

GANTRY CRANE LIGHTING

Industrial Applications



LED | LIGHTING CATALOG

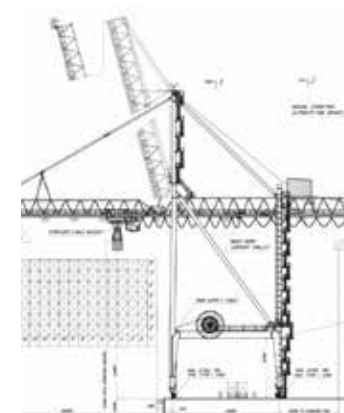


ENGINEERED LIGHTING SOLUTIONS

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



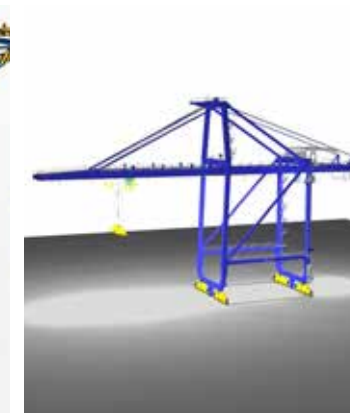
2D BLUEPRINT

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



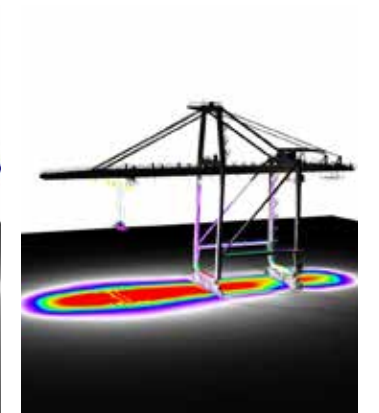
3D MODEL

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



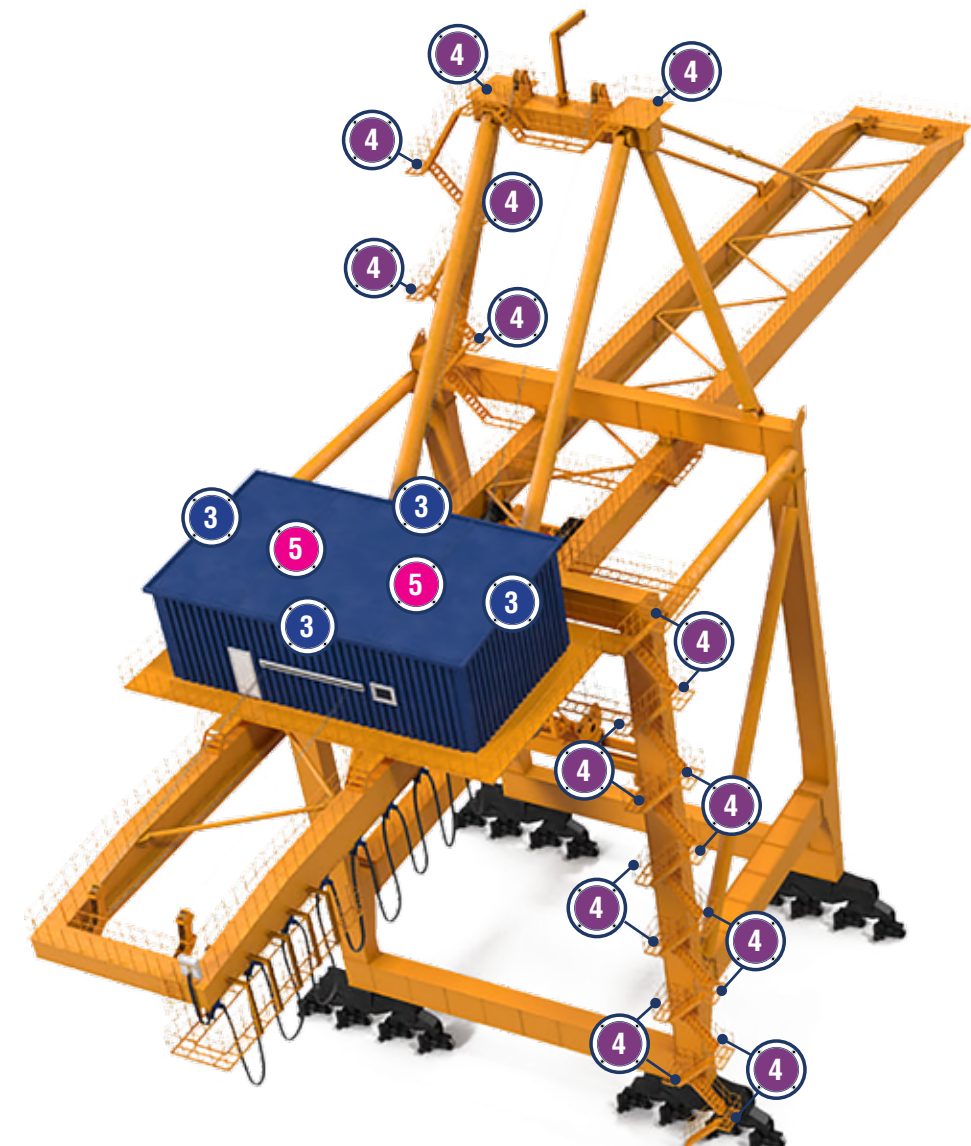
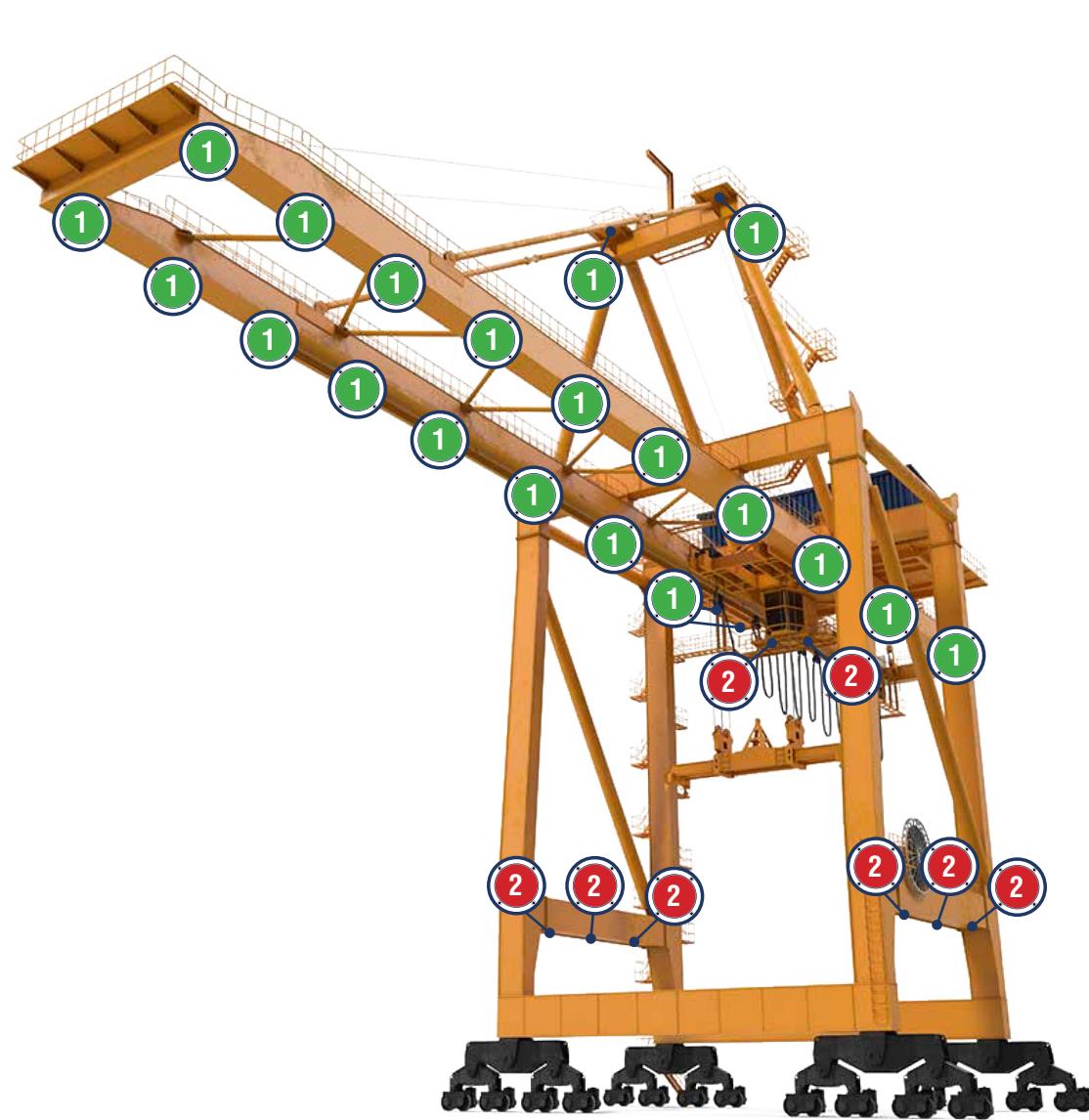
SIMULATION RENDER

