



# STRUCTURAL LIGHTING

Indoor and Outdoor Industrial Applications

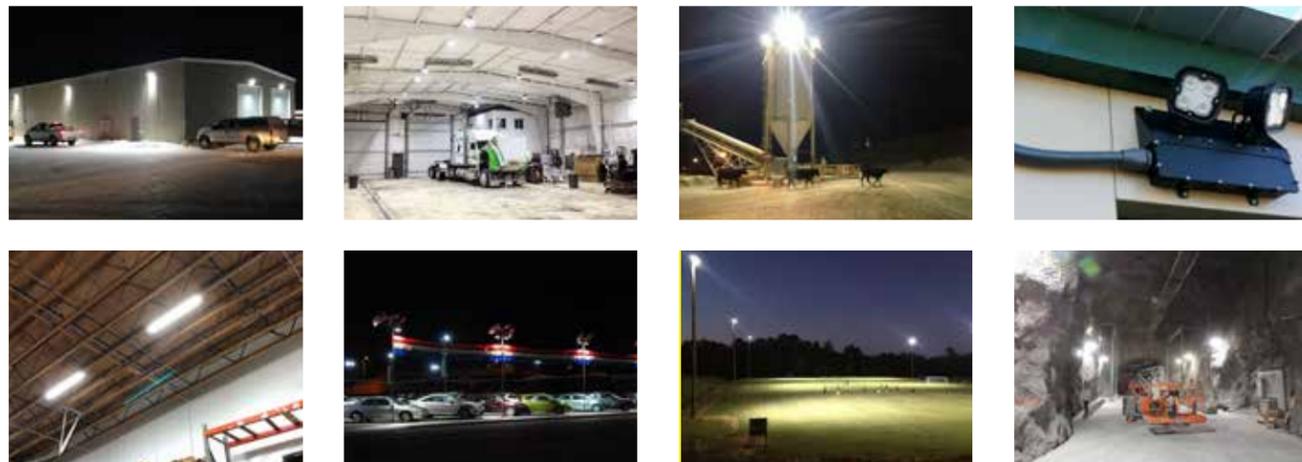


**LED** | LIGHTING CATALOG

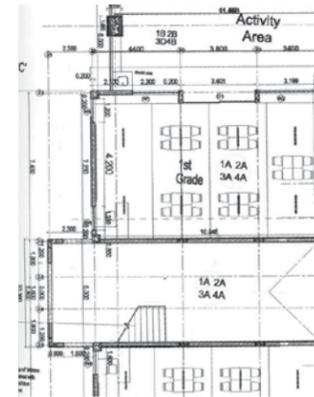


# ENGINEERED LIGHTING SOLUTIONS

**Vision X lighting** fixtures are not merely lighting systems, they are engineered lighting solutions. They provide increased efficiency, increased safety, decreased environmental impact, and decreased costs. Vision X LED lights offer a large increase in energy efficiency over older technologies while also increasing the safety and productivity of the working environment by outputting 80% more light than the fixtures used previously.

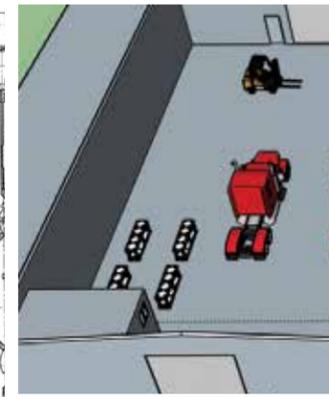


## SOLUTION PROCESS



### 2D BLUEPRINT

Vision X Lighting begins each project with a customer provided list of machines to be retrofitted, then gathers the technical information for those machines.



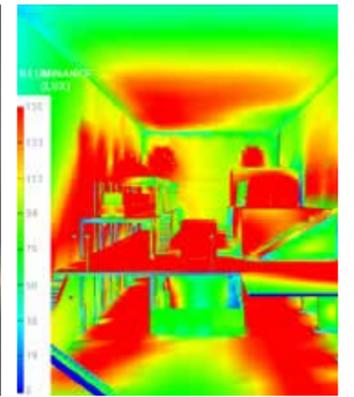
### 3D MODEL

A 3D model is built to the customer's specifications, then carried over into the rendering.



### SIMULATION RENDER

A simulation rendering ensures the final product will meet the customer's lighting requirements.



### SOLUTION

Vision X Lighting creates a complete breakdown of the customer's specific needs to meet their safety requirements.



# HIGH BAY LIGHTING

## Product Information

Project Name:  
Date:  
Type:

### Application

Designed to outshine and outlast the competition, the High Bay fixture features advanced electronic technology like Pulse Width Modulation, Electronic Thermal Management, and a Redundant Circuit Design (30 LED) that allow the fixture to function even if half of the light should fail for unknown reasons. This is part of the effort by Vision X to ensure that the High Bay fixture is the most dependable LED fixture in the workplace.

### SPECIFICATIONS

#### Mechanical Information:

<b>Fixture Weight:</b>	22.05 lbs (10kg)
<b>Shipping Weight:</b>	26.9 lbs (12.2kg)
<b>Mounting/ Entries: (See Accessories)</b>	(1) 3/4" NPT - TOP (2) 3/4" NPT 90° - SIDES (2) 3/4" NPT 45° - SIDES

#### Electric Specifications:

<b>Operating Voltage:</b>	90 - 305V AC 127-431V DC
<b>Lumens:</b>	18000 - 21000 lm
<b>Wattage:</b>	140W
<b>Operating Temp:</b>	-40°C ~ 60°C
<b>THD:</b>	<20% (@load≥50% / 115VAC,230VAC) (@load≥75% / 277VAC)
<b>Power Factor:</b>	≥ 0.98/115VAC ≥ 0.95/230VAC ≥ 0.92/277VAC
<b>Short Circuit:</b>	Constant Current Limiting, Recovers Automatically After Fault Condition is Removed
<b>Frequency:</b>	47-63Hz
<b>Vibration:</b>	15.6Grms

#### Construction:

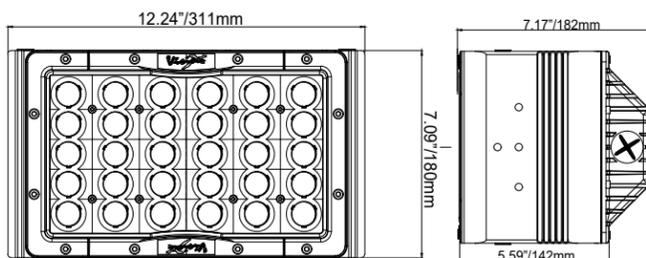
<b>Housing:</b>	Die-Cast 6061 Aluminum
<b>Finish:</b>	Gloss Grey
<b>Lens:</b>	Polycarbonate Lens

