



**MULTIPLE WATTAGE,
CCT AND VOLTAGE PACKAGE
OPTIONS AVAILABLE**

**6' SUPPLY WHIP AND
6' LOW VOLTAGE WHIP**

INTERGRATED SENSOR PORT

**INCLUDED LOCKING
HOOK MOUNT**

**ADDITIONAL MOUNTING
ACCESSORIES AVAILABLE**

DLC PREMIUM LISTED

50,000 HOURS RATED LIFE

5 YEAR WARRANTY

SUGGESTED APPLICATIONS

Replacement for HID High Bay
Luminaires. High Ceiling
environments for Commercial,
Retail, Warehouses and
Manufacturing Facilities

LED ROUND HIGH BAY



ENERGY EFFICIENT , RUGGED LUMINARIES

SATCO|NUVO's Round High Bay Fixtures are an energy efficient and maintenance-free solution to traditional HID high bay lighting. Suitable for a wide variety of applications, our luminaries are available in 100W, 150W, 200W and 240W with a color temperatures in 4000K or 5000K. Constructed with a durable die-cast aluminum housing, and an IK08 impact rated polycarbonate lens, these fixtures feature 6kV surge protection, wet location rating and are 0-10V dimming capable. Built to endure the rigorous conditions found in most commercial, retail, warehouse and manufacturing environments, these luminaries are DLC Premium listed, have a 50,000 functional life and are backed by a 5 year warranty.



GENERAL SPECIFICATIONS

Power Factor, THD %: >0.9, <15%
Frequency: 50/60Hz
Dimmable: Down to 10% with 0-10V Dimmer
Surge Protection Rating: 6kV
Efficacy: Up to 145 LPW
CRI: 80
Functional Life: 50,000 Hours
Beam Angle: 90°

Location Rating: Wet
IP Rating: IP65
Emergency Backup Compatible: Yes, Accessory Sold Separately
Construction: Die Cast Aluminum with Polycarbonate Lens
Accessories Included: Locking Hanging Hook
Power Cord: 6' Whip
Warranty: 5 Years