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.



1 AC 280W



**BOOM LIGHTING
AC-SERIES GANTRY LIGHT**

Number of Fixtures : 2
Locations : **Boom**
Beam Pattern : **10°, 25°**
Part # : **LSG0660xxGANHV**

2 AC 140W



**SPREADER LIGHTING
AC-SERIES GANTRY LIGHT**

Number of Fixtures : 2
Locations : **Trolley, Under Girder**
Beam Pattern : **40°, 60°**
Part # : **LSG0630xxGANHV**

3 JBOX 50W



**MACHINE HOUSE LIGHTING
AC-SERIES GANTRY LIGHT**

Number of Fixtures : 2
Locations : **Exterior Machine House**
Beam Pattern : **90°, 180°**
Part # : **LSG0330xx**

4 JBOX 10W



**WALKWAY LIGHTING
AC-SERIES GANTRY LIGHT**

Number of Fixtures : 2
Locations : **Walkway, Stairwells**
Beam Pattern : **180°**
Part # : **LSGSM40180F**

5 LINEAR LIGHT



**ELECTRICAL ROOM LIGHTING
AC-SERIES GANTRY LIGHT**

Number of Fixtures : 2
Locations : **Interior Electrical Room**
Beam Pattern : **180°**
Part # : **LLG0212180F (1ft)**
LLG0221180F (2ft)
LLG0242180F (4ft)



BOOM LIGHTING

Product Information

Project Name:
Date:
Type:

Application

Designed to outshine and outlast the competition, the AC Boom Lighting 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 AC Boom Lighting fixture is the most dependable LED fixture in the workplace.

SPECIFICATIONS

Mechanical Information:

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

Electric Specifications:

Operating Voltage:	90 - 305V AC 127 - 431V DC
Lumens:	36000 - 42000 lm
Wattage:	280W
Operating Temp:	-40°C ~ 60°C
THD:	<20% (@load≥50% / 115VAC,230VAC) (@load≥75% / 277VAC)
Power Factor:	≥ 0.98/115VAC ≥ 0.95/230VAC ≥ 0.92/277VAC
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:	Gloss Grey
Lens:	Polycarbonate Lens

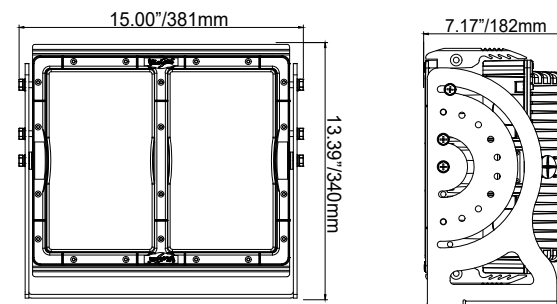
LED Light Engine / Driver

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



PART #:	BEAM PATTERN
1 LSG066010GANHV	10° Spot
LSG066025GANHV	25° Narrow

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)
UL 1598A Marine:	✓
Ingress Protection:	IP-68, IP69k



BOOM LIGHTING

Ordering Information

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
SERIES	LUC Lucent Engineering	Lumens	36K 36,000 Lumens 42K 42,000 Lumens <small>*only avail. in UD beam*</small>	Beam Pattern	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>	Housing Color	GR Grey Housing	
NUMBER OF LEDS	60 60 High Output LEDs 140 140 High Output LEDs	Watts	280 Total Fixture Watts	Voltage	LV Low Voltage 90-277VAC HV High Voltage 480VAC	Color Temperature	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



BOOM LIGHTING

Photometric Data

Project Name:
Date:
Type:



BOOM LIGHTING

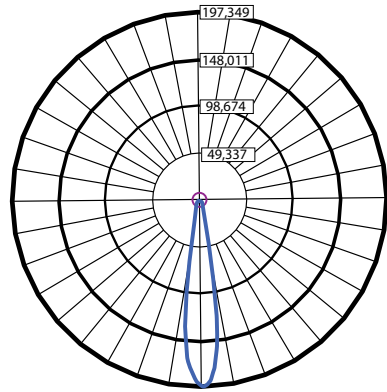
Accessories

Project Name:
Date:
Type:

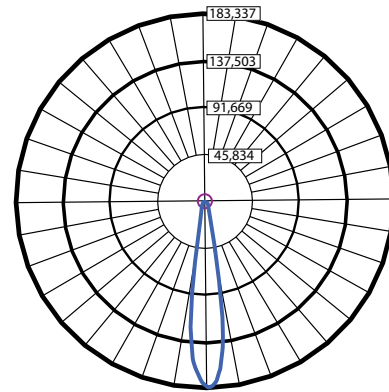
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Maximum Intensity (cd)