#### LED Light Engine / Driver

<b>LED:</b>	XP-L(CREE)
<b>Amp Draw:</b>	1.22A @ 115VAC 0.61A @ 230VAC 0.51A @ 277VAC
<b>Lifespan:</b>	50,000 hr



#### 2D DRAWING:



#### RATINGS:

<b>EMC Emission:</b>	Compliance to EN55015, EN55022 (CISPR22) Class B, EN61000-3-2 Class C (@Load ≥ 50%); EN61000-3-3
<b>EMC Immunity:</b>	Compliance to EN61000-4-2,3,4,5,6,8,11, EN61547, EN55024, Light Industry Level (surge immunity Line-Earth 4KV, Line-Line 2KV)
<b>UL 1598A Marine:</b>	✓
<b>Ingress Protection:</b>	IP-68, IP69k



# HIGH BAY LIGHTING

## Ordering Information / Photometric Report

Project Name:  
Date:  
Type:

### ORDERING NUMBER LOGIC

Ordering Example: LUC-30-18K-140-SD-LV-GR-5K----

Series	# of LED's	Lumens	Watts	Beam Pattern	Voltage	Housing Color	Color Temp.	Accessories
<b>SERIES</b>								
LUC	Lucent Engineering							
	<b>NUMBER OF LEDS</b>							
30	30 High Output LEDs							
70	70 High Output LEDs							
		<b>Lumens</b>						
		18K	18,000 Lumens					
		21K	21,000 Lumens <small>*only avail. in UD beam*</small>					
			<b>Watts</b>					
		140	Total Fixture Watts					
				<b>Beam Pattern</b>				
				SD	Spot 10°			
				ND	Narrow 25°			
				MD	Medium 40°			
				FD	Flood 60°			
				WD	Wide Flood 90°			
				UD	Ultra Wide Flood 180° <small>*only avail. in 21K Lumens*</small>			
					<b>Voltage</b>			
					LV	Low Voltage 90-277vAC		
					HV	High Voltage 480vAC		
						<b>Housing Color</b>		
						GR	Grey Housing	
							<b>Color Temperature</b>	
						5K	5,000° Kelvin	

#### ACCESSORIES

TR	Trunnion Bracket
TRHD	Trunnion Bracket Heavy Duty
STRHD	Trunnion Bracket Heavy Duty Stainless Steel
CHM2	2" ID Cobra Head Slipfitter Mount
CHM2.5	2.5" ID Cobra Head Slipfitter Mount
CHM3	3" ID Cobra Head Slipfitter Mount
PM	Pedant Mount Hook
SW34	3/4" Adjustable Swivel
S2	2" ID Universal Slipfitter Mount
S2.5	2.5" ID Universal Slipfitter Mount
S3	3" ID Universal Slipfitter Mount
OCY	Occupancy Sensor
DTD	Dusk to Dawn Sensor
YTL	277VAC Twist Lock Plug 6.6'/2M Whip Yellow
YSL	277VAC Twist Lock Plug 6.6'/2M Whip Black
BTL	120VAC Plug 6.6'/2M Whip Yellow
BSL	120VAC Plug 6.6'/2M Whip Black
PC2M	3P Female Quick Connect 2M
YBC1M	Bulk Cable Yellow PVC Jacket 3x16 AWG Conductors
BBC1M	Bulk Cable Black PVC Jacket 3x16 AWG Conductors



# HIGH BAY LIGHTING Accessories

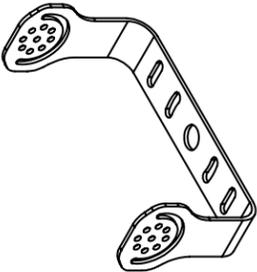
Project Name:  
Date:  
Type:



# HIGH BAY LIGHTING Notes

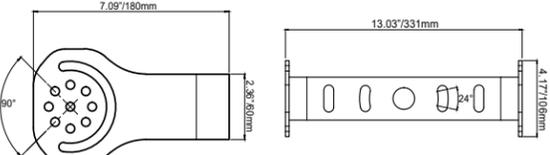
Project Name:  
Date:  
Type:

## Trunnion Brackets:

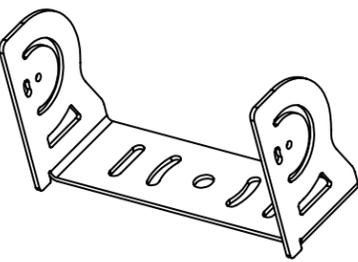


**Part #:** LUC-30-TR

**Dimensions:**

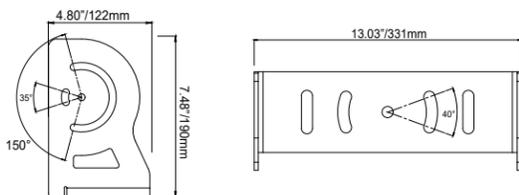


7.09"/180mm  
13.03"/331mm  
2.38"/60mm  
4.17"/106mm



**Part #:** LUC-30-TR-HD

**Dimensions:**



4.80"/122mm  
13.03"/331mm  
7.48"/190mm

## Accessory Hardware:



**10' QUICK CONNECT WIRE**  
**Part# :** \*\*\*\*



**110V AC PLUG**  
**Part# :** \*\*\*\*



**240-277V AC TWIST LOCK PLUG**  
**Part# :** \*\*\*\*



**PENDANT MOUNT HOOK**  
**Part# :** LUC-PM



**DUSK/DAWN SENSOR**  
**Part# :** LUC-DTD

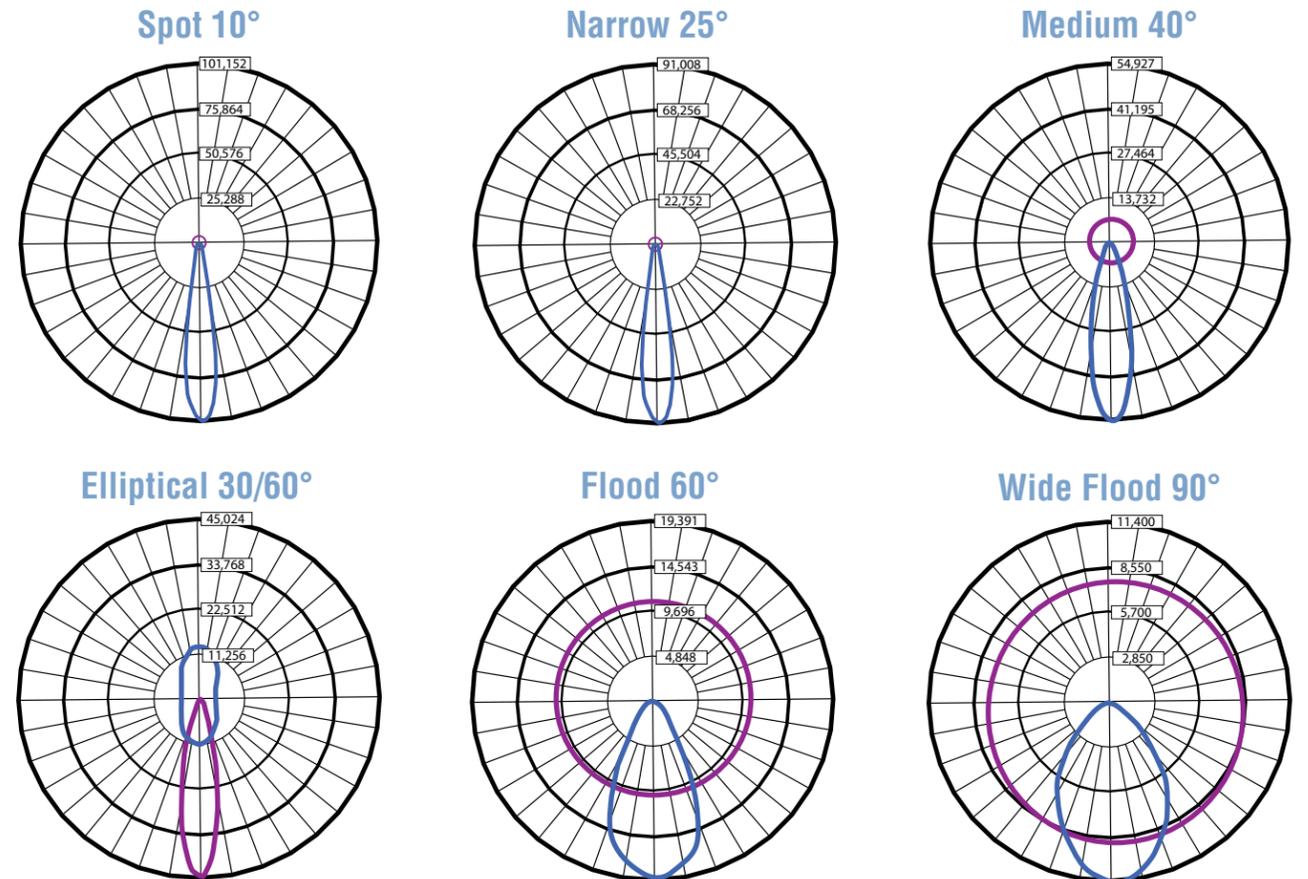


**3/4" ADJUSTABLE SWIVEL**  
**Part# :** \*\*\*\*



**SLIP FITTING**  
**Part# :**  
**2" Diameter :** LUC-S2  
**2.5" Diameter :** LUC-S2.5  
**3" Diameter :** LUC-S2.5

## PHOTOMETRIC DATA: Maximum Intensity (cd)



## NOTES:

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# HIGH BAY LIGHTING

## Product Information

Project Name:  
Date:  
Type:

### Application

Designed to outshine and outlast the competition, the High Bay fixture features advanced electronic technology like Pulse Width Modulation, Electronic Thermal Management, and a Redundant Circuit Design (60 LED) that allow the fixture to function even if half of the light should fail for unknown reasons. This is part of the effort by Vision X to ensure that the High Bay fixture is the most dependable LED fixture in the workplace.

### SPECIFICATIONS

#### Mechanical Information:

<b>Fixture Weight:</b>	37.05 lbs (16.81kg)
<b>Shipping Weight:</b>	40.05 lbs (18.17kg)
<b>Mounting/ Entries: (See Accessories)</b>	(1) 3/4" NPT - TOP (2) 3/4" NPT 90° - SIDES (2) 3/4" NPT 45° - SIDES

#### Electric Specifications:

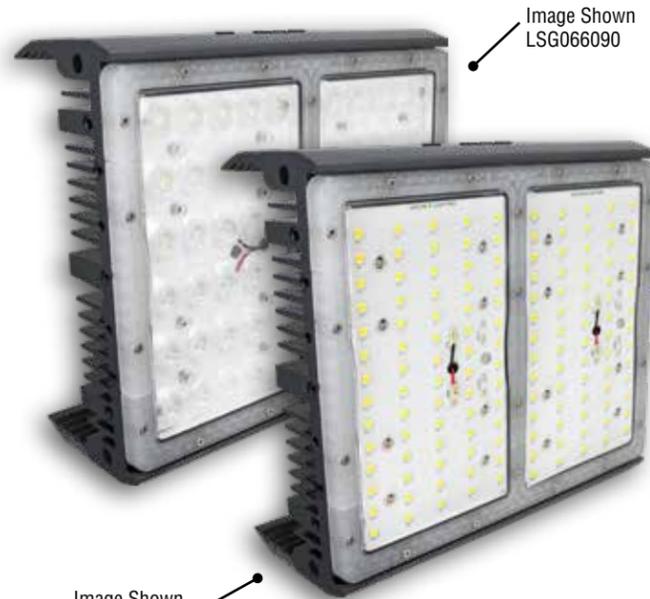
<b>Operating Voltage:</b>	90 - 305V AC 127 - 431V DC
<b>Lumens:</b>	36000 - 42000 lm
<b>Wattage:</b>	280W
<b>Operating Temp:</b>	-40°C ~ 60°C
<b>THD:</b>	<20% (@load≥50% / 115VAC,230VAC) (@load≥75% / 277VAC)
<b>Power Factor:</b>	≥ 0.98/115VAC ≥ 0.95/230VAC ≥ 0.92/277VAC
<b>Short Circuit:</b>	Constant Current Limiting, Recovers Automatically After Fault Condition is Removed
<b>Frequency:</b>	47-63Hz
<b>Vibration:</b>	15.6Grms

