

# GigaTera<sup>®</sup>

by



LIGHTING  
TECHNOLOGY  
INTERNATIONAL

## Innovative Lighting Solutions

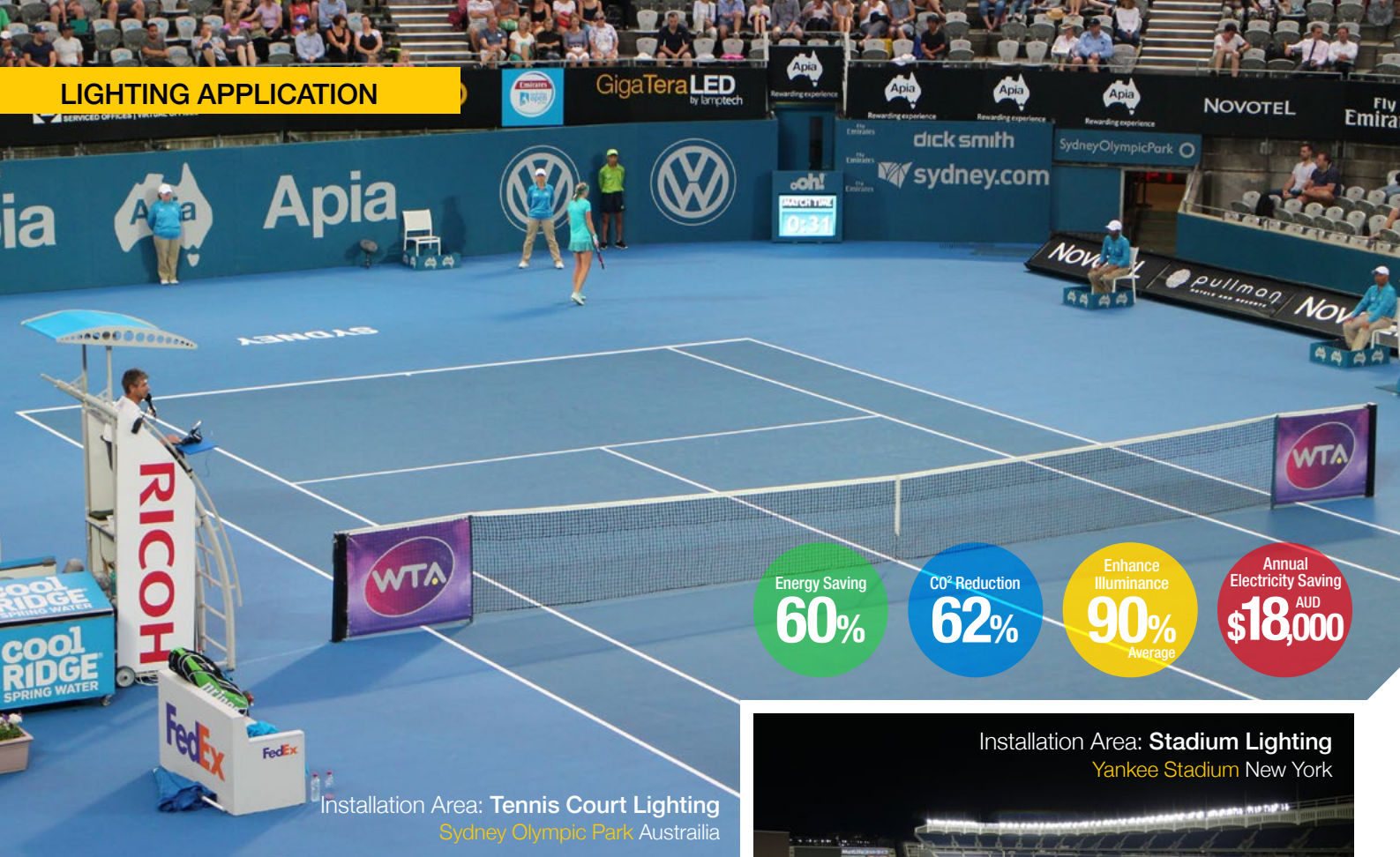




SPORTS LIGHTING

MAHA 400W  
LED Area Flood Lighting

LIGHTING APPLICATION



Energy Saving  
60%

CO<sub>2</sub> Reduction  
62%

Enhance Illuminance  
90%  
Average

Annual Electricity Saving  
AUD \$18,000

Installation Area: Tennis Court Lighting  
Sydney Olympic Park Australia

Installation Area: Stadium Lighting  
Yankee Stadium New York

Installation Area: Indoor Basketball Lighting  
Korea

Installation Area: Football Field Lighting  
Derby County Football Club England

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[ Mounting Brackets are optional ]