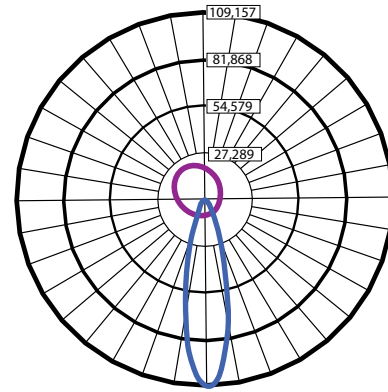
Spot 10°



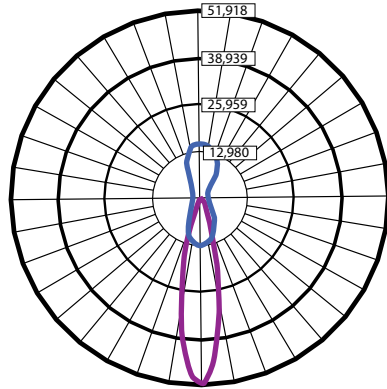
Narrow 25°



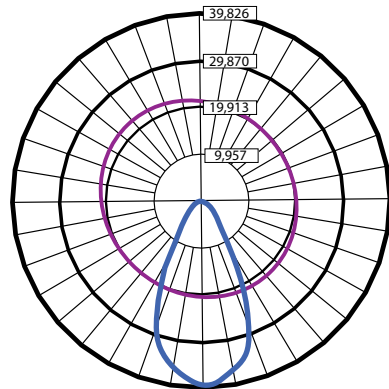
Medium 40°



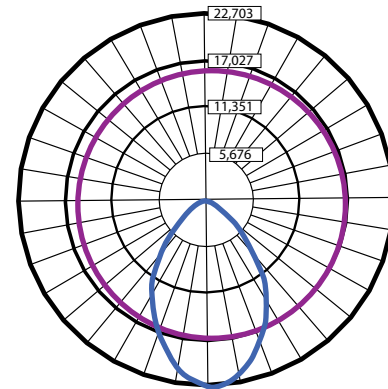
Elliptical 30/60°



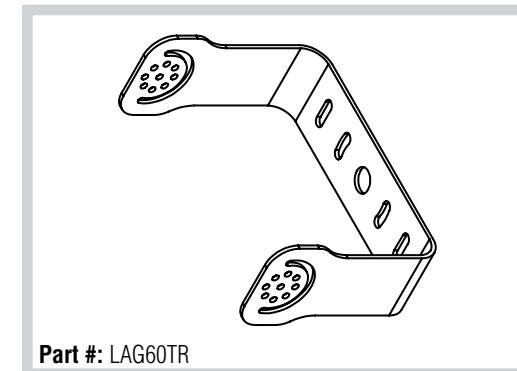
Flood 60°



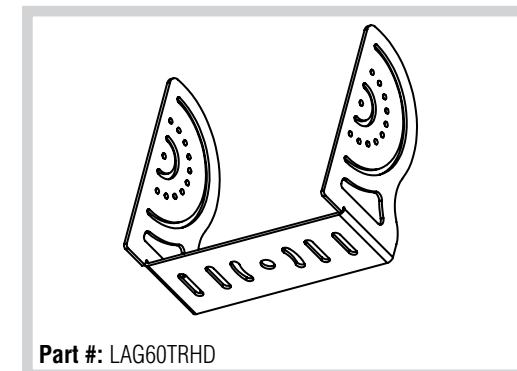
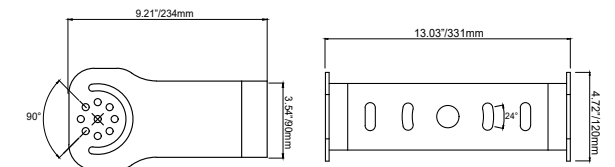
Wide Flood 90°



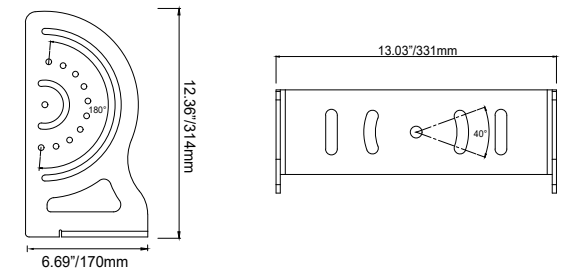
TRUNNION BRACKETS:



Dimensions:



Dimensions:



ACCESSORY HARDWARE:



10' QUICK CONNECT WIRE
Part# : LAYUBC1M



3/4" JUNCTION BOX QUICK CONNECT
Part# : LASUQC34



110V AC PLUG
Part# : LAYSL



240-277V AC TWIST LOCK PLUG
Part# : LAYTL



PENDANT MOUNT HOOK
Part# : LAGPM



DUSK/DAWN SENSOR
Part# : LAGDTD



3/4" ADJUSTABLE SWIVEL
Part# : LAGSW34



SLIP FITTING
Part# :
2" Diameter : LAGUS2
2.5" Diameter : LAGUS2.5
3" Diameter : LAGUS3



SPREADER LIGHTING

Product Information

Project Name:
Date:
Type:

Application

Designed to outshine and outlast the competition, the AC Spreader Lighting 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 AC Spreader Lighting fixture is the most dependable LED fixture in the workplace.

SPECIFICATIONS

Mechanical Information:

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

Electric Specifications:

Operating Voltage:	90 - 305V AC 127 - 431V DC
Lumens:	18000 - 21000 lm
Wattage:	140W
Operating Temp:	-40°C ~ 60°C
THD:	<20% (@load≥50% / 115VAC,230VAC) (@load≥75% / 277VAC)
Power Factor:	≥ 0.98/115VAC ≥ 0.95/230VAC ≥ 0.92/277VAC
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:	Gloss Grey
Lens:	Polycarbonate Lens

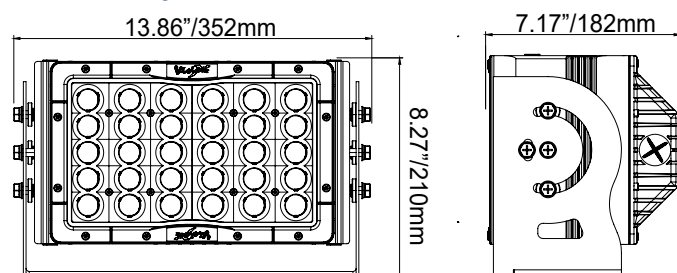
LED Light Engine / Driver

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



PART #:	BEAM PATTERN
2 LSG063040GANHV	40° Medium
LSG063060GANHV	60° Flood

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)
UL 1598A Marine:	✓
Ingress Protection:	IP-68, IP69k



SPREADER LIGHTING

Ordering Information / Photometric Report

Project Name:
Date:
Type:

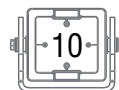
ORDERING NUMBER LOGIC

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

Series	# of LED's	Lumens	Watts	Beam Pattern	Voltage	Housing Color	Color Temp.	Accessories
SERIES		Lumens		Beam Pattern		Housing Color		
LUC Lucent Engineering		18K 18,000 Lumens 21K 21,000 Lumens <small>*only avail. in UD beam*</small>		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>		GR Grey Housing		
NUMBER OF LED'S		Watts		Voltage		Color Temperature		
30 30 High Output LEDs 70 70 High Output LEDs		140 Total Fixture Watts		LV Low Voltage 90-277VAC HV High Voltage 480VAC		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





SPREADER LIGHTING

Photometric Data

Project Name:
Date:
Type:



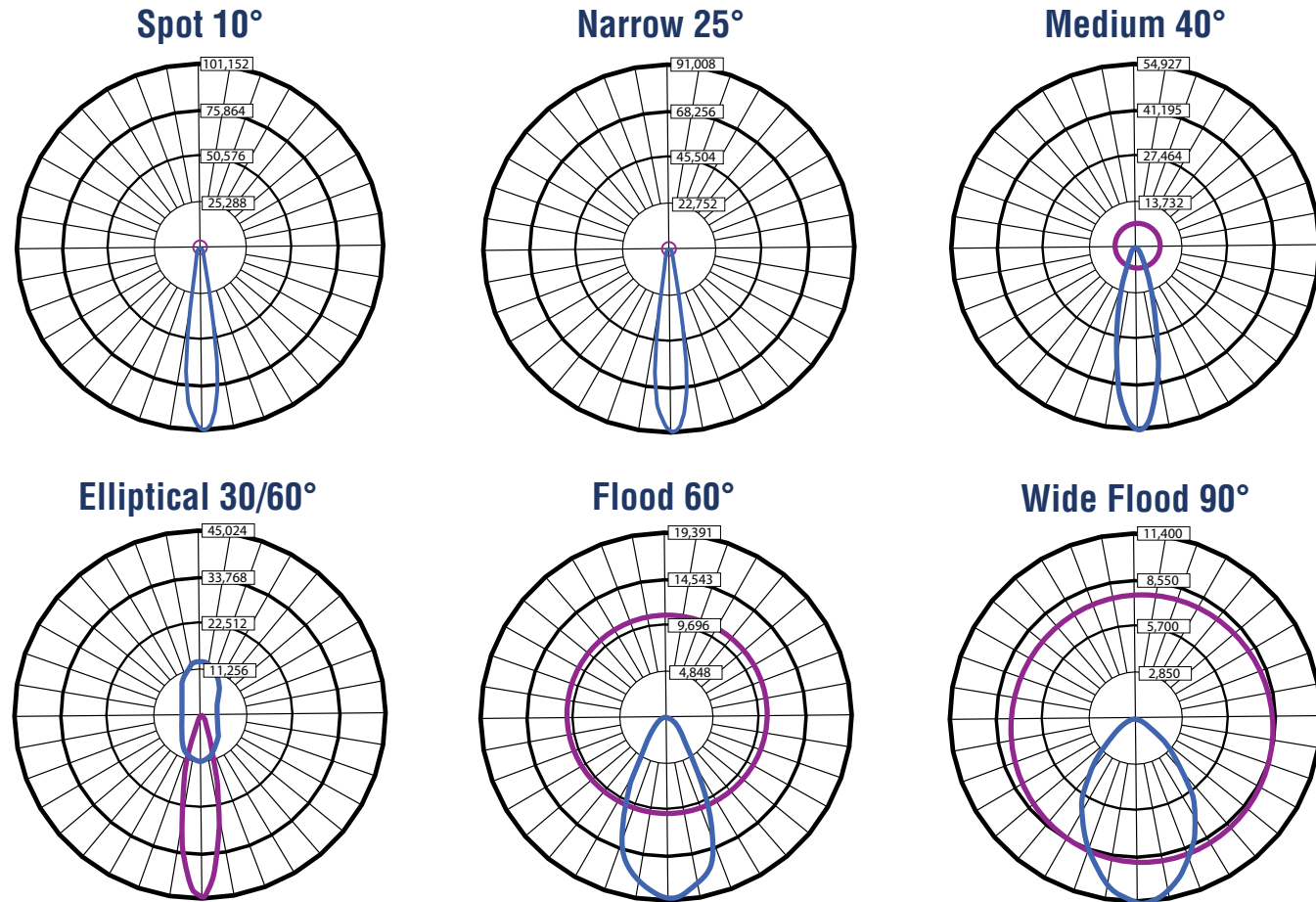
SPREADER LIGHTING

Accessories

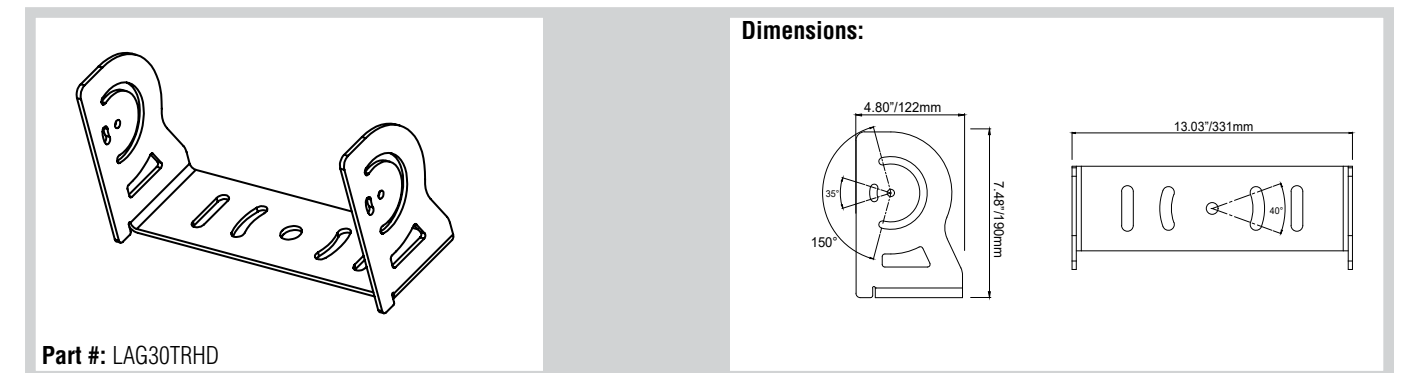
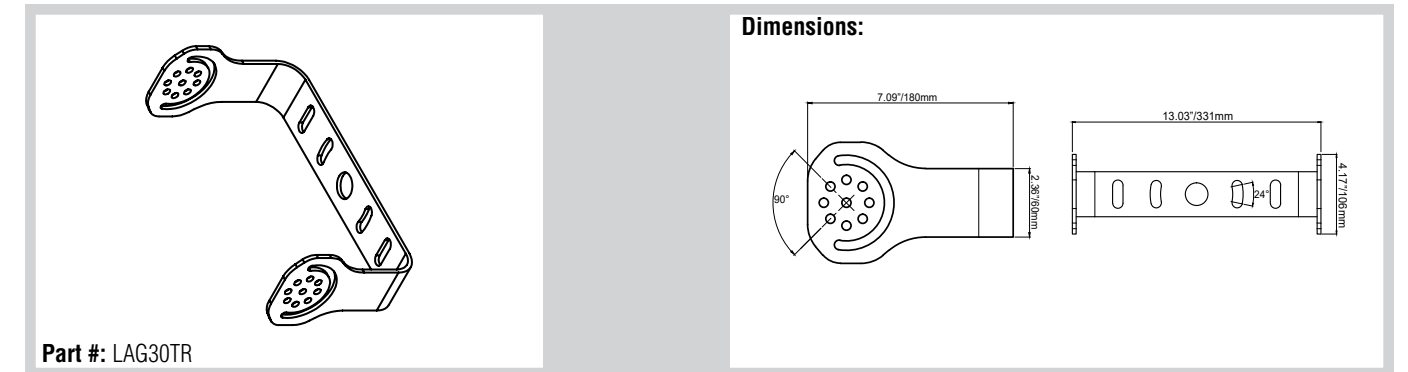
Project Name:
Date:
Type:

PHOTOMETRIC DATA:

Maximum Intensity (cd)



TRUNNION BRACKETS:



ACCESSORY HARDWARE:



10' QUICK CONNECT WIRE
Part#: LAYUBC1M



3/4\"/>
Part#: LASUQC34



110V AC PLUG
Part#: LAYSL



240-277V AC TWIST LOCK PLUG
Part#: LAYTL



PENDANT MOUNT HOOK
Part#: LAGPM



DUSK/DAWN SENSOR
Part#: LAGDTD



3/4\"/>
Part#: LAGSW34



SLIP FITTING
Part#: LAGUS2
2.5\"/>



MACHINE HOUSE LIGHTING

Product Information

Project Name:
Date:
Type:



MACHINE HOUSE LIGHTING

Ordering Information

Project Name:
Date:
Type:

Application

Designed to outshine and outlast the competition, the Machine House Lighting 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 Machine House Lighting fixture is the most dependable LED fixture in the workplace.

Mechanical Information:

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

Electric Specifications:

Operating Voltage:	90 - 305VAC 127 - 431VDC
Lumens:	6000 - 7000 lm
Wattage:	50W
Operating Temp:	-40°C - 60°C
THD:	<20% (@load≥50% / 115VAC,230VAC) (@load≥75% / 277VAC)
Power Factor:	≥ 0.98/115VAC ≥ 0.95/230VAC ≥ 0.92/277VAC
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:	Gloss Grey
Lens:	Polycarbonate Lens

LED Light Engine / Driver

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



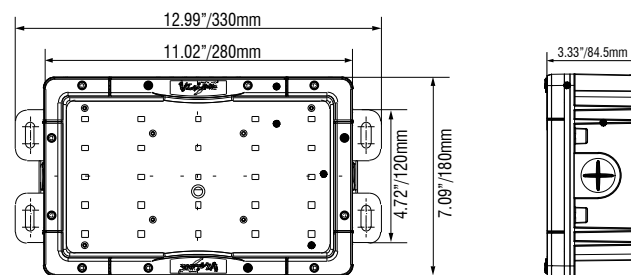
PART #:

3 LSG033090
LSG0330180

BEAM PATTERN

90° Wide Flood
180° Ultra Wide Flood

2D DRAWING:

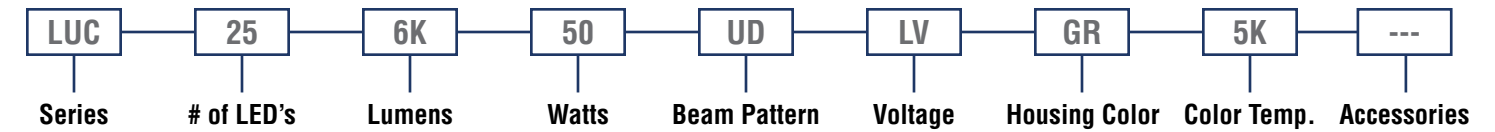


RATINGS:

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

ORDERING NUMBER LOGIC

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



SERIES

LUC	Lucent Engineering
-----	--------------------

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
----	--------------

Color Temperature

5K	5,000° Kelvin
----	---------------

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	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
QC34	3P Male Quick Connect 2M
YBC1M	Bulk Cable Yellow PVC Jacket 3x16 AWG Conductors
BBC1M	Bulk Cable Black PVC Jacket 3x16 AWG Conductors



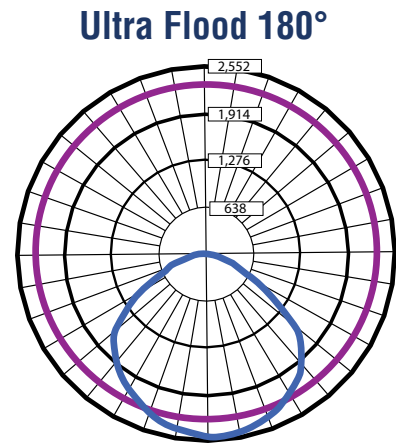
MACHINE HOUSE LIGHTING

Photometric Data / Accessories

Project Name:
Date:
Type:

PHOTOMETRIC DATA:

Maximum Intensity (cd)



ACCESSORY HARDWARE:



10' QUICK CONNECT WIRE
Part# : LAYUBC1M



3/4" JUNCTION BOX QUICK CONNECT
Part# : LASUQC34



110V AC PLUG
Part# : LAYSL



240-277V AC TWIST LOCK PLUG
Part# : LAYTL



PENDANT MOUNT HOOK
Part# : LAGPM



DUSK/DAWN SENSOR
Part# : LAGDTD



3/4" ADJUSTABLE SWIVEL
Part# : LAGSW34



SLIP FITTING
Part# :
2" Diameter : LAGUS2
2.5" Diameter : LAGUS2.5
3" Diameter : LAGUS3





WALKWAY LIGHTING

Product Information

Project Name:
Date:
Type:

Application

Designed to outshine and outlast the competition, the Walkway Lighting 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 Walkway Lighting fixture is the most dependable LED fixture in the workplace.