#### Construction:

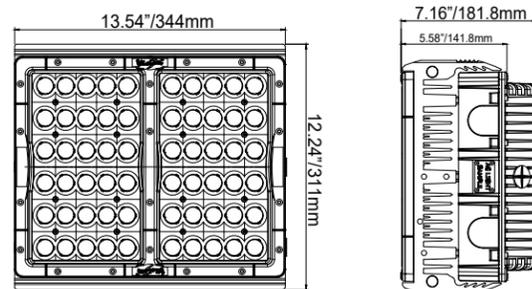
<b>Housing:</b>	Die-Cast 6061 Aluminum
<b>Finish:</b>	Gloss Grey
<b>Lens:</b>	Polycarbonate Lens

#### LED Light Engine / Driver

<b>LED:</b>	XP-LHD(CREE)
<b>Amp Draw:</b>	2.43A @ 115VAC 1.22A @ 230VAC 1.01A @ 277VAC
<b>Lifespan:</b>	50,000 hr



#### 2D DRAWING:



#### RATINGS:

<b>EMC Emission:</b>	Compliance to EN55015, EN55022 (CISPR22) Class B, EN61000-3-2 Class C (@Load ≥ 50%); EN61000-3-3
<b>EMC Immunity:</b>	Compliance to EN61000-4-2,3,4,5,6,8,11, EN61547, EN55024, Light Industry Level (surge immunity Line-Earth 4KV, Line-Line 2KV)
<b>UL 1598A Marine:</b>	✓
<b>Ingress Protection:</b>	IP-68, IP69k



# HIGH BAY LIGHTING

## Ordering Information / Photometric Report

Project Name:  
Date:  
Type:

### ORDERING NUMBER LOGIC

Ordering Example: LUC-60-18K-280-SD-LV-GR-5K

LUC	60	36K	280	SD	LV	GR	5K	---
Series	# of LED's	Lumens	Watts	Beam Pattern	Voltage	Housing Color	Color Temp.	Accessories
<b>SERIES</b>	LUC Lucent Engineering	<b>Lumens</b>	36K 36,000 Lumens 42K 42,000 Lumens <small>*only avail. in UD beam*</small>	<b>Beam Pattern</b>	SD Spot 10° ND Narrow 25° MD Medium 40° FD Flood 60° WD Wide Flood 90° UD Ultra Wide Flood 180° <small>*only avail. in 42K lumens*</small>	<b>Housing Color</b>	GR Grey Housing	
<b>NUMBER OF LED'S</b>	60 60 High Output LEDs 140 140 High Output LEDs	<b>Watts</b>	280 Total Fixture Watts	<b>Voltage</b>	LV Low Voltage 90-277vAC HV High Voltage 480vAC	<b>Color Temperature</b>	5K 5,000° Kelvin	

#### ACCESSORIES

TR	Trunion Bracket
TRHD	Trunion Bracket Heavy Duty
STRHD	Trunion Bracket Heavy Duty Stainless Steel
CHM2	2" ID Cobra Head Slipfitter Mount
CHM2.5	2.5" ID Cobra Head Slipfitter Mount
CHM3	3" ID Cobra Head Slipfitter Mount
PM	Pendant Mount Hook
SW34	3/4" Adjustable Swivel
S2	2" ID Universal Slipfitter Mount
S2.5	2.5" ID Universal Slipfitter Mount
S3	3" ID Universal Slipfitter Mount
OCY	Occupancy Sensor
DTD	Dusk to Dawn Sensor
YTL	277VAC Twist Lock Plug 6.6'/2M Whip Yellow
YSL	277VAC Twist Lock Plug 6.6'/2M Whip Black
BTL	120VAC Plug 6.6'/2M Whip Yellow
BSL	120VAC Plug 6.6'/2M Whip Black
PC2M	3P Female Quick Connect 2M
YBC1M	Bulk Cable Yellow PVC Jacket 3x16 AWG Conductors
BBC1M	Bulk Cable Black PVC Jacket 3x16 AWG Conductors



# HIGH BAY LIGHTING Accessories

Industrial Applications | High Bay Light

Project Name:

Date:

Type:



# HIGH BAY LIGHTING Photometric Data

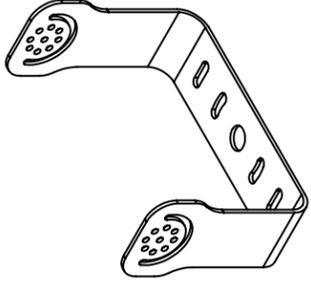
Industrial Applications | High Bay Light

Project Name:

Date:

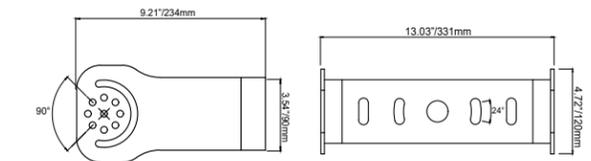
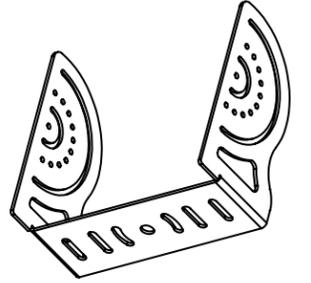
Type:

