

## Standard Genius™ LED General Light



*Pendent Light*

- Flexible and reliable, a light for all projects.

- Only LED light in the world can replace 1000W HID.



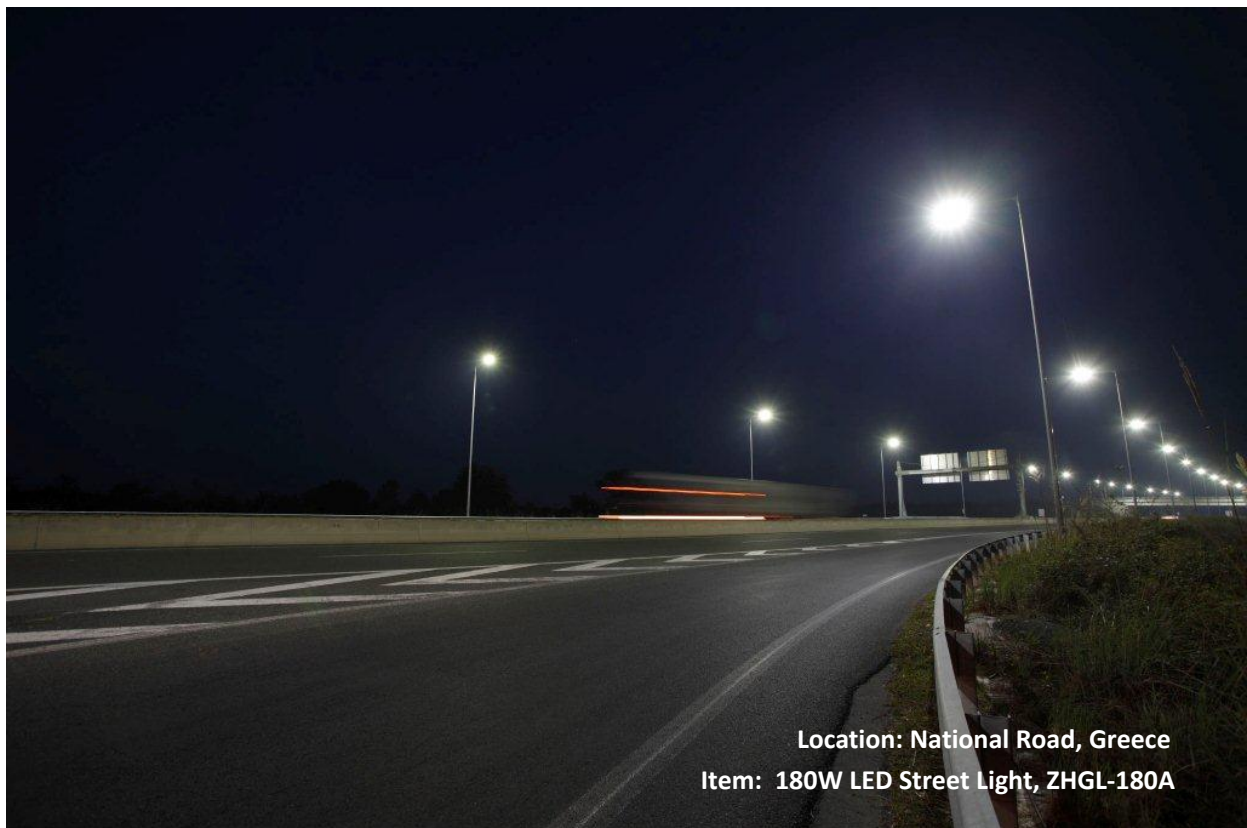
*Floodlight*



*Street Light*

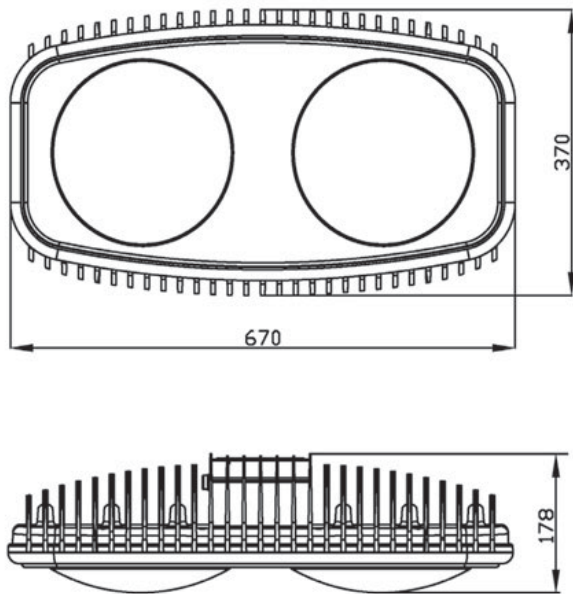


*Floodlight*



Location: National Road, Greece  
Item: 180W LED Street Light, ZHGL-180A

## Standard Genius™ LED General Light



### Features & Characteristic:

- Patent multi- function design, suitable for all projects
- 5-5-10 year warranty
- Osram/Cree LED chips, 120 lm/w system efficiency\*
- 80% lumen maintenance over 50,000hours
- 0-10Vdc dimming driver available
- Photocell sensor system available
- Built-in surge protection
- Built-in thermal protection
- Maintenance free
- Mercury free, No UV or IR
- Universal input without additional adapter, 80-315Vac, 80-400Vdc
- Instant start and flicker free
- High uniformity and color rendering

### Typical Application:






Street | Bridge | Architecture | Warehouse | Stadium | Tunnel | Garden | Parking | Billboard | Plaza | Show Room | Factory | Shopping Mall | Petrol Station | Conference Centers | Cold Storage | Floodlighting

Model:		ZHGL-210A	ZHGL-270A	ZHGL-400A
Power Consumption:	LEDs:	189W	243W	360W
	Driver:	21W	27W	40W
	Total:	210W	270W	400W
Initial Lumen Flux:		25200 lm	32400 lm	48000 lm
Replace HID Lamp:		400-500W	500-600W	600W-1000W
Dimension:		670x370x180mm		
Net Weight:		13kg (28.6lbs)		
Color Temperature:		4000K (warm white) / 6000K (cool white)		
Color Rendering:		≥Ra75		
