

# Goodlight™ GX1 LED High Bay

## KEY FEATURES

Replaces traditional SON & metal halide high bay fixtures

High lumen output

Anti-glare lens

3-in-1 Dimmability

Unique patented cooling core with 'phase change' technology

Replaceable driver

Optional (plug-and-play) LED chip for future-proofing

Unique 'nano-coated' reflector boosts light yield by 10%

Suitable for installation at 6m and above

## EQUIVALENT TO

# 400W

## ENERGY SAVINGS

# >70%

## LAMP EFFICACY (UP TO)

# 125<sub>Lm/W</sub>



# Goodlight™ GX1 LED High Bay



## The ultimate LED High Bay in both performance and design.

The Goodlight™ GX1 High Bay is the ultimate LED solution for traditional SON and metal halide high bay fixtures, providing optimum light output, reliability and up to 70% in energy savings. Suitable for installation at 6m and above in applications including storage, warehousing, industrial, atria and retail/sheds.

Learn more at:

<http://www.goodlight.co.uk/gx1-led-high-bay/#video>

Featuring a patented 'phase-change' liquid core, our unique cooling system tackles heat effortlessly, maintaining more lumens out of the super-bright LED chips, for longer. Our unique 'nano-coated' reflector boosts light yield by 10%.

With a replaceable driver, and optional plug-and-play LED chip, the GX1 is future-proof, giving users upgrade options at end of life.

### REPLACES

METAL HALIDE HIGH BAY  
SODIUM HIGH BAY  
T5 FLUORO HIGH BAY

### SUITABLE FOR

STORAGE & DISTRIBUTION  
ENGINEERING  
SPORTS/LEISURE  
INDUSTRIAL  
ATRIA  
RETAIL/SHEDS

### OPERATING TEMP.

-40°C > 70°C

### WHITE TEMPERATURE



### PRODUCT FEATURES



50,000  
HOURS



INSTANT  
ON



SMD LEDs



NO MERCURY  
GAS



IP65



DIMMABLE



ZERO  
MAINTENANCE



ZERO U.V.  
EMISSIONS



CERTIFIED



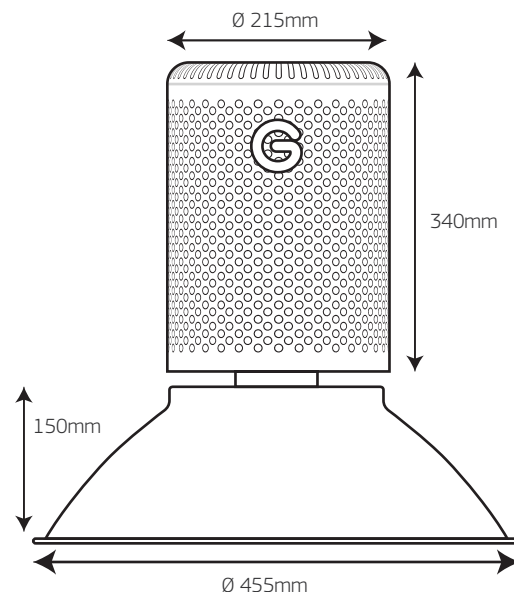
RoHS  
COMPLIANT

**5 YEAR**  
GUARANTEE

# Goodlight™ GX1 LED High Bay

## ELECTRICAL PARAMETERS

Input Voltage	100V - 220V AC
Frequency	50Hz - 60Hz
Power Factor	>0.93
Operating Temp	-40°C to 70°C
Housing	Aluminium
Beam Angle	120°
CRI (Ra)	>80Ra
IP Rating	IP65
Dimmable	3-in-1 (1-10V, PWM Signal & Resistance)
Lifespan	50,000 Hours
Lumens per Watt (up to)	125Lm/W
Finish	Matt Black or Ice White
Complies with	EN61347-1, EN61347-2-13, EN60598-1, EN55015, EN55022 (CISPR22) Class B, EN61000-3-2 Class C, EN61000-3-2, EN61547, EN55024