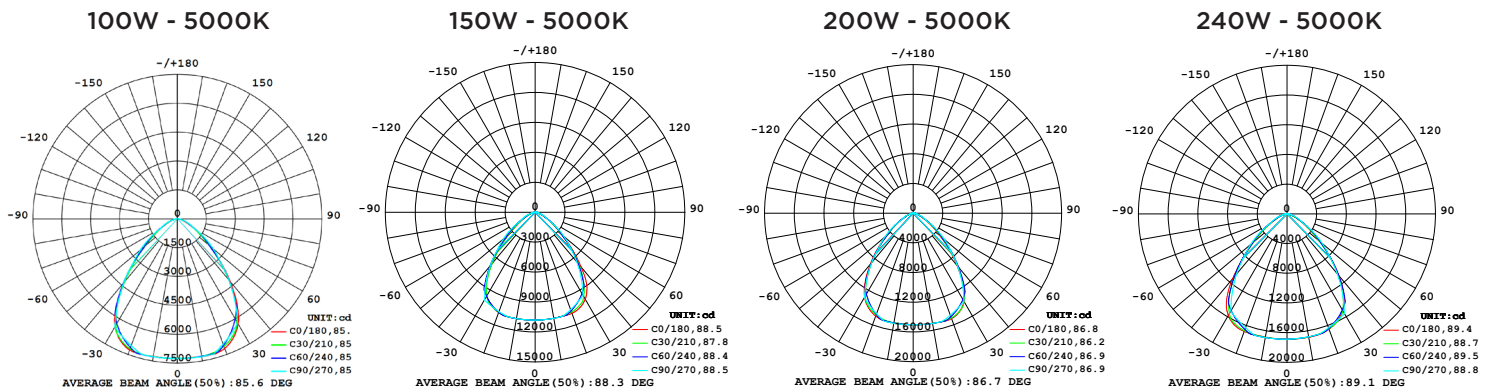


ITEM SPECIFICATIONS / ORDER INFO

Item	Watts	Replacement HID Wattage	Lumens	Input Current @120V/277V, 277V/480V	CCT	Ambient Operating Temperature	Finish/Color	UPC	DLC ID
120V-277V									
65-781R2	100W	250W	14000lm	.825A/.36A	4000K	-40°C to +50°C (-40°F to +122°F)	Black	045923648052	S-U80D4A
65-782R2	100W	250W	14400lm	.825A/.36A	5000K	-40°C to +50°C (-40°F to +122°F)	Black	045923648069	S-SKO6VH
65-783R2	150W	400W	20850lm	1.25A/.54A	4000K	-40°C to +50°C (-40°F to +122°F)	Black	045923648076	S-BXOC7F
65-784R2	150W	400W	21600lm	1.25A/.54A	5000K	-40°C to +50°C (-40°F to +122°F)	Black	045923648083	S-KPFT1H
65-785R2	200W	600W	28000lm	1.683A/.73A	4000K	-40°C to +50°C (-40°F to +122°F)	Black	045923648090	S-5KNJD6
65-786R2	200W	600W	28800lm	1.683A/.73A	5000K	-40°C to +50°C (-40°F to +122°F)	Black	045923648106	S-GCLY9Z
65-787R2	240W	700W	33360lm	1.964A/.85A	4000K	-40°C to +50°C (-40°F to +122°F)	Black	045923648113	S-LPR517
65-788R2	240W	700W	34560lm	1.964A/.85A	5000K	-40°C to +50°C (-40°F to +122°F)	Black	045923648120	S-0X2L5V
65-791R2	100W	250W	14000lm	.825A/.36A	4000K	-40°C to +50°C (-40°F to +122°F)	White	045923648212	S-P21GJZ
65-792R2	100W	250W	14400lm	.825A/.36A	5000K	-40°C to +50°C (-40°F to +122°F)	White	045923648229	S-XYGCVN
65-793R2	150W	400W	20850lm	1.25A/.54A	4000K	-40°C to +50°C (-40°F to +122°F)	White	045923648236	S-157TJG
65-794R2	150W	400W	21600lm	1.25A/.54A	5000K	-40°C to +50°C (-40°F to +122°F)	White	045923648243	S-TBN5VE
65-795R2	200W	600W	28000lm	1.683A/.73A	4000K	-40°C to +50°C (-40°F to +122°F)	White	045923648250	S-UTSIHQ
65-796R2	200W	600W	28800lm	1.683A/.73A	5000K	-40°C to +50°C (-40°F to +122°F)	White	045923648267	S-B3UXK8
65-797R2	240W	700W	33360lm	1.964A/.85A	4000K	-40°C to +50°C (-40°F to +122°F)	White	045923648274	S-VUYRG4
65-798R2	240W	700W	34560lm	1.964A/.85A	5000K	-40°C to +50°C (-40°F to +122°F)	White	045923648281	S-RZCPF8
277V-480V									
65-801R2	100W	250W	14100lm	0.361-0.208A	4000K	-40°C (-40°F) to +45C (+113F)	Black	045923648137	S-LHQ20Y
65-802R2	100W	250W	14500lm	0.361-0.208A	5000K	-40°C (-40°F) to +45C (+113F)	Black	045923648144	S-D9Z8J2
65-803R2	150W	400W	21000lm	0.542-0.313A	4000K	-40°C (-40°F) to +45C (+113F)	Black	045923648151	S-51JLFI
65-804R2	150W	400W	21750lm	0.542-0.313A	5000K	-40°C (-40°F) to +45C (+113F)	Black	045923648168	S-XEOBAC
65-805R2	200W	600W	28200lm	0.722-0.417A	4000K	-40°C (-40°F) to +45C (+113F)	Black	045923648175	S-XVEN4G
65-806R2	200W	600W	29000lm	0.722-0.417A	5000K	-40°C (-40°F) to +45C (+113F)	Black	045923648182	S-C8METS
65-807R2	240W	700W	33840lm	0.866-0.500A	4000K	-40°C (-40°F) to +45C (+113F)	Black	045923648199	S-XMQ3SW
65-808R2	240W	700W	34800lm	0.866-0.500A	5000K	-40°C (-40°F) to +45C (+113F)	Black	045923648205	S-LNAWD2

PHOTOMETRICS

Intensity Distribution Diagram in C Plans



Specifications are subject to change without prior notice. Replacement wattage shown depends on application and fixture. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Visit www.satco.com or call 1-800-437-2826 for a list of compatible dimmers.

WARNING: Some products included in this specification sheet may be subject to the warning requirements of California's Proposition 65. Please refer to your product packaging for more information.

OPTIONAL ACCESSORIES

Item	Description	UPC	Pack QTY
Sensors			
86-217	PIR Sensor, 6 Meter	045923862175	1/150
86-220	PIR Sensor, 12 Meter	045923862205	1/100
86-218	Microwave Sensor	045923666353	1/100
86-219	Programing Remote for Sensors	045923665967	1/100
EM's & Extension Whips			
65-780	30W EM Battery Backup for 100W & 150W	045923666148	1/4
65-815	40W EM Battery Backup for 200W & 240W	045923656897	1/4
65-169	5.5 Ft Low Voltage Extension Whip with IP68 Connector - Black	045923671692	1/100
65-170	5.5 Ft Low Voltage Extension Whip with IP68 Connector - White	045923671708	1/100
65-199	5.5 Ft Line Voltage Extension Whip with IP68 Connector - Black	045923651991	1/100
65-200	5.5 Ft Line Voltage Extension Whip with IP68 Connector - White	045923652004	1/100
Yoke Mounts & Pendant Adapters			
65-763	Yoke Mount - White Finish for 100W & 150W	045923666155	1/10
65-764	Yoke Mount - White Finish for 200W & 240W	045923666162	1/10
65-765	Yoke Mount - Black Finish for 100W & 150W	045923666339	1/10
65-766	Yoke Mount - Black Finish for 200W & 240W	045923666346	1/10
65-759	3/8" to 3/4" Pendant Adapter White Finish	045923666100	1/20
65-769	3/8" to 3/4" Pendant Adapter Black Finish	045923666087	1/20
Diffusers, Reflectors & Wire Guards			
65-789	PC Shade for 100W & 150W	045923666094	1/10
65-790	Bottom PC Diffuser for use with 65/789	045923666100	1/10
65-799	PC Shade for 200W & 240W	045923666094	1/40
65-800	Bottom PC Diffuser for use with 65/799	045923666469	1/40
65-778	Aluminum Reflector for 100W & 150W	045923666063	1/20
65-779	Aluminum Reflector for 200W & 240W	045923666070	1/20
65-809	Protective Wire Guard for 100W & 150W	045923666476	1/20
65-810	Protective Wire Guard for 200W & 240W	045923666131	1/20