Working Life:		≥50000Hrs		
Housing Material:		Aluminum		
Coating:		Zinc Rich Paint		
IP Class:		IP 65 (Upgradeable to IP 67)		
Insulation Class:		Class I (Upgradeable to Class II)		
Working Temperature:		-40C ~ 60C / -40F ~ 140F		
Working Humidity:		10% ~ 95%		
AC Input:		80 ~ 315Vac, (347Vac available on request)		
DC Input:		80 ~ 400Vdc, (12Vdc, 24Vdc and other input available on request)		
THD:		<10%		
Power Factor:		≥0.98		
Warranty:	LED Module:	5 year		
	Driver:	5 year		
	Housing:	10 year		

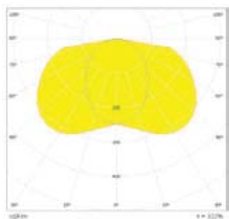
\* 120lm/w only initial flux efficiency for the 6000K LED with 120° and 60° Lens.

## Standard Genius™ LED General Light

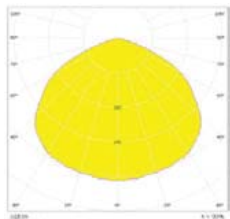
### Accessories & Control Systems:

	Part Number	Description
	ZHGL-BR-SL	Standard Genius street light clamp
	ZHGL-BR-FL	Standard Genius flood light bracket
	ZHGL-BR-PL	Standard Genius pendant light bracket
	-PS	Photocell sensor system
	-DM	0-10vdc dimming driver

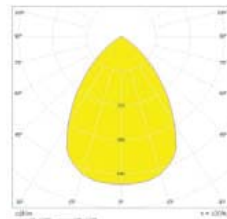
### Beam Available:



140° x 60° Lens (Polycarbonate)



120° Lens (Tempered glass)



60° Lens (Tempered glass)

### Order Code: ZHGL-400A-6K-L60-ND-220Vac-3Y

<b>ZHGL</b>	<b>- XX</b>	<b>- XX K</b>	<b>- L XX</b>	<b>- XX</b>	<b>- XX</b>	<b>-XX</b>
<b>Model</b>						
<b>Color</b>	K = Thousand Kelvin					
<b>Beam</b>	L = Beam Angle					
<b>Control</b>	ND = Standard	DM = 10Vdc Dimming	PS = Photo Sensor			
<b>Input</b>	220Vac = 80-315Vac	347Vac = 100-380Vac	12Vdc = 10-20Vdc	24Vdc = 20-40Vdc		
<b>Warranty</b>	3Y = 3 Year Warranty	5Y = 5 Year Warranty				