Applications

- Sporting Facility
- Airplane Hangar
- Airport Apron
- Parking Lot
- Harbour
- Yard

Certification

- CE
- VDE
- UL
- FCC
- DLC
- C-TICK
- PSE
- SABS
- TIS
- KC
- EE

Description

Luminous efficiency decides the value of 130m/W  
High-power LED light with middle power chip and reflector technology  
Excellent light distribution and thermal design with natural convection  
Dimming control using wireless & wired

Specifications

Model Name	MA400	
Power Consumption	400W	
Light Source	0.2W Mid Power LED Chips (Qty : 1,680 pcs)	
Correlated Color Temperature	5000K (3000K / 4000K available)	
Luminous Flux *	52,000 lm	
Luminous Efficacy *	130 lm/W	
LED Driving Current *	71.4 mA	
Color Rendering Index	80 Ra	
Light Distribution	Asymmetric Wide	
BUG Rating	B3 – U2 – G4 (Backlight – Uplight – Glare)	
LED Chip Manufacturer	SAMSUNG	
Input Voltage	100 ~ 277 Vac	100 ~ 277 Vac
Input Current	Max 5.0A (@100Vac)	Max 5.0A (@100Vac)
Power Factor	≥0.9 at Max load	
Frequency	50 / 60 Hz	
Surge Protection	Line-Line 20KV, Line-FG 20KV	
Driver Type	Constant Current (CC)	
Fixture & Driver Manufacturer	KMW INC. / Made in Korea	
Size ( L x W x H )	22.7 x 22.7 x 8.5 (inch)	577 x 577 x 215.5 (mm)
Weight (Driver included)	44.0 lb	20.0 Kg
Material	Body	Cast Aluminum
	Optic	Silver Coating Reflector
	Cover	Tempered Glass 4.0T (Clear)
Finish	Powder Coating	
IP Rating	IK Rating	IP66 IK08
Mounting Option		
Swivel Bracket / Pole Mount		
Operating Temperature	-22°F ~ 127°F	-30°C ~ 53°C
Life Time	50,000 Hours (@77°F / 25°C)	
Warranty	5 Years (12 hours usage per day)	

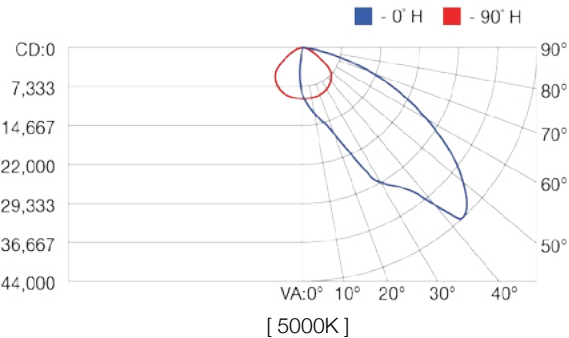
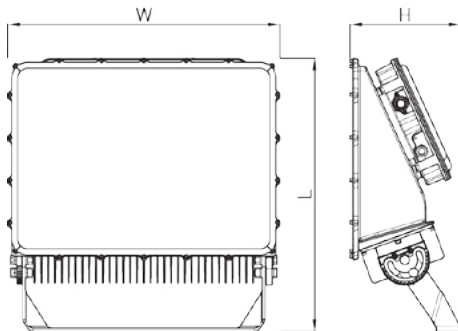
Option

Control System	Wireless (ZigBee)
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\*Tolerance : ± 5%

Photometry

See photometric .ies files for details.





