	12876	12998	13121	13182
115W	B3-U0-G2	18375	18532	18689	18767
145W	B3-U0-G3	24018	24358	24699	24869
180W	B3-U0-G3	29970	30420	30870	31096
200W	B4-U0-G3	32092	32552	33012	33243
230W	B4-U0-G3	35182	35672	36162	36408
300W	B4-U0-G4	47228	48079	49353	49590
420W	B4-U0-G5	58508	59561	61141	61434

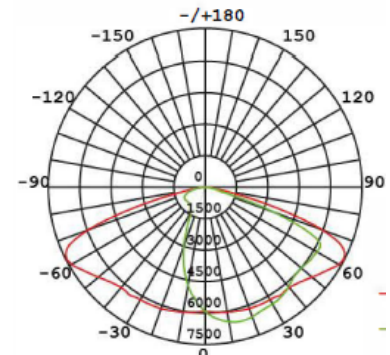


Average Beam Angle (50%): 117.9° Unit:cd

— C0/180, Ic:5338 78.5, 78.5  
— C90/270, Ic:7570 17.0, 61.8

## TYPE IV MEDIUM DISTRIBUTION (160-170LM/W)

Wattage		3000K/70CRI	4000K/70CRI	5000K/70CRI	5700K/70CRI
	BUG Rating	Luminaire Lumen Output	Luminaire Lumen Output	Luminaire Lumen Output	Luminaire Lumen Output
75W	B3-U1-G2	12876	12998	13121	13182
115W	B3-U0-G3	18375	18532	18689	18767
145W	B3-U0-G3	24018	24358	24699	24869
180W	B3-U0-G4	29970	30420	30870	31096
200W	B4-U0-G4	32092	32552	33012	33243
230W	B4-U0-G4	35182	35672	36162	36408
300W	B4-U0-G5	47228	48079	49353	49590
420W	B4-U0-G5	58508	59561	61141	61434

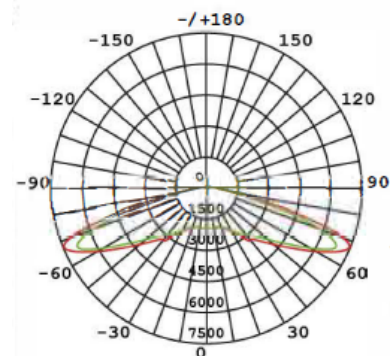


Average Beam Angle (50%): 119.4° Unit:cd

— C0/180, 149.6  
— C90/270, 89.2

## TYPE V MEDIUM DISTRIBUTION (160-110LM/W)

Wattage		3000K/70CRI	4000K/70CRI	5000K/70CRI	5700K/70CRI
	BUG Rating	Luminaire Lumen Output	Luminaire Lumen Output	Luminaire Lumen Output	Luminaire Lumen Output
75W	B4-U1-G2	12876	12998	13121	13182
115W	B4-U0-G2	18375	18532	18689	18767
145W	B5-U0-G3	24018	24358	24699	24869
180W	B3-U0-G3	29970	30420	30870	31096
200W	B5-U0-G4	32092	32552	33012	33243
230W	B5-U0-G3	35182	35672	36162	36408
300W	B5-U0-G4	47228	48079	49353	49590
420W	B5-U0-G5	58508	59561	61141	61434



Average Beam Angle (50%): 160.3° Unit:cd

— C0/180, Ic:1944 80.8, 80.8  
— C90/270, Ic:1944 79.5, 79.5



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