Mechanical Information:

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

Electric Specifications:

Operating Voltage:	90 - 264VAC 127 - 370VDC
Lumens:	1000 lm
Wattage:	10W
Operating Temp:	-40°C ~ 60°C
THD:	<20% (@load≥50% / 115VAC,230VAC) (@load≥75% / 277VAC)
Power Factor:	≥ 0.98/115VAC ≥ 0.95/230VAC ≥ 0.92/277VAC
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:	Gloss Grey
Lens:	Polycarbonate Lens

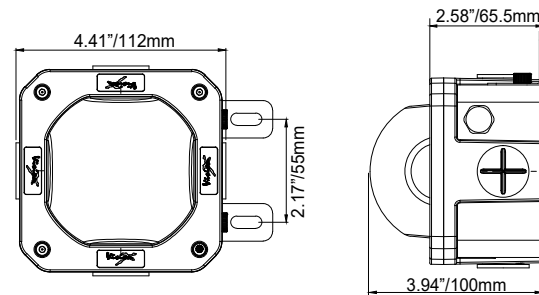
LED Light Engine / Driver

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



PART #:	BEAM PATTERN
4 LSGSM40180F	180° Ultra Wide Flood

2D DRAWING:



RATINGS:

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



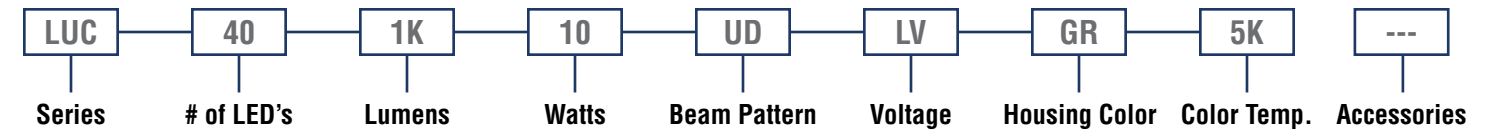
WALKWAY LIGHTING

Ordering Information

Project Name:
Date:
Type:

ORDERING NUMBER LOGIC

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



SERIES

LUC	Lucent Engineering
-----	--------------------

NUMBER OF LEDS

40	40 High Output LED's
----	----------------------

Lumens

1K	1,000 Lumens
----	--------------

Watts

10	Total Fixture Watts
----	---------------------

Beam Pattern

UD	Ultra Wide Flood 180° *Clear Lens
----	--------------------------------------

F	Ultra Wide Flood 180° *Frosted Lens
---	----------------------------------------

Voltage

LV	Low Voltage 90-277vAC
----	-----------------------

Housing Color

GR	Grey Housing
----	--------------

Color Temperature

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	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

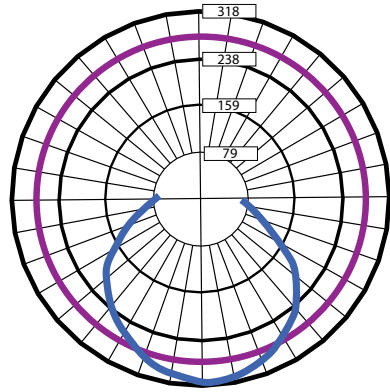


WALKWAY LIGHTING Accessories

Project Name:
Date:
Type:

PHOTOMETRIC DATA: Maximum Intensity (cd)

Ultra Wide Flood 180°



ACCESSORY HARDWARE:



10' QUICK CONNECT
WIRE
Part# : LAYUBC1M



3/4" JUNCTION BOX
QUICK CONNECT
Part# : LASUQC34



110V AC PLUG
Part# : LAYSL



240-277V AC TWIST
LOCK PLUG
Part# : LAYTL



PENDANT MOUNT HOOK
Part# : LAGPM



DUSK/DAWN SENSOR
Part# : LAGDTD



3/4" ADJUSTABLE
SWIVEL
Part# : LAGSW34



SLIP FITTING
Part# :
2" Diameter : LAGUS2
2.5" Diameter : LAGUS2.5
3" Diameter : LAGUS3

ACCESSORY COVERS:



RED COVER
Part# : LAJ1PCVR



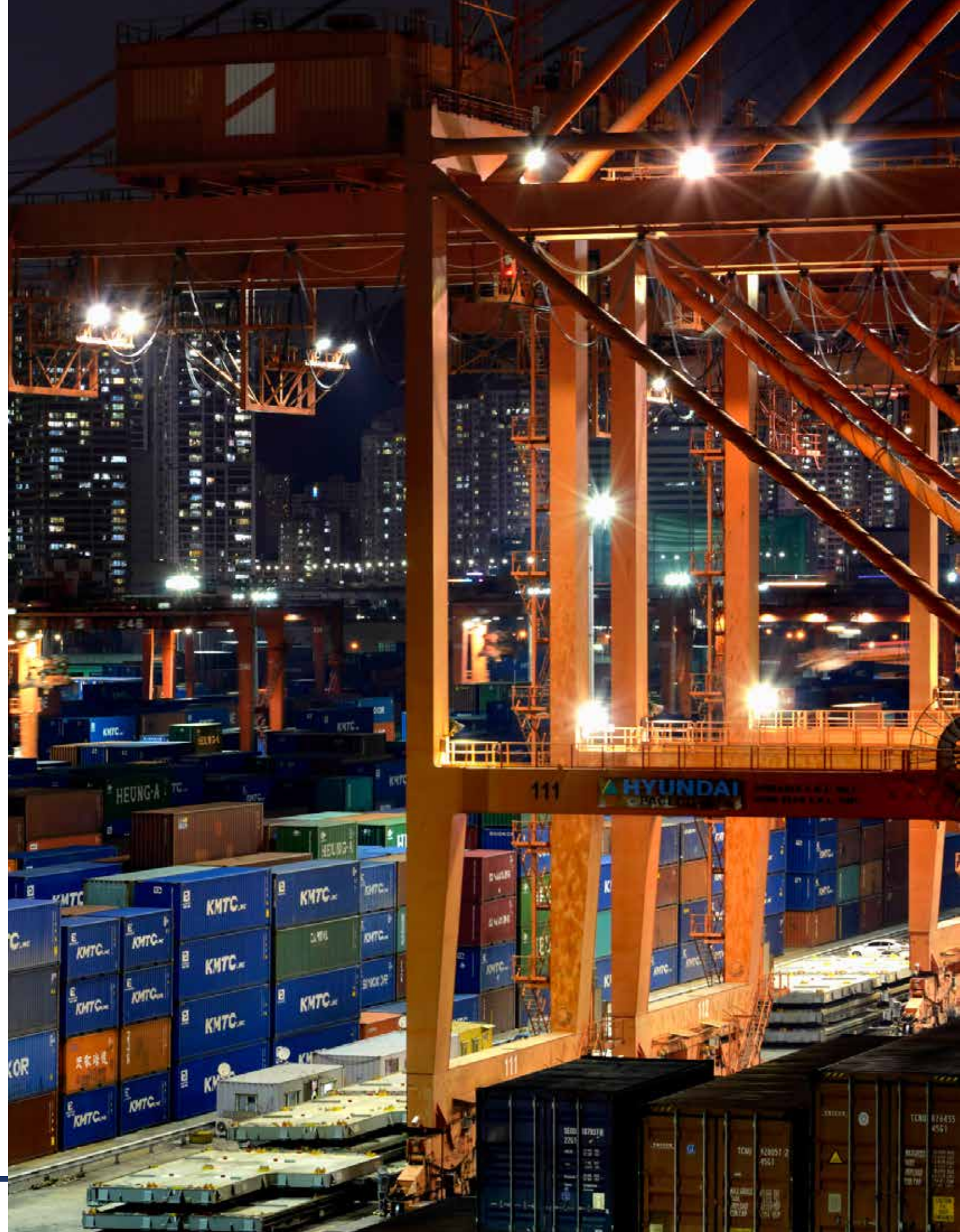
BLUE COVER
Part# : LAJ1PCVB



GREEN COVER
Part# : LAJ1PCVG



YELLOW COVER
Part# : LAJ1PCVA





ELECTRICAL ROOM LIGHTING

Product Information

Project Name:
Date:
Type:

Application

Designed to outshine and outlast the competition, the Electrical Room Lighting 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 Electrical Room Lighting fixture is the most dependable LED fixture in the workplace.