## Trunnion Brackets:



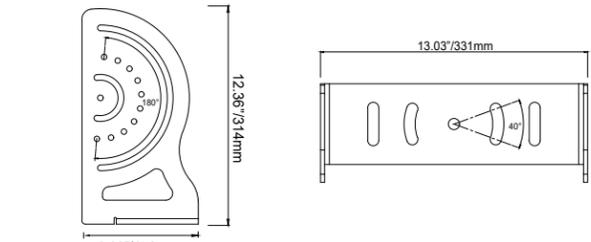
**Part #:** LUC-60-TR

**Dimensions:**

**Part #:** LUC-60-TR-HD

**Dimensions:**



## Accessory Hardware:



**10' QUICK CONNECT WIRE**  
Part# : \*\*\*\*



**110V AC PLUG**  
Part# : \*\*\*\*



**240-277V AC TWIST LOCK PLUG**  
Part# : \*\*\*\*



**PENDANT MOUNT HOOK**  
Part# : LUC-PM



**DUSK/DAWN SENSOR**  
Part# : LUC-DTD



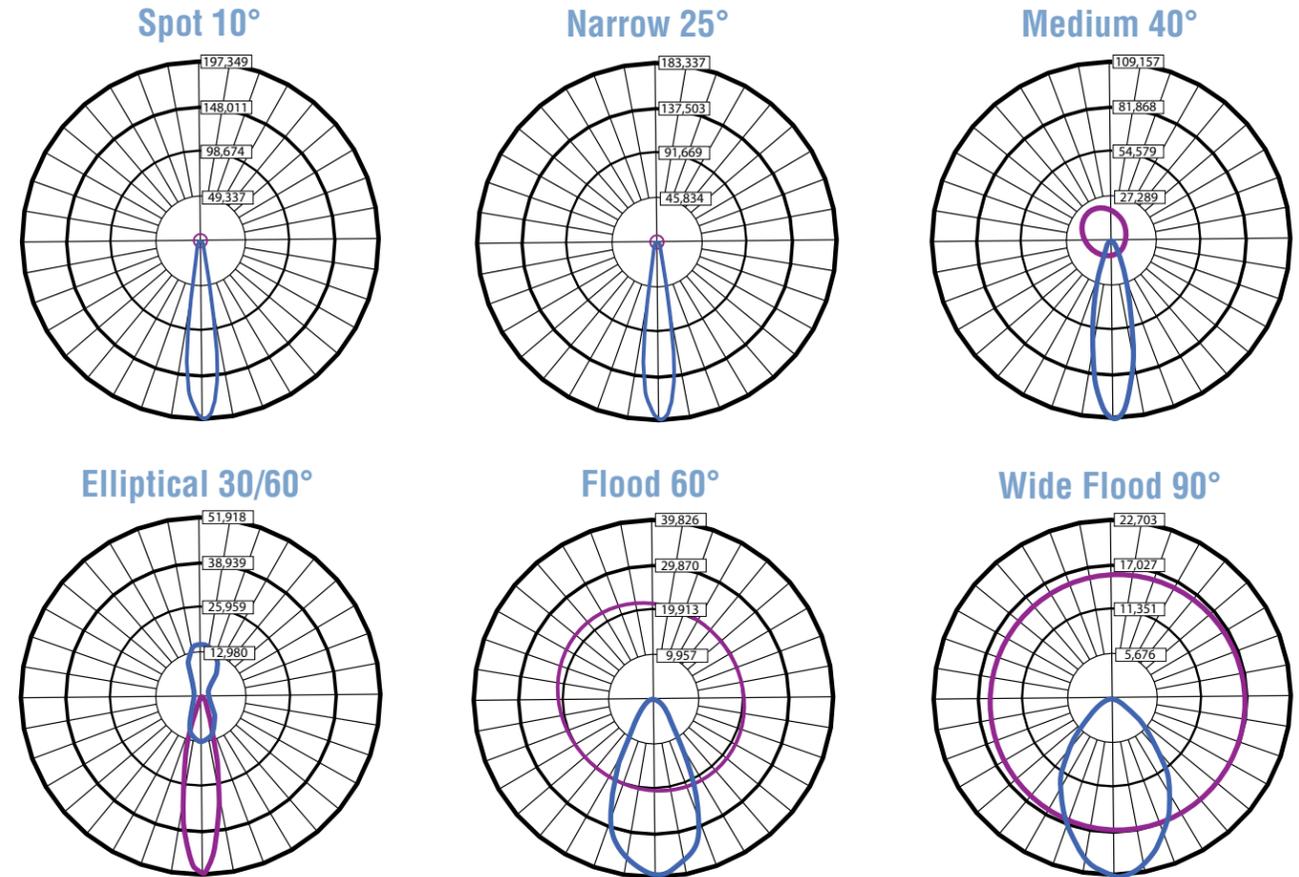
**3/4" ADJUSTABLE SWIVEL**  
Part# : \*\*\*\*



**SLIP FITTING**  
Part# :  
2" Diameter : LUC-S2  
2.5" Diameter : LUC-S2.5  
3" Diameter : LUC-S2.5

## PHOTOMETRIC DATA:

Maximum Intensity (cd)



## NOTES:

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# JUNCTION BOX

## Product Information

Project Name:  
Date:  
Type:

### Application

Designed to outshine and outlast the competition, the Junction Box fixture features advanced electronic technology like Pulse Width Modulation, Electronic Thermal Management, and a Redundant Circuit Design that allow the fixture to function even if half of the light should fail for unknown reasons. This is part of the effort by Vision X to ensure that the Junction Box fixture is the most dependable LED fixture in the workplace.

### Mechanical Information:

<b>Fixture Weight:</b>	8 lbs (3.8kg)
<b>Shipping Weight:</b>	10 lbs (4.5kg)
<b>Mounting/ Entries: (See Accessories)</b>	(6) 3/4" NPT - SIDES

### Electric Specifications:

<b>Operating Voltage:</b>	90 - 305VAC 127 - 431VDC
<b>Lumens:</b>	6000-7000 lm
<b>Wattage:</b>	50W
<b>Operating Temp:</b>	-40°C - 60°C
<b>THD:</b>	<20% (@load≥50% / 115VAC,230VAC) (@load≥75% / 277VAC)
<b>Power Factor:</b>	≥ 0.98/115VAC ≥ 0.95/230VAC ≥ 0.92/277VAC
<b>Short Circuit:</b>	Constant Current Limiting, Recovers Automatically After Fault Condition is Removed
<b>Frequency:</b>	47-63Hz
<b>Vibration:</b>	15.6Grms

### Construction:

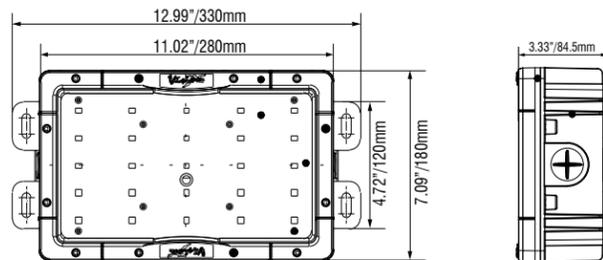
<b>Housing:</b>	Die-Cast 6061 Aluminum
<b>Finish:</b>	Gloss Grey
<b>Lens:</b>	Polycarbonate Lens