WAPA 100W

LED Area Flood Lighting



Applications

- Parking lot
- Wall Pack
- Roadway
- Billboard

Certification

- CE
- VDE
- UL
- FCC
- DLC
- PSE
- TIS
- KC

Description

Easy Replace & Install  
High Luminous Efficacy 125 lm/W  
Wireless Lighting Control

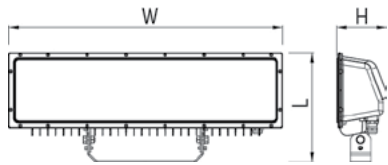
Specifications

Model Name		WP100	
Power Consumption		100W	
Light Source		0.2W Mid Power LED Chips (Qty : 384 pcs)	
Correlated Color Temperature		5000K (3500K / 4000K / 6500K available)	
Luminous Flux *		12,500 lm	
Luminous Efficacy *		125 lm/W	
LED Driving Current *		83.3 mA	
Color Rendering Index		80 Ra	
Light Distribution		Asymmetric Wide	
BUG Rating		B1 – U1 – G2 (Backlight – Uplight – Glare)	
LED Chip Manufacturer		SAMSUNG	
Input Voltage		100 ~ 277 Vac	
Input Current		Max 1.25A (@100Vac)	
Power Factor		≥0.9 at Max load	
Frequency		50 / 60 Hz	
Driver Type		Constant Current (CC)	
Fixture & Driver Manufacturer		KMW INC. / Made in Korea	
Size ( W x L x H )		21.8 x 10.3 x 4.0 (inch)	552 x 261 x 101 (mm)
Weight (Driver included)		9.3 lb	4.2 Kg
Material	Body	Cast Aluminum	
	Optic	Silver Coating Reflector	
	Cover	Tempered Glass 3.2T (Clear)	
Finish		Powder Coating	
IP Rating	IK Rating	IP66	IK07
Mounting Option		Wall Mount, Mount Bracket, Pole Mount	
Operating Temperature		-22°F ~ 140°F	-30°C ~ 60°C
Life Time		50,000 Hours (@77°F / 25°C)	
Warranty		5 Years (12 hours usage per day)	
Option			
Control System		Wireless (ZigBee) / Sensor (Daylight)	
Surge Protection		Line-Line 20KV, Line-FG 20KV	

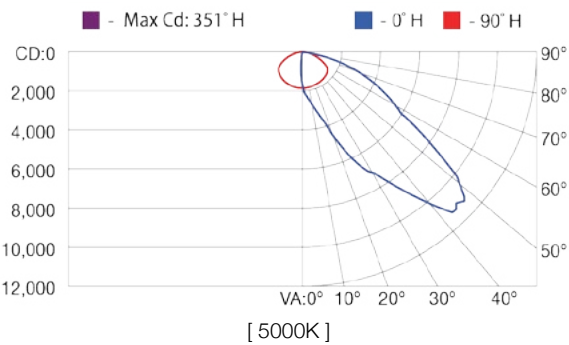
\*Tolerance : ± 5%

Photometry

See photometric .ies files for details.



Mount Bracket Type



SPES 2

IT Converged Lighting



Applications

- Potential Crime Zones
- Industrial Facilities
- Shopping Malls
- School Zones
- Parking Lots
- Driveways
- Walkways
- Hospitals
- Culturals

Certification

- UL
- FCC
- ICT
- RCM
- KC

Description

Real-Time Video Surveillance Over Smart Devices  
IP Camera (2 Mega Pixel)  
LED Lighting (95 lm/W)  
Cost & Energy Saving Through Wireless Network