Yoke Mount
(65-763, 65-764,
65-765 & 65-766)



Reflector
(65-778 & 65-779)



Bottom Diffuser
(65-790 & 65-800)



PIR Sensor
(86-217)



PIR Sensor
(86-220)



Microwave Sensor
(86-218)



Remote
(86-219)



EM Battery Backup
(65-780 & 65-815)



3/8" to 3/4" Pendant Adaptor
(65-769)



PC Shade
(65-789 & 65-799)



Protective Wire Guard
(65-809 & 65-810)



5.5' Line Voltage
Extension Whip
(65-199 & 65-200)



5.5' Low Voltage
Extension Whip
(65-169 & 65-170)

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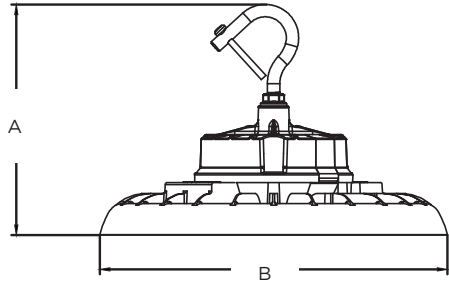
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DIMENSIONS AND SUGGESTED MOUNTING HEIGHTS (100-150W)

Item	(A) Diameter	(B) Height	Weight (Lbs)	Mounting Height
65-781R2	11.02"	8.11"	4.53	Up to 20'
65-782R2	11.02"	8.11"	4.53	Up to 20'
65-783R2	11.02"	8.11"	4.53	Up to 25'
65-784R2	11.02"	8.11"	4.53	Up to 25'
65-791R2	11.02"	8.11"	4.53	Up to 20'
65-792R2	11.02"	8.11"	4.53	Up to 20'
65-793R2	11.02"	8.11"	4.53	Up to 25'
65-794R2	11.02"	8.11"	4.53	Up to 25'

DIMENSIONS AND SUGGESTED MOUNTING HEIGHTS (200-240W)

Item	(A) Diameter	(B) Height	Weight (Lbs)	Mounting Height
65-785R2	13.39"	8.11"	6.42	Up to 30'
65-786R2	13.39"	8.11"	6.42	Up to 30'
65-787R2	13.39"	8.11"	6.42	Up to 35'
65-788R2	13.39"	8.11"	6.42	Up to 35'
65-795R2	13.39"	8.11"	6.42	Up to 30'
65-796R2	13.39"	8.11"	6.42	Up to 30'
65-797R2	13.39"	8.11"	6.42	Up to 35'
65-798R2	13.39"	8.11"	6.42	Up to 35'
65-801R2	11.02"	8.11"	6.58	Up to 20'
65-802R2	11.02"	8.11"	6.58	Up to 20'
65-803R2	11.02"	8.11"	6.58	Up to 25'
65-804R2	11.02"	8.11"	6.58	Up to 25'
65-805R2	13.39"	8.11"	10.11	Up to 30'
65-806R2	13.39"	8.11"	10.11	Up to 30'
65-807R2	13.39"	8.11"	10.11	Up to 35'
65-808R2	13.39"	8.11"	10.11	Up to 35'



100W-150W

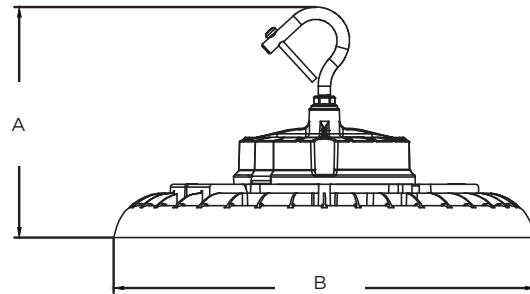
**Up to 25'
Mounting Height**

80/100/120W

250-400W
HID Replacement

14,400-21,600 Lumens

Up to 145 LPW



200W-240W

**Up to 35'
Mounting Height**

150/175/200W

600-700W
HID Replacement

28,000-34,560 Lumens

Up to 145 LPW

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