### LED Light Engine / Driver

<b>LED:</b>	MHB-B(CREE)
<b>Amp Draw:</b>	0.43A @ 115VAC 0.22A @ 230VAC 0.18A @ 277VAC
<b>Lifespan:</b>	50,000 hr



### 2D DRAWING:



### RATINGS:

<b>EMC Emission:</b>	Compliance to EN55022, EN61000-3-2 Class A, EN61000-3-3
<b>EMC Immunity:</b>	Compliance to EN55024, EN61000-4-2, 3, 4, 5, 6, 8, 11; light industry level (surge 2KV), criteria A
<b>UL 1598A Marine:</b>	✓
<b>Ingress Protection:</b>	IP-68, IP69k



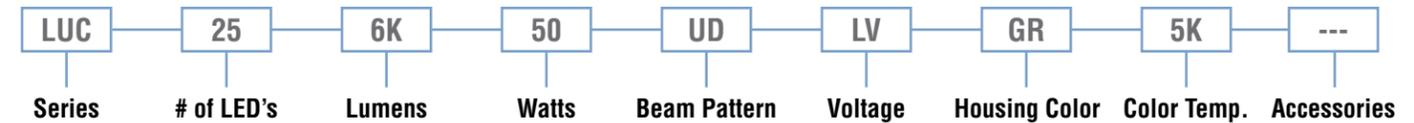
# JUNCTION BOX

## Ordering Information / Photometric Report

Project Name:  
Date:  
Type:

### ORDERING NUMBER LOGIC

Ordering Example: LUC-25-6K-50-UD-LV-GR-5K----



### SERIES

LUC	Lucent Engineering
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### NUMBER OF LEDS

25	25 High Output LEDs
30	30 High Output LEDs

### Lumens

6K	6,000 Lumens
7K	7,000 Lumens *only avail. in UD beam*

### Watts

50	Total Fixture Watts
----	---------------------

### Beam Pattern

SD	Spot 10°
ND	Narrow 25°
MD	Medium 40°
FD	Flood 60°
WD	Wide Flood 90°
UD	Ultra Wide Flood 180° *only avail. in 7K lumens*

### Voltage

LV	Low Voltage 90-277vAC
HV	High Voltage 480vAC

### Housing Color

GR	Grey Housing
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### Color Temperature

5K	5,000° Kelvin
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### ACCESSORIES

PH1	Dual Bracket for P&H Shovel
WP	Wall Pack Mount
CHM2	2" ID Cobra Head Slipfitter Mount
CHM2.5	2.5" ID Cobra Head Slipfitter Mount
CHM3	3" ID Cobra Head Slipfitter Mount
PM	Pedant Mount Hook
SW34	3/4" Adjustable Swivel
S2	2" ID Universal Slipfitter Mount
S2.5	2.5" ID Universal Slipfitter Mount
S3	3" ID Universal Slipfitter Mount
OCY	Occupancy Sensor
DTD	Dusk to Dawn Sensor
YTL	277VAC Twist Lock Plug 6.6'/2M Whip Yellow
YSL	277VAC Twist Lock Plug 6.6'/2M Whip Black
BTL	120VAC Plug 6.6'/2M Whip Yellow
BSL	120VAC Plug 6.6'/2M Whip Black
PC2M	3P Female Quick Connect 2M
QC34	3P Male Quick Connect 2M
YBC1M	Bulk Cable Yellow PVC Jacket 3x16 AWG Conductors
BBC1M	Bulk Cable Black PVC Jacket 3x16 AWG Conductors



# JUNCTION BOX Accessories

Project Name:  
Date:  
Type:

## HARDWARE:



**10' QUICK CONNECT WIRE**  
Part# : LAYUPC2M



**3/4" JUNCTION BOX QUICK CONNECT**  
Part# : \*\*\*\*



**110V AC PLUG**  
Part# : \*\*\*\*



**240-277V AC TWIST LOCK PLUG**  
Part# : \*\*\*\*



**PENDANT MOUNT HOOK**  
Part# : LUC-PM



**DUSK/DAWN SENSOR**  
Part# : LUC-DTD



**3/4" ADJUSTABLE SWIVEL**  
Part# : \*\*\*\*



**SLIP FITTING**  
Part# :  
2" Diameter : LUC-S2  
2.5" Diameter : LUC-S2.5  
3" Diameter : LUC-S2.5



**BULK PVC JACKETED CABLE**  
Part# : LAYUBC1M



**BULK PVC JACKETED CABLE**  
Part# : LABUBC1M



**WALL PACK MOUNT**  
Part# : LAGJ5WM



**DUAL BRACKET**  
Part# : LSG0330180



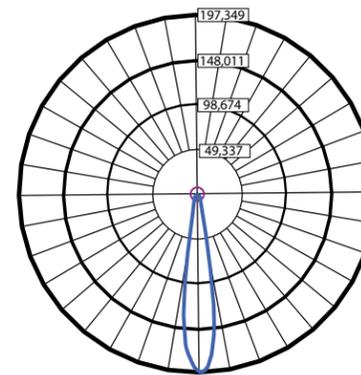
# JUNCTION BOX Photometric Data

Project Name:  
Date:  
Type:

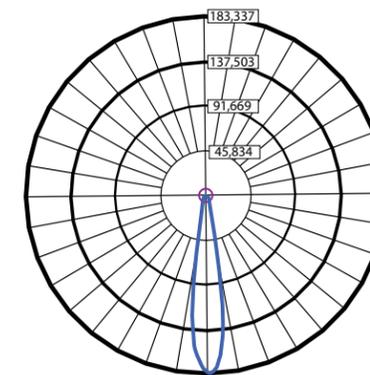
## PHOTOMETRIC DATA:

Maximum Intensity (cd)