Compact Genius™ LED General Light



*Floodlight*



*Street Light*

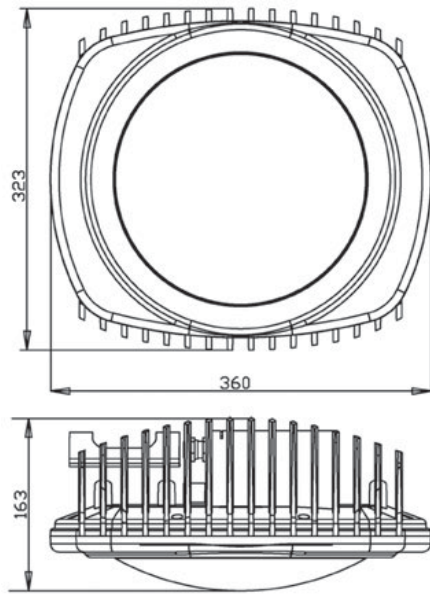


*Pendant Light*



Location: National Road, Greece  
Item: 210W LED Street Light, ZHGL-210A

## Compact Genius™ LED General Light



### Features & Characteristic:

- Patent multi- function design, suitable for all projects
- 5-5-10 year warranty
- Osram/Cree LED chips, 120 lm/w system efficiency\*
- 80% lumen maintenance over 50,000hours
- 0-10Vdc dimming driver available
- Photocell sensor system available
- Built-in surge protection
- Built-in thermal protection
- Maintenance free
- Mercury free, No UV or IR
- Universal input without additional adapter, 80-315Vac, 80-400Vdc
- Instant start and flicker free
- High uniformity and color rendering

### Typical Application:






Street | Bridge | Architecture | Warehouse | Stadium | Tunnel | Garden | Parking | Billboard | Plaza | Show Room | Factory | Shopping Mall | Petrol Station | Conference Centers | Cold Storage | Floodlighting

Model:		ZHGL-30A	ZHGL-60A	ZHGL-90A	ZHGL-120A	ZHGL-150A	ZHGL-180A
Power Consumption:	LEDs:	25 W	50W	80W	108W	135W	162W
	Driver:	5W	10W	10W	12W	15W	18W
	Total:	30W	60W	90W	120W	150W	180W
Lamp Efficiency:		3600 lm	6600 lm	10800 lm	14400 lm	18000 lm	21600 lm
Replace HID Lamp:		50-100W	100-150W	150-250W	250-300W	300-400W	400-500W
Dimension:		360x323x163mm					
Net Weight:		8kg (17.6lbs)					
Color Temperature:		4000K (warm white) / 6000K (cool white)					
Color Rendering:		≥Ra75					
Working Life:		≥50000Hrs					
Housing Material:		Aluminum					
Coating:		Zinc Rich Paint					
IP Class:		IP 65 (Upgradeable to IP 67)					
Insulation Class:		Class I (Upgradeable to Class II)					
Working Temperature:		-40C ~ 60C / -40F ~ 140F					
Working Humidity:		10% ~ 95%					
AC Input:		80 ~ 315Vac, (347Vac available on request)					
DC Input:		80 ~ 400Vdc, (12Vdc, 24Vdc and other input available on request)					
THD:		<10%					
Power Factor:		≥0.98					
Warranty:	LED Module:	5 year					
	Driver:	5 year					
	Housing:	10 year					

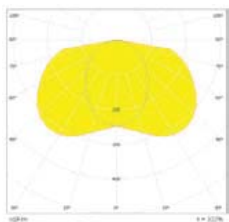
\* 120lm/w only initial flux efficiency for the 6000K LED with 120° and 60° Lens.

## Compact Genius™ LED General Light

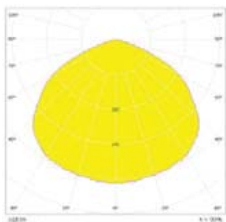
### Accessories & Control Systems:

	Part Number	Description
	ZHGLC-BR-SL	Compact Genius street light clamp
	ZHGLC-BR-FL	Compact Genius flood light bracket
	ZHGLC-BR-PL	Compact Genius pendant light bracket
	-PS	Photocell sensor system
	-DM	0-10vdc dimming driver

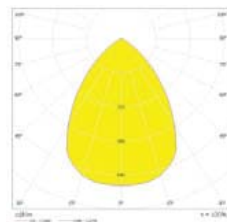
### Beam Available:



140° x 60° Lens (Polycarbonate)



120° Lens (Tempered glass)



60° Lens (Tempered glass)

### Order Code: ZHGL-180A-6K-L60-ND-220Vac-3Y

<b>ZHGL</b>	<b>- XX</b>	<b>- XX K</b>	<b>- L XX</b>	<b>- XX</b>	<b>- XX</b>	<b>-XX</b>
<b>Model</b>						
<b>Color</b>	K = Thousand Kelvin					
<b>Beam</b>	L = Beam Angle					
<b>Control</b>	ND = Standard	DM = 10Vdc Dimming	PS = Photo Sensor			
<b>Input</b>	220Vac = 80-315Vac	347Vac = 100-380Vac	12Vdc = 10-20Vdc	24Vdc = 20-40Vdc		
<b>Warranty</b>	3Y = 3 Year Warranty	5Y = 5 Year Warranty				