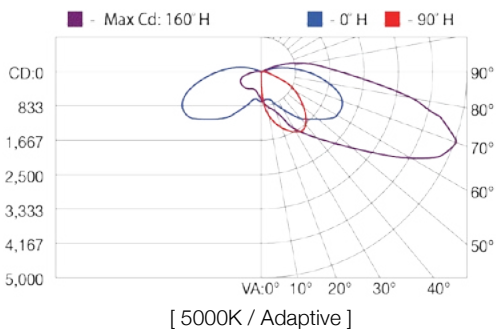
Specifications

Model Name		SPES2-080-E	
Power Consumption		100 W (LED : 80 W, AP/CAM : 20 W)	
Light Source		0.2W Mid Power LED Chips	
Correlated Color Temperature		5000K	
Luminous Flux *		7,600 lm	
Luminous Efficacy *		95 lm/W	
LED Driving Current *		83.3 mA	
Color Rendering Index		80 Ra	
Light Distribution		Adaptive	
LED Chip Manufacturer		SAMSUNG	
Input Voltage		100 ~ 240 Vac	100 ~ 277 Vac
Input Current		LED - Max. 1.25A (@100Vac) AP/CAM – Max. 0.43A (@115Vac Typical Load)	
Power Factor		≥0.9 at Max load	
Frequency		50 / 60 Hz	
Surge Protection		Line-Line 2kV, Line-FG 4kV	
Driver Type		Constant Current (CC)	
Fixture & Driver Manufacturer		KMW INC. / Made in Korea	
Size ( L x W x H )		26.6 x 15.9 x 8.4 (inch)	674.5 x 403.5 x 212.5 (mm)
Weight (Driver Included)		29.0 lb	13.0 kg
Material	Body	Cast Aluminum	
	Optic	Silver Coating Reflector	
	Cover	Tempered Glass 3.2T (Clear)	
Finish		Powder Coating	
IP Rating		IP65	
Mounting Option		Horizontal Tenon Mount	
Mount Hole		Ø2.4 in Pipe Applied	Ø60.5 mm Pipe Applied
Operating Temperature		-22°F ~ 140°F	-30°C ~ 60°C
Life Time		50,000 Hours (@77°F / 25°C)	
Control System		Sensor (Motion / daylight)	

\*Tolerance : ± 5%

Photometry

This distribution images is produced by a specific project only.



SPES 70W  
IT Converged Lighting



Applications

- Major Crime Areas
- Industrial Facilities
- Shopping Malls
- School Zones
- Parking Lots
- Driveways
- Walkways
- Hospitals
- Culturals

Certification

- CE
- UL
- FCC
- PSE
- TELEC
- ITC
- TIS
- KC

Description

Wireless Video Data Transmission  
Real Time Video Surveillance Over Smart Devices  
IP Camera (2 Mega Pixel)  
Cost & Energy Saving Through Wireless Network

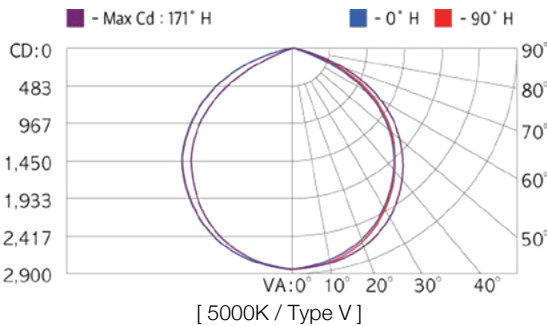
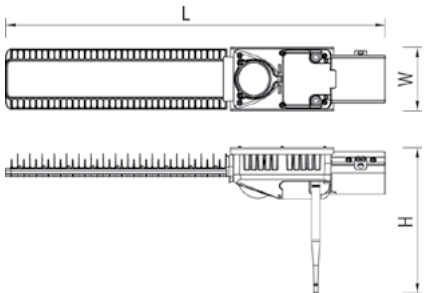
Specifications