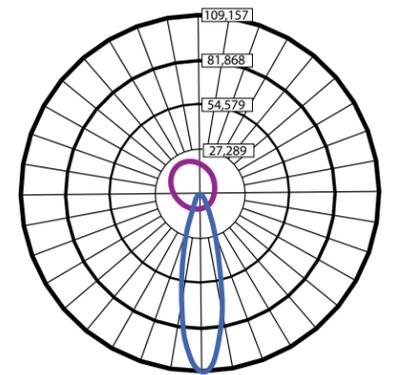
**Spot 10°**



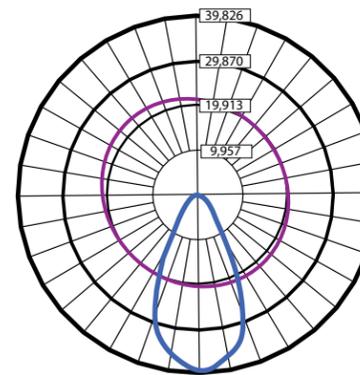
**Narrow 25°**



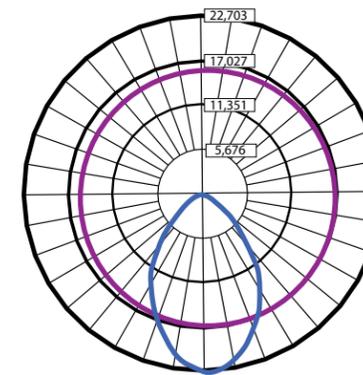
**Medium 40°**



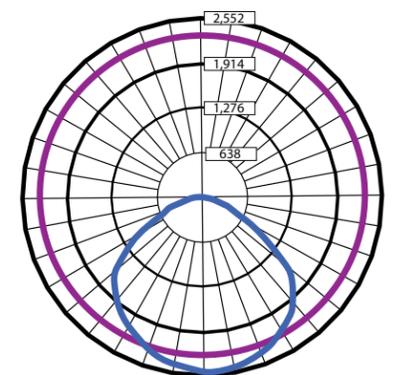
**Flood 60°**



**Wide Flood 90°**



**Ultra Flood 180°**



## NOTES:

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# JUNCTION BOX

## Product Information

Project Name:  
Date:  
Type:

### Application

Designed to outshine and outlast the competition, the Junction Box fixture features advanced electronic technology like Pulse Width Modulation, Electronic Thermal Management, and a Redundant Circuit Design that allow the fixture to function even if half of the light should fail for unknown reasons. This is part of the effort by Vision X to ensure that the Junction Box fixture is the most dependable LED fixture in the workplace.

### Mechanical Information:

<b>Fixture Weight:</b>	2 lbs (0.9kg)
<b>Shipping Weight:</b>	4 lbs (1.8kg)
<b>Mounting/ Entries: (See Accessories)</b>	(4 ) 3/4" NPT - SIDES

### Electric Specifications:

<b>Operating Voltage:</b>	90 - 264VAC 127 - 370VDC
<b>Lumens:</b>	1000 lm
<b>Wattage:</b>	10W
<b>Operating Temp:</b>	-40°C ~ 60°C
<b>THD:</b>	<20% (@load≥50% / 115VAC,230VAC) (@load≥75% / 277VAC)
<b>Power Factor:</b>	≥ 0.98/115VAC ≥ 0.95/230VAC ≥ 0.92/277VAC
<b>Short Circuit:</b>	Constant Current Limiting, Recovers Automatically After Fault Condition is Removed
<b>Frequency:</b>	47-63Hz
<b>Vibration:</b>	15.6Grms

### Construction:

<b>Housing:</b>	Die-Cast 6061 Aluminum
<b>Finish:</b>	Gloss Grey
<b>Lens:</b>	Polycarbonate Lens

### LED Light Engine / Driver

<b>LED:</b>	5630(LG)
<b>Amp Draw:</b>	0.09A @ 115VAC 0.04A @ 230VAC 0.04A @ 277VAC
<b>Lifespan:</b>	50,000 hr

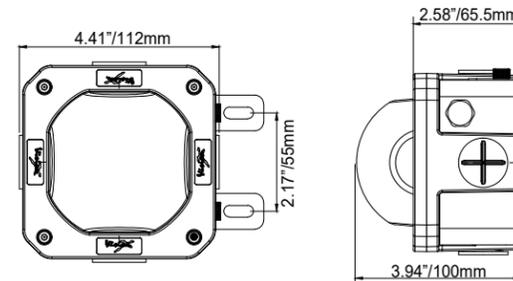


\*Frosted Lens Shown  
Part #: LSGSM40180F

\*Clear Lens Shown  
Part #: LSGSM40180



### 2D DRAWING:



### RATINGS:

<b>EMC Emission:</b>	Compliance to EN55022,EN61000-3-2 Class A ,EN61000-3-3
<b>EMC Immunity:</b>	Compliance to EN55024, EN61000-4-2,3,4,5,6,8,11; light industry level(surge 2KV), criteria A
<b>UL 1598A Marine:</b>	✓
<b>Ingress Protection:</b>	IP-68, IP69k



# JUNCTION BOX

## Ordering Information / Photometric Report

Project Name:  
Date:  
Type:

### ORDERING NUMBER LOGIC

Ordering Example: LUC-40-1K-10-UD-LV-GR-5K

<b>LUC</b>	<b>40</b>	<b>1K</b>	<b>10</b>	<b>UD</b>	<b>LV</b>	<b>GR</b>	<b>5K</b>	<b>---</b>
<b>Series</b>	<b># of LED's</b>	<b>Lumens</b>	<b>Watts</b>	<b>Beam Pattern</b>	<b>Voltage</b>	<b>Housing Color</b>	<b>Color Temp.</b>	<b>Accessories</b>
<b>SERIES</b>	<b>Lumens</b>			<b>Beam Pattern</b>		<b>Housing Color</b>		
LUC Lucent Engineering	1K 1,000 Lumens			UD Ultra Wide Flood 180° *Clear Lens		GR Grey Housing		
<b>NUMBER OF LED'S</b>	<b>Watts</b>			<b>Voltage</b>		<b>Color Temperature</b>		
40 40 High Output LED's	10 Total Fixture Watts			LV Low Voltage 90-277vAC		5k 5,000° Kelvin		

### ACCESSORIES

PCVA	Amber Cover
PCVB	Blue Cover
PCVG	Green Cover
PCVR	Red Cover
CHM2	2" ID Cobra Head Slipfitter Mount
CHM2.5	2.5" ID Cobra Head Slipfitter Mount
CHM3	3" ID Cobra Head Slipfitter Mount
PM	Pendant Mount Hook
SW34	3/4" Adjustable Swivel
S2	2" ID Universal Slipfitter Mount
S2.5	2.5" ID Universal Slipfitter Mount
S3	3" ID Universal Slipfitter Mount
OCY	Occupancy Sensor
DTD	Dusk to Dawn Sensor
YTL	277VAC Twist Lock Plug 6.6'/2M Whip Yellow
YSL	277VAC Twist Lock Plug 6.6'/2M Whip Black
BTL	120VAC Plug 6.6'/2M Whip Yellow
BSL	120VAC Plug 6.6'/2M Whip Black
PC2M	3P Female Quick Connect 2M
YBC1M	Bulk Cable Yellow PVC Jacket 3x16 AWG Conductors
BBC1M	Bulk Cable Black PVC Jacket 3x16 AWG Conductors





