

# Lumalex – Lightsource-R LED High-Bay w/ Uplight



## Certifications:

EMC Emission – Compliant to CISPR15 / EN55015, EN61000-3-2, and EN61000-3-3, FCC Title 47

EMC Immunity – Compliant to EN61000 – 4-2,3,4,5,6,8,11, EN61547

IP64 Intrusion Protection

IK06 Mechanical Impact Protection

cULus – pending

DLC – pending

FCC



## Specifications

### Electrical Specifications:

Model No.	AQHBHxxx40-CA (Warm White) AQHBxxx57-CA (Pure White)
Power	90W, 125W, 165W and 185W. 20W
LED Source	Luxeon
Input Voltage	100v – 277v, and 347v 47/63Hz
Working Temperature	-40C to +45C
Power Factor	> 0.90
Driver Efficiency	90%

### Photometric Specifications:

Lumen Output	> 25,600 lm Hi-Bay > 2000lm – Uplight
Lighting Effect	165W = 142lm/w
CRI	> 85 (4000K) – Hi-Bay > 70(5300K) – Uplight
CCT	4000k/5300k – Hi-bay 5000k – Uplight

### Mechanical Specifications:

Ratings	IP64
Lifespan	L70 rated for 100,000 hours @ 25C 24/7
Housing	LM6 Marine grade, powder coated 'copper free' aluminum, Custom Colours avail.
Mounting	Eye Bolt, Bracket or Pole Mount
Cabling	3m PVC
Lens	Clear Acrylic or Diffuse Acrylic – Hi-Bay Diffused Acrylic – Uplight
Fixture Dimensions	406mm dia x 199mm high, 16" dia x 5.6" high
Fixture Weight	8.1kg, 17.8lbs
Warranty	7 yr – 10 yr extended Warranty.

## Photometric Data

Colour correlated temperature: 4000K, 5300K  
Colour Rendering Index (CRI): minimum 85 (4000K), minimum 70 (5300K)  
Flux: up to 26,644 lm

## Polar Plots