Model Name		SPES70W
Power Consumption		80W (LED : 70W, AP/CAM : 10W)
Light Source		0.2W Mid Power LED Chips
Correlated Color Temperature		5000K
Luminous Flux *		7,000 lm
Luminous Efficacy *		100 lm/W
LED Driving Current *		59.6 mA
Color Rendering Index		80 Ra
Light Distribution		Type V
LED Chip Manufacturer		LG
Input Voltage		100 ~ 240 Vac100 ~ 277 Vac
Input Current		Max 1.3A (@90Vac)Max 1.3A (@90Vac)
Power Factor		≥0.9 at Max load
Frequency		50 / 60 Hz
Surge Protection		Line-Line 20KV, Line-FG 20KV
Driver Type		Constant Current (CC)
Fixture & Driver Manufacturer		KMW INC. / Made in Korea
Size ( L x W x H )		24.6 x 4.1 x 3.4 (inch)627 x 105 x 86 (mm)
Weight (Power Box Excluded)		5.5 lb2.5 kg
Material	Body	Cast Aluminum
	Cover	Poly Carbonate (Clear)
Finish		Powder Coating
IP Rating		IP66
Mounting Option		Horizontal Tenon Mount
Mount Hole		Ø2.4 in Pipe AppliedØ60.5 mm Pipe Applied
Operating Temperature		-22°F ~ 140°F-30°C ~ 60°C
Life Time		50,000 Hours (@77°F / 25°C)

\*Tolerance : ± 5%

Photometry

See photometric .ies files for details.



SUFA-X 800W  
LED Sports Flood Lighting



Applications

- Sporting Facility
- Airport
- Port

Description

Slimmed-down and amazing cooling structure  
Stable cooling structure that points the heat release  
Comes in diverse angles of 15, 20, 30 and 45 degrees  
Linkage with wired, wireless control systems

Specifications

Model Name		SFX800
Power Consumption		800W
Light Source		High Power LED Chips
Correlated Color Temperature		5000K (3000K / 4000K / 5700K available)
Luminous Flux *		84,000 lm88,000 lm
Luminous Efficacy *		105 lm/W110 lm/W
LED Driving Current		818 mA818 mA
Color Rendering Index		80 Ra70 Ra
Light Distribution		15°, 20°, 30°, 40°
LED Chip Manufacturer		CREE
Input Voltage		200 ~ 277 Vac347 ~ 480 Vac
Input Current		Max 5.0A (@200Vac)Max 3.2A (@330Vac)
Power Factor		≥0.9 at Max load
Frequency		50 / 60 Hz
Surge Protection		Line-Line 20KV, Line-FG 20KV
Driver Type		Constant Current (CC)
Fixture & Driver Manufacturer		KMW INC. / Made in Korea
Size ( W x L x H )		12.7 x 24.9 x 16.8 (inch)323 x 632 x 426 (mm)
Weight (Driver included)		70.6 lb32.0 Kg
Material	Body	Cast Aluminum
	Optic	Silver Coating Reflector
	Cover	Tempered Glass 3.2T (Clear)
Finish		Powder Coating
IP Rating		IP66
Mounting Option		Swivel Bracket
Operating Temperature		-22°F ~ 131°F-30°C ~ 55°C
Life Time		50,000 Hours (@77°F / 25°C)
Warranty		5 Years (12 hours usage per day)

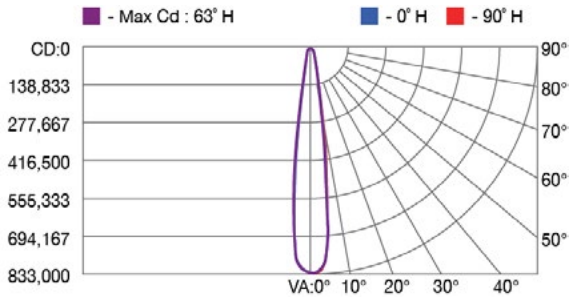
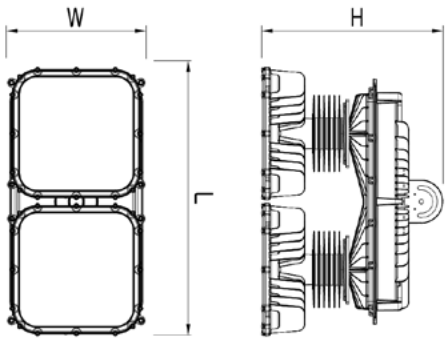
Option

Control System	Wireless (ZigBee) / Wired (RS-485)
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\*Tolerance : ± 5%

Photometry

See photometric .ies files for details.