SPECIFICATIONS 4-FOOT LINEAR

Mechanical Information:

Fixture Weight:	11.05 lbs (5kg)
Shipping Weight:	13.65 lbs (6.2kg)
Mounting/ Entries: (See Accessories)	----

Electric Specifications:

Operating Voltage:	90 - 305VAC 127 - 300VDC
Lumens:	13,400 lm
Wattage:	100W
Operating Temp:	-40°C ~ 40°C
THD:	< 20% (@load≥75% /100-277VAC)
Power Factor:	≥ 0.98/120VAC ≥ 0.96/220VAC
Short Circuit:	Constant Current Limiting, Recovers Automatically After Fault Condition is Removed
Frequency:	47-63Hz
Vibration:	8.7Grms

Construction:

Housing:	Die-Cast 6061 Aluminum
Finish:	Gloss Grey
Lens:	Polycarbonate Lens

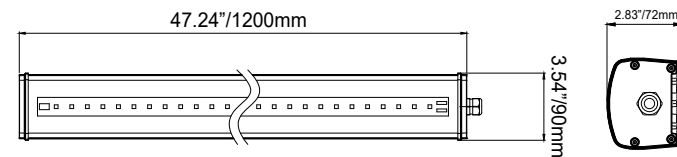
LED Light Engine / Driver

LED:	MHB-B(CREE)
Amp Draw:	1.0A @ 120VAC 0.55 @ 220VAC
Lifespan:	50,000 hr



PART #:	BEAM PATTERN / SIZE
5 LLG0242180F	180° Ultra Wide Flood / 4ft.

2D DRAWING:



RATINGS:

EMC Emission:	Compliance to EN55022, EN61000-3-2 Class A, EN61000-3-3
EMC Immunity:	Compliance to EN55024, EN61000-4-2,3,4,5,6,8,11; light industry level (surge 2KV), criteria A
Ingress Protection:	IP-66



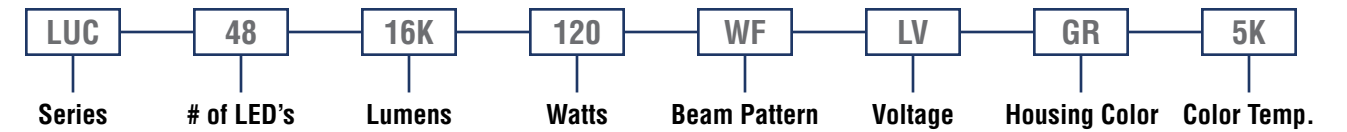
ELECTRICAL ROOM LIGHTING

Ordering Information / Photometric Report

Project Name:
Date:
Type:

ORDERING NUMBER LOGIC

Ordering Example: LUC-48-16K-120-WF-LV-GR-5K



SERIES

LUC	Lucent Engineering
-----	--------------------

Lumens

16K	16,000 Lumens
-----	---------------

Beam Pattern

WF	Wide Flood 90°
----	----------------

Housing Color

GR	Grey Housing
----	--------------

NUMBER OF LEDS

48	48 High Output LED's
----	----------------------

Watts

120	Total Fixture Watts
-----	---------------------

Voltage

LV	Low Voltage 90-277VAC
----	-----------------------

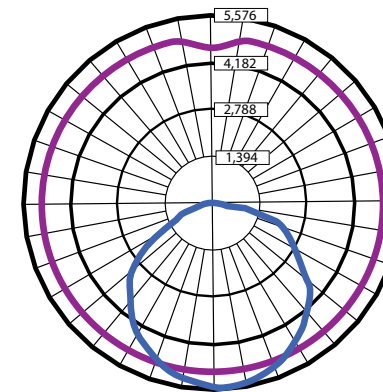
Color Temperature

5k	5,000° Kelvin
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PHOTOMETRIC DATA:

Maximum Intensity (cd)

Ultra Wide Flood 180°





ELECTRICAL ROOM LIGHTING

Product Information

Project Name:
Date:
Type:

Application

Designed to outshine and outlast the competition, the Electrical Room Lighting 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 Electrical Room Lighting fixture is the most dependable LED fixture in the workplace.

SPECIFICATIONS 2-FOOT LINEAR

Mechanical Information:

Fixture Weight:	5.53 lbs (2.5kg)
Shipping Weight:	8.13 lbs (3.7kg)
Mounting/ Entries: (See Accessories)	----

Electric Specifications:

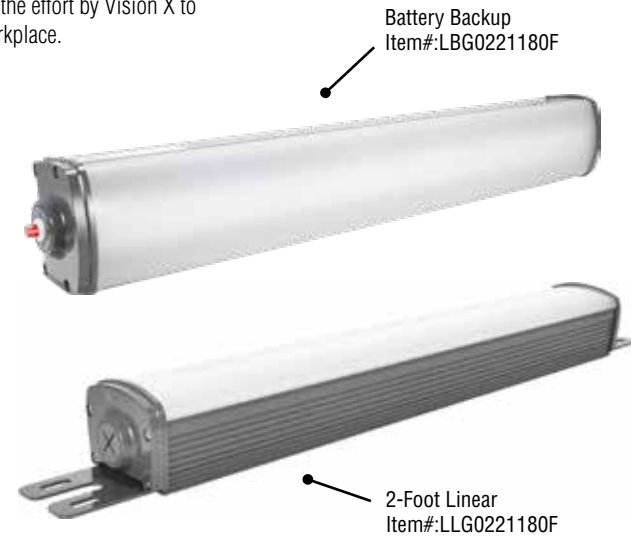
Operating Voltage:	90 - 305VAC 127 - 300VDC
Lumens:	7,000 lm
Wattage:	60W
Operating Temp:	-40°C ~ 40°C
THD:	< 20% (@load≥75% /100-277VAC)
Power Factor:	≥ 0.98/120VAC ≥ 0.96/220VAC
Short Circuit:	Constant Current Limiting, Recovers Automatically After Fault Condition is Removed
Frequency:	47-63Hz
Vibration:	8.7Grms

Construction:

Housing:	Die-Cast 6061 Aluminum
Finish:	Gloss Grey
Lens:	Polycarbonate Lens

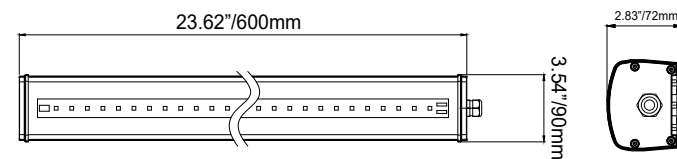
LED Light Engine / Driver

LED:	MHB-B(CREE)
Amp Draw:	0.5A @ 120VAC 0.27A @ 220VAC
Lifespan:	50,000 hr



PART #:	BEAM PATTERN / SIZE
5 LLG0221180F	180° Ultra Wide Flood / 2ft.