# HAZARDOUS AREA LIGHTING

## Product Information

Project Name:  
Date:  
Type:

### Application

Zone 1 – Gases, Mists, Vapors. Occasional, Present  
Zone 2 – Gases, Mists, Vapors. Only present for a short period  
EX d – Prevents transmission of the explosion outside  
II B – For Complete list of explosion group examples see ATEX 94/9/EC

### SPECIFICATIONS ATEX C E 0575 EX II 2G Ex d II B T5 Gb

#### Mechanical Information:

Fixture Weight:	21 lbs (9.5kg)
Shipping Weight:	23 lbs (10.4kg)
Mounting/ Entries: (See Accessories)	(1) 3/4" NPT - TOP

#### Electric Specifications:

Operating Voltage:	90 - 305V AC 127 - 431V DC
Lumens:	3500 lm
Wattage:	40W
Operating Temp:	-40°C - 60°C
THD:	<20% (@load≥50% / 115VAC,230VAC) (@load≥75% / 277VAC)
Power Factor:	≥ 0.98/115V AC ≥ 0.95/230V AC ≥ 0.92/277V AC
Short Circuit:	Constant Current Limiting, Recovers Automatically After Fault Condition is Removed
Frequency:	47-63Hz
Vibration:	15.6Grms

#### Construction:

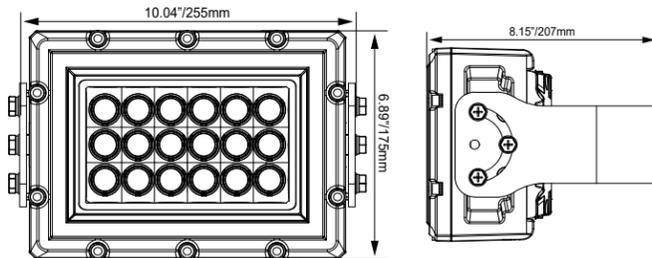
Housing:	Die-Cast 6061 Aluminum
Finish:	Black
Lens:	Soda-Lime Glass Lens

#### LED Light Engine / Driver

LED:	XP-E(CREE)
Amp Draw:	0.35A @ 115VAC 0.17A @ 230VAC 0.14A @ 277VAC
Lifespan:	50,000 hr



#### 2D DRAWING:



#### RATINGS:

EMC Emission:	Compliance to EN55015, EN55022 (CISPR22) Class B, EN61000-3-2 Class C (@Load ≥ 50%); EN61000-3-3
EMC Immunity:	Compliance to EN61000-4-2,3,4,5,6,8,11, EN61547, EN55024, Light Industry Level (surge immunity Line-Earth 4KV, Line-Line 2KV)
Ingress Protection:	IP-68, IP69k



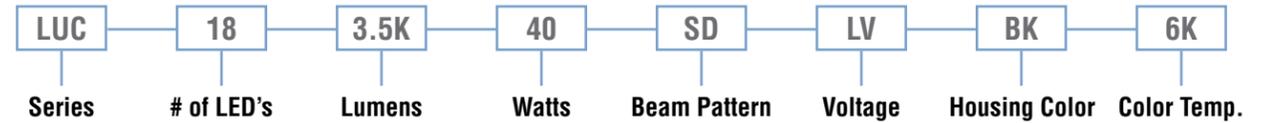
# HAZARDOUS AREA LIGHTING

## Ordering Information / Photometric Report

Project Name:  
Date:  
Type:

### ORDERING NUMBER LOGIC

Ordering Example: LUC-18-3.5K-40-SD-LV-BK-6K



SERIES	
LUC	Lucent Engineering

NUMBER OF LEDS	
18	18 High Output LED's

Lumens	
3.5K	3,500 Lumens

Watts	
40	Total Fixture Watts

Beam Pattern	
SD	Spot 10°
ND	Narrow 25°
FD	Flood 60°

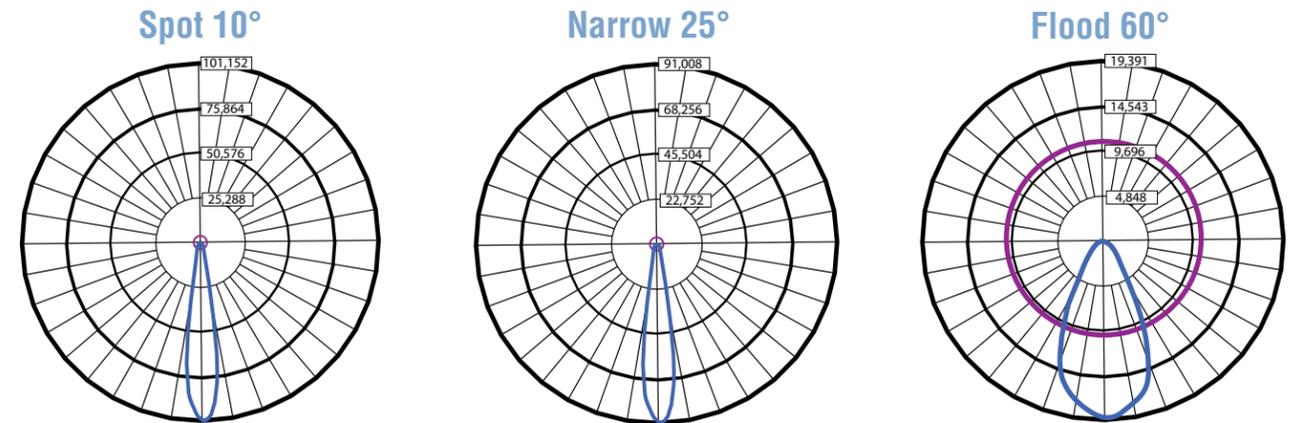
Voltage	
LV	Low Voltage 90-277vAC
HV	High Voltage 480vAC

Housing Color	
BK	Black Housing

Color Temperature	
6k	6,000° Kelvin

### PHOTOMETRIC DATA:

Maximum Intensity (cd)











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