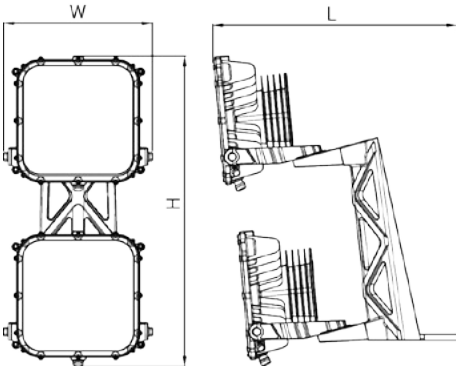
# SUFA-A 1.2kW

LED Sports Flood Lighting



Applications  
Sport Stadiums  
Indoor Venues  
Ports

Certification  
UL



## Description

Tilttable and rotatable for easy aiming  
Stable cooling structure that points the heat release  
Boosted installation efficiency thanks to the slimmed-down product  
Linkage with wired, wireless control systems

## Specifications

Model Name		SFA1K2
Power Consumption		1200W
Light Source		High Power LED Chips
Correlated Color Temperature		5000K (3000K / 4000K / 5700K available)
Luminous Flux *	126,000 lm	132,000 lm
Luminous Efficacy *	105 lm/W	110 lm/W
LED Driving Current	-	-
Color Rendering Index	80 Ra	70 Ra
Light Distribution	15° / 20° / 30° / 45°	
LED Chip Manufacturer		CREE
Input Voltage		200 ~ 277 Vac
Input Current		Max. 7.0A (@200 Vac)
Power Factor		≥0.9 at Max load
Frequency		50 / 60 Hz
Surge Protection		Line-Line 20kV, Line-FG 20kV
Driver Type		-
Fixture Manufacturer		KMW INC. / Made in Korea
Size ( W x L x H )		14.3 x 29.8 x 23.5 (inch)    363 x 757 x 595.5 (mm)
Weight (Driver excluded)		39.7 lb    18.0 kg
Material	Body	Cast Aluminum
	Optic	Silver Coating Reflector
	Cover	Tempered Glass 3.2T (Clear)
Finish		Powder Coating
IP Rating		IP66
Mounting Option		Wall Mount
Operating Temperature		-22°F ~ 131°F    -30°C ~ 55°C
Life Time		50,000 Hours (@77°F / 25°C)
Warranty		5 Years (12 hours usage per day)

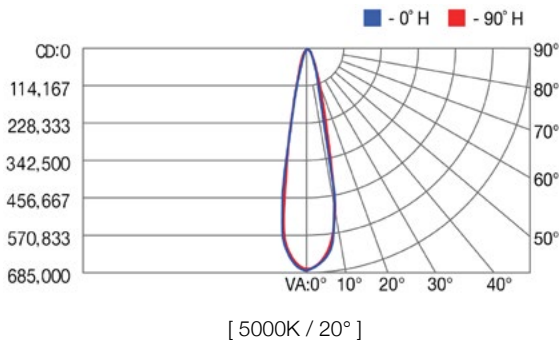
## Option

Control System	Wireless (ZigBee) / Wired (RS-485)
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\*Tolerance : ± 5%

## Photometry

See photometric .ies files for details.



# LUNA 160W

LED High Bay Lighting

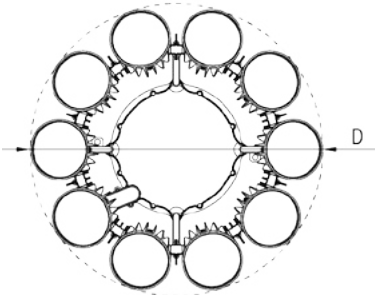
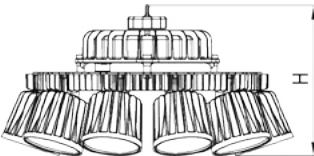


## Applications

High Bay Store  
Exhibition  
Factory  
Airport  
Gym

## Certification

CB  
KC  
VDE  
UL  
FCC  
DLC  
PSE



## Description

Applied Narrow Multi Beam Forming Technology, Maximizing the Saving on Energy.  
Minimized Glare.  
Excellent Cooling Structure.