2D DRAWING:



RATINGS:

EMC Emission:	Compliance to EN55022, EN61000-3-2 Class A, EN61000-3-3
EMC Immunity:	Compliance to EN55024, EN61000-4-2,3,4,5,6,8,11; light industry level (surge 2KV), criteria A
Ingress Protection:	IP-66



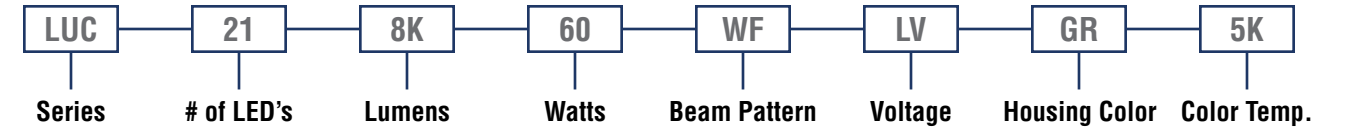
ELECTRICAL ROOM LIGHTING

Ordering Information / Photometric Report

Project Name:
Date:
Type:

ORDERING NUMBER LOGIC

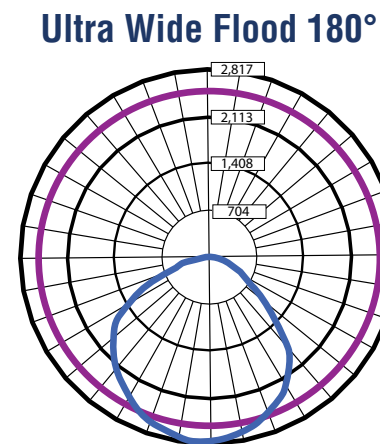
Ordering Example: LUC-21-8K-60-WF-LV-GR-5K



SERIES	Lumens	Beam Pattern	Housing Color
LUC Lucent Engineering	8K 8,000 Lumens	WF Wide Flood 90°	GR Grey Housing
NUMBER OF LEDS	Watts	Voltage	Color Temperature
21 21 High Output LED's	60 Total Fixture Watts	LV Low Voltage 90-277vAC	5k 5,000° Kelvin

PHOTOMETRIC DATA:

Maximum Intensity (cd)





ELECTRICAL ROOM LIGHTING

Product Information

Project Name:
Date:
Type:

Application

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SPECIFICATIONS 1-FOOT LINEAR

Mechanical Information:

Fixture Weight:	2.77 lbs (2.5kg)
Shipping Weight:	8.13 lbs (3.7kg)
Mounting/ Entries: (See Accessories)	----

Electric Specifications:

Operating Voltage:	90 - 305VAC 127 - 300VDC
Lumens:	4,000 lm
Wattage:	30W
Operating Temp:	-40°C ~ 40°C
THD:	< 20% (@load≥75% /100-277VAC)
Power Factor:	≥ 0.98/120VAC ≥ 0.96/220VAC
Short Circuit:	Constant Current Limiting, Recovers Automatically After Fault Condition is Removed
Frequency:	47-63Hz
Vibration:	8.7Grms

Construction:

Housing:	Die-Cast 6061 Aluminum
Finish:	Gloss Grey
Lens:	Polycarbonate Lens

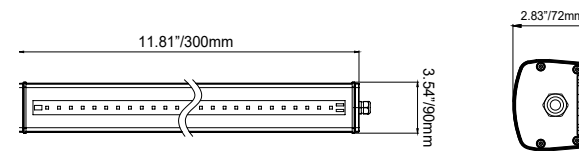
LED Light Engine / Driver

LED:	MHB-B(CREE)
Amp Draw:	0.25A @ 120VAC 0.13A @ 220VAC
Lifespan:	50,000 hr



PART #:	BEAM PATTERN / SIZE
5 LLG0212180F	180° Ultra Wide Flood / 1ft.

2D DRAWING:



RATINGS:

EMC Emission:	Compliance to EN55022, EN61000-3-2 Class A, EN61000-3-3
EMC Immunity:	Compliance to EN55024, EN61000-4-2,3,4,5,6,8,11; light industry level(surge 2KV), criteria A
Ingress Protection:	IP-66



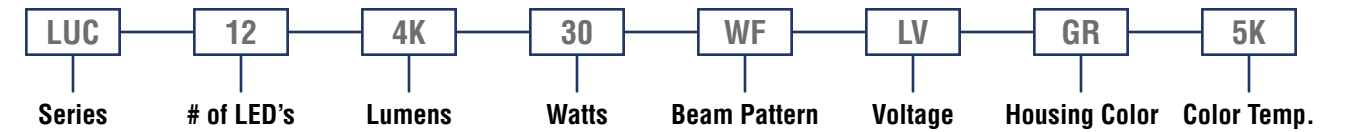
ELECTRICAL ROOM LIGHTING

Ordering Information / Photometric Report

Project Name:
Date:
Type:

ORDERING NUMBER LOGIC

Ordering Example: LUC-12-4K-30-WF-LV-GR-5K



SERIES

LUC	Lucent Engineering
-----	--------------------

NUMBER OF LEDS

12	12 High Output LED's
----	----------------------

Lumens

4K	4,000 Lumens
----	--------------

Watts

30	Total Fixture Watts
----	---------------------

Beam Pattern

WF	Wide Flood 90°
----	----------------

Voltage

LV	Low Voltage 90-277vAC
----	-----------------------

Housing Color

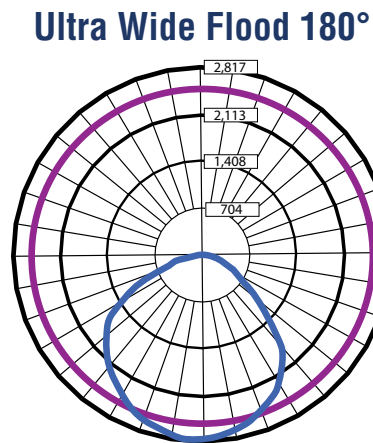
GR	Grey Housing
----	--------------

Color Temperature

5k	5,000° Kelvin
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PHOTOMETRIC DATA:

Maximum Intensity (cd)





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