## TECHNICAL DETAILS

MODEL	WATTAGE	WEIGHT	PRODUCT CODE	COLOUR TEMPERATURE	LUMENS	LUMINANCE CONE	DISTRIBUTION CURVE
<div><div>GX1</div><div>LED High Bay</div><div>120W</div></div>	120W	8.1Kg	HBYGX1202	Daylight (5,500K)	15,000	<div><div>1m120°671lx</div><div>2m537lx</div><div>3m403lx</div></div>	<div><div>Unit: cd/klm</div><div>90°</div><div>60°</div><div>30°</div><div>0°</div><div>-30°</div><div>-60°</div><div>-90°</div><div>100°</div><div>200°</div><div>300°</div><div>400°</div><div>500°</div><div>600°</div><div>700°</div><div>800°</div><div>900°</div><div>1000°</div><div>1100°</div><div>1200°</div><div>1300°</div><div>1400°</div><div>1500°</div><div>1600°</div><div>1700°</div><div>1800°</div><div>1900°</div><div>2000°</div><div>2100°</div><div>2200°</div><div>2300°</div><div>2400°</div><div>2500°</div><div>2600°</div><div>2700°</div><div>2800°</div><div>2900°</div><div>3000°</div><div>3100°</div><div>3200°</div><div>3300°</div><div>3400°</div><div>3500°</div><div>3600°</div><div>3700°</div><div>3800°</div><div>3900°</div><div>4000°</div><div>4100°</div><div>4200°</div><div>4300°</div><div>4400°</div><div>4500°</div><div>4600°</div><div>4700°</div><div>4800°</div><div>4900°</div><div>5000°</div><div>5100°</div><div>5200°</div><div>5300°</div><div>5400°</div><div>5500°</div><div>5600°</div><div>5700°</div><div>5800°</div><div>5900°</div><div>6000°</div><div>6100°</div><div>6200°</div><div>6300°</div><div>6400°</div><div>6500°</div><div>6600°</div><div>6700°</div><div>6800°</div><div>6900°</div><div>7000°</div><div>7100°</div><div>7200°</div><div>7300°</div><div>7400°</div><div>7500°</div><div>7600°</div><div>7700°</div><div>7800°</div><div>7900°</div><div>8000°</div><div>8100°</div><div>8200°</div><div>8300°</div><div>8400°</div><div>8500°</div><div>8600°</div><div>8700°</div><div>8800°</div><div>8900°</div><div>9000°</div><div>9100°</div><div>9200°</div><div>9300°</div><div>9400°</div><div>9500°</div><div>9600°</div><div>9700°</div><div>9800°</div><div>9900°</div><div>10000°</div><div>10100°</div><div>10200°</div><div>10300°</div><div>10400°</div><div>10500°</div><div>10600°</div><div>10700°</div><div>10800°</div><div>10900°</div><div>11000°</div><div>11100°</div><div>11200°</div><div>11300°</div><div>11400°</div><div>11500°</div><div>11600°</div><div>11700°</div><div>11800°</div><div>11900°</div><div>12000°</div><div>12100°</div><div>12200°</div><div>12300°</div><div>12400°</div><div>12500°</div><div>12600°</div><div>12700°</div><div>12800°</div><div>12900°</div><div>13000°</div><div>13100°</div><div>13200°</div><div>13300°</div><div>13400°</div><div>13500°</div><div>13600°</div><div>13700°</div><div>13800°</div><div>13900°</div><div>14000°</div><div>14100°</div><div>14200°</div><div>14300°</div><div>14400°</div><div>14500°</div><div>14600°</div><div>14700°</div><div>14800°</div><div>14900°</div><div>15000°</div><div>15100°</div><div>15200°</div><div>15300°</div><div>15400°</div><div>15500°</div><div>15600°</div><div>15700°</div><div>15800°</div><div>15900°</div><div>16000°</div><div>16100°</div><div>16200°</div><div>16300°</div><div>16400°</div><div>16500°</div><div>16600°</div><div>16700°</div><div>16800°</div><div>16900°</div><div>17000°</div><div>17100°</div><div>17200°</div><div>17300°</div><div>17400°</div><div>17500°</div><div>17600°</div><div>17700°</div><div>17800°</div><div>17900°</div><div>18000°</div><div>18100°</div><div>18200°</div><div>18300°</div><div>18400°</div><div>18500°</div><div>18600°</div><div>18700°</div><div>18800°</div><div>18900°</div><div>19000°</div><div>19100°</div><div>19200°</div><div>19300°</div><div>19400°</div><div>19500°</div><div>19600°</div><div>19700°</div><div>19800°</div><div>19900°</div><div>20000°</div><div>20100°</div><div>20200°</div><div>20300°</div><div>20400°</div><div>20500°</div><div>20600°</div><div>20700°</div><div>20800°</div><div>20900°</div><div>21000°</div><div>21100°</div><div>21200°</div><div>21300°</div><div>21400°</div><div>21500°</div><div>21600°</div><div>21700°</div><div>21800°</div><div>21900°</div><div>22000°</div><div>22100°</div><div>22200°</div><div>22300°</div><div>22400°</div><div>22500°</div><div>22600°</div><div>22700°</div><div>22800°</div><div>22900°</div><div>23000°</div><div>23100°</div><div>23200°</div><div>23300°</div><div>23400°</div><div>23500°</div><div>23600°</div><div>23700°</div><div>23800°</div><div>23900°</div><div>24000°</div><div>24100°</div><div>24200°</div><div>24300°</div><div>24400°</div><div>24500°</div><div>24600°</div><div>24700°</div><div>24800°</div><div>24900°</div><div>25000°</div><div>25100°</div><div>25200°</div><div>25300°</div><div>25400°</div><div>25500°</div><div>25600°</div><div>25700°</div><div>25800°</div><div>25900°</div><div>26000°</div><div>26100°</div><div>26200°</div><div>26300°</div><div>26400°</div><div>26500°</div><div>26600°</div><div>26700°</div><div>26800°</div><div>26900°</div><div>27000°</div><div>27100°</div><div>27200°</div><div>27300°</div><div>27400°</div><div>27500°</div><div>27600°</div><div>27700°</div><div>27800°</div><div>27900°</div><div>28000°</div><div>28100°</div><div>28200°</div><div>28300°</div><div>28400°</div><div>28500°</div><div>28600°</div><div>28700°</div><div>28800°</div><div>28900°</div><div>29000°</div><div>29100°</div><div>29200°</div><div>29300°</div><div>29400°</di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			HBYGX1201	Natural (4,000K)	14,250		

Supplied with a standard aluminium reflector (Ø520mm).

\*Standard finish is Matt Black. For Ice White finish, please add 'WH' suffix to product code when ordering e.g. **HBYGX1202WH**

## GX1™ OPTIONAL EXTRAS

Standard 120° Beam Aluminium Reflector (Ø520mm)	RFALGX1B (Black) RFALGX1W (White)
Narrow 60° Beam Aluminium Reflector (Ø460mm)	RFLCTALN01
Standard Prismatic Reflector (Ø480mm)	RFLCTPM01