**Standard Genius™ LED Projection Light**

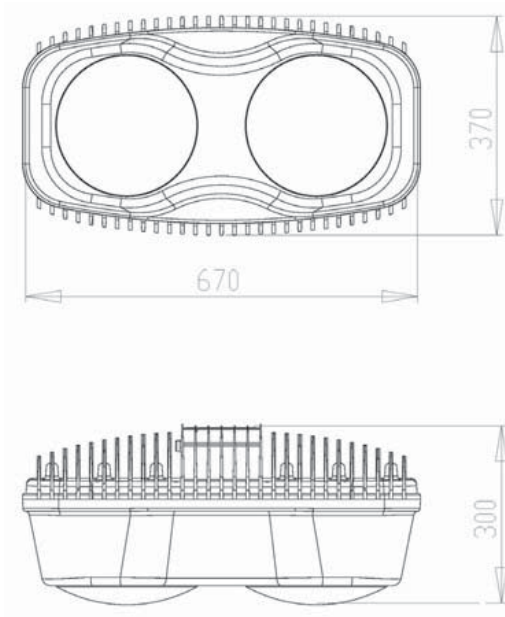
- 20° beam angle for long distance projection lighting applications
- Flexible and reliable, Genius™ mounting system
- Only LED light in the world can replace 1000W HID.



Location: Hockey Field, Germany

Item: 400W LED Projection Light, ZHGL-400P

## Standard Genius™ LED Projection Light



### Features & Characteristic:

- 20° beam angle for long distance projection lighting applications
- Patent multi- function design, suitable for all projects
- 5-5-10 year warranty
- Osram/Cree LED chips, 110 lm/w system efficiency\*
- 80% lumen maintenance over 50,000hours
- 0-10Vdc dimming driver available
- Photocell sensor system available
- Built-in surge protection
- Built-in thermal protection
- Maintenance free
- Mercury free, No UV or IR
- Universal input without additional adapter, 80-315Vac, 80-400Vdc
- Instant start and flicker free
- High uniformity and color rendering

### Typical Application:

Street | Bridge | Architecture | Warehouse | Stadium | Tunnel | Garden | Parking | Billboard | Plaza | Show Room |  
 Factory | Shopping Mall | Petrol Station | Conference Centers | Cold Storage | Floodlighting






Model:	ZHGL-210P	ZHGL-270P	ZHGL-400P
Power Consumption:	LEDs: 189W	243W	360W
	Driver: 21W	27W	40W
	Total: 210W	270W	400W
Initial Lumen Flux:	23100 lm	29700 lm	44000 lm
Replace HID Lamp:	400-600W	600-800W	800W-1000W
Dimension:	670x370x300mm		
Net Weight:	16kg (35lbs)		
Color Temperature:	4000K (warm white) / 6000K (cool white)		
Color Rendering:	≥Ra75		
Working Life:	≥50000Hrs		
Housing Material:	Aluminum		
Coating:	Zinc Rich Paint		
IP Class:	IP 65 (Upgradeable to IP 67)		
Insulation Class:	Class I (Upgradeable to Class II)		
Working Temperature:	-40C ~ 60C / -40F ~ 140F		
Working Humidity:	10% ~ 95%		
AC Input:	80 ~ 315Vac, (347Vac available on request)		
DC Input:	80 ~ 400Vdc, (12Vdc, 24Vdc and other input available on request)		
Power Factor:	≥0.98		
Warranty:	LED Module:	5 year	
	Driver:	5 year	
	Housing:	10 year	

\* 110lm/w only initial flux efficiency for the 6000K LED.

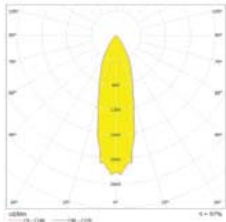


## Standard Genius™ LED Projection Light

### Accessories & Control Systems:

	Part Number	Description
	ZHGL-BR-SL	Standard Genius street light clamp
	ZHGL-BR-FL	Standard Genius flood light bracket
	ZHGL-BR-PL	Standard Genius pendent light bracket
	-PS	Photocell sensor system
	-DM	0-10vdc dimming driver

### Beam Available:



20° Lens (Tempered glass)

### Order Code: ZHGL-400P-6K-L20-ND-220Vac-3Y

<b>ZHGL</b>	<b>- XX</b>	<b>- XX K</b>	<b>- L XX</b>	<b>- XX</b>	<b>- XX</b>	<b>-XX</b>
<b>Model</b>						
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