## Specifications

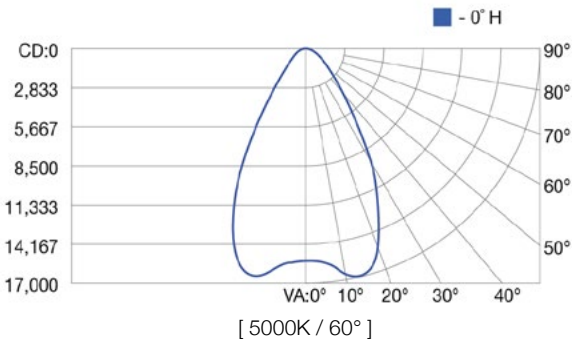
Model Name		LN160
Power Consumption		160W
Light Source		0.2W Mid Power LED Chips
Correlated Color Temperature		5000K (3000K / 4000K / 6500K available)
Luminous Flux		Min. 15,360 lm
Luminous Efficacy		Min. 96 lm/W
LED Driving Current		53.3 mA
Color Rendering Index		80 Ra
Light Distribution		60° (Symmetric)
LED Chip Manufacturer		SAMSUNG
Input Voltage	100 ~ 240 Vac	100 ~ 277 Vac
Input Current	Max. 1.336A (@120Vac)	Max 0.593A (@277Vac)
Power Factor		≥0.9 at Max load
Frequency		50 / 60 Hz
Surge Protection		Line-Line 2KV, Line-FG 4KV
Driver Type		Constant Current (CC)
Fixture & Driver Manufacturer		KMW INC. / Made in Korea
Size ( D x H )		Ø20.9 x 10.9 (inch)    Ø530.8 x 276.3 (mm)
Weight (Driver included)		23.1 lb    10.5 Kg
Material	Body	Cast Aluminum
	Optic	Silver Coating Reflector
	Cover	Tempered Glass 3.0T (Clear)
Finish		Powder Coating
IP Rating		IP65
Mounting Option		Ceiling Bracket (Pipe & Chain)
Operating Temperature		-22°F ~ 140°F    -30°C ~ 60°C
Life Time		50,000 Hours (@77°F / 25°C)
Warranty		5 Years (12 hours usage per day)

## Option

Control System	Wired (1-10V)
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## Photometry

See photometric .ies files for details.





SEGA 160W

LED High Bay Lighting



Applications

- Factories
- Warehouses
- Superstores
- Sports Arenas
- Airports
- Gyms

Certification

- CE
- UL
- FCC
- DLC
- PSE
- CCC
- TIS
- KC
- EE

Description

Unrivaled Efficacy 130 lm/W  
Long life cycle with vertical thermal fin structure  
Wired / Wireless Lighting Control

Specifications

Model Name		SE160
Power Consumption		160W
Light Source		0.2W Mid Power LED Chips
Correlated Color Temperature		5000K (3000K / 4000K / 5700K / 6500K available)
Luminous Flux *		20,800 lm
Luminous Efficacy *		130 lm/W
LED Driving Current *		76.2 mA
Color Rendering Index		80 Ra
Light Distribution		90° / 130°
LED Chip Manufacturer		SAMSUNG
Input Voltage	100 ~ 277 Vac	347 ~ 480 Vac
	Input Current	Max 2.0A (@100Vac)    Max 0.65A (@347Vac)
Power Factor		≥0.9 at Max load
Frequency		50 / 60 Hz
Surge Protection		Line-Line 2KV, Line-FG 4KV
Driver Type		Constant Current (CC)
Fixture & Driver Manufacturer		KMW INC. / Made in Korea
Size ( D x H )		Ø16.5 x 7.1 (inch)    Ø420 x 180 (mm)
Weight (Driver included)		13.2 lb    6.0 kg
Material	Body	Cast Aluminum
	Optic	Silver Coating Reflector
	Cover	Polycarbonate / Tempered Glass 3.2T (Clear / Frosted)
Finish		Powder Coating
IP Rating		IP65
Mounting Option		Ceiling Bracket (Chain / Pipe)
Operating Temperature		-22°F ~ 140°F    -30°C ~ 60°C
Life Time		50,000 Hours (@77°F / 25°C)
Warranty		5 Years (12 hours usage per day)

