

QUAKER SERIES

LED HIGH BAY LIGHT



SPECIFICATIONS &FEATURE

QuakerSeries is designed for industrial lighting, a superior high output, high efficiency LED High Bay light, featuring a unique optical design that virtually eliminates glare with minimal impact on performance. It is available in a variety of distributions for lighting DRA-120 tions such as factory, warehouses, workshops etc

CONSTRUCTION

- Light engine is thermally isolated from driver components
- UV stabilized polyester powder paint finish
- Horizontal and vertical aiming

OPTICAL / ELECTRICAL

- Four distributions to maximize performance:15°, 30°, 60°, 90°
- -40 °C ~50 °C operating temp range
- 1-10V dimming driver standard
- 100-277V operation 50/60HZ standard, 200-480V 50/60HZ optional

LIGHTNING PROTECTION

- With 20KV surge protection device option

CERTIFICATIONS/LISTINGS



UNIFIED GLARE RATING

• Glare has always been a concern with LED products and it has got increasingly more attention with higher output fixtures. The standard low glare shield block lights outside of the main beam, so from other viewing angles the fixture virtually disappears. The low glare shields were also design to have minimum impact on the total light output

up to 170lm/w



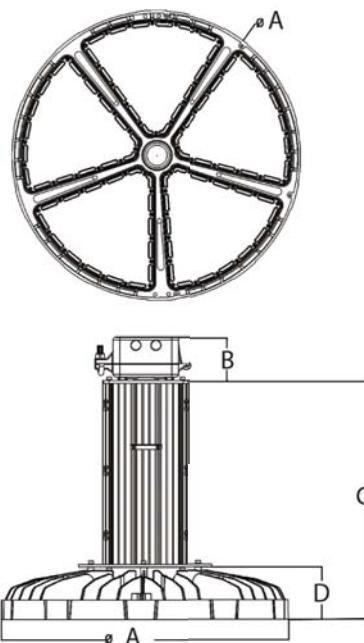
FINISH

- Rugged, weather-tight design and 3G Vibration ratings ensure durability even in harsh environments

LED

- Modular optical assemblies enable 3 unique performance packages
- 50K lumens, 300Watts
- 60K lumens, 400Watts
- 70K lumens, 460Watts
- 3000K, 4000K, 5000K, 5700K, 6500K CCT
- Minimum CRI of 70, 80 and 90 optional

Fixture Dimensions



A B C D
55.6cm/21.92" 8.3cm/3.27" 46.1cm/18.18" 10.0cm/3.96"

Dimensions of 300W, 400W, 460W, replace up to 1500W MHL

ORDERING INFORMATION

QUA	-	VOLTAGE	-	LED CHIPS	-	TYPE OF SENSOR	-	CCT&CRI	-	DISTRIBUTION	-	MOUNT	-	OPTIONS
WATTS	-	NV=100-277V	-	L5=LUMILEDS5050	-	00=Without Sensor	-	3070=3000K 70CRI	-	15D=15deg	-	YODE MOUNT	-	10KV SPD
300'	-	HV=347/480V	-	O5=OSRAM5050	-	SN=Motion sensor	-	4070=4000K 70CRI	-	30D=30deg	-		-	20KV SPD
400'	-		-		-	PH=Photocell	-	5070=5000K 70CRI	-	60D=60deg	-		-	
460'	-		-		-	DV=Dimmable	-	5770=5700K 70CRI	-	90D=90deg	-		-	
								3080=3000K 80CRI						
								4080=4000K 80CRI						
								5080=5000K 80CRI						
								5780=5700K 80CRI						

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CONSTRUCTION FEATURES OF OFH SERIES

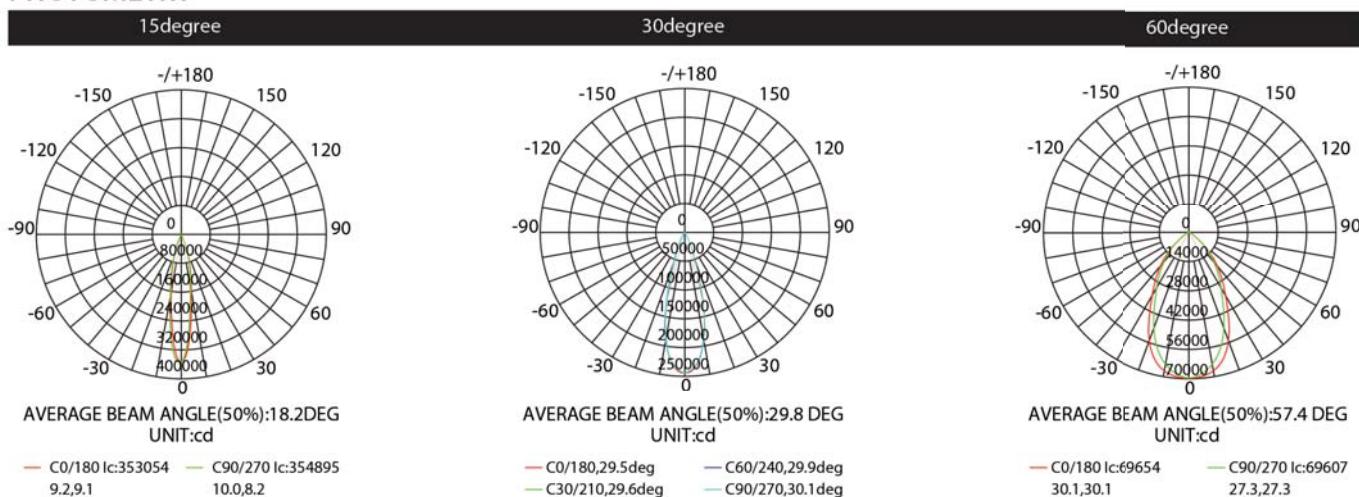
1. Driver box cover
2. Surge protection device
3. Die casting fixture body
4. Junction Box
5. Top level performance driver 1-10V dimmable
6. Optical grade polycarbonate lens multiple beam angles optional



TECHNICAL SPECIFICATIONS @5000K

MODEL	WATTS	Replace MHL	LUMEN OUTPUT / OPTICS	IP & IK	Fixture Dimension	NW	MAXIMUM CURRENT
QUA-300	300	1000W	45925lm / 15° 51536lm / 30° 50487lm / 60°	IP54&IK08	23*12*23" (58*31*58cm)	44lbs(20kgs)	3.3A
QUA-400	400	1200W	56222lm / 15° 65915lm / 30° 65032lm / 60°	IP54&IK08	23*12*23" (58*31*58cm)	44lbs(20kgs)	4.4A
QUA-460	460	1500W	61112lm / 15° 73004lm / 30° 74136lm / 60°	IP54&IK08	23*12*23" (58*31*58cm)	44lbs(20kgs)	5.1A

PHOTOMETRY



SPECIFICATIONS AND DETAILS ARE SUBJECT TO CHANGE WITHOUT NOTIFICATION, CONTACT AOK FOR UP TO DATE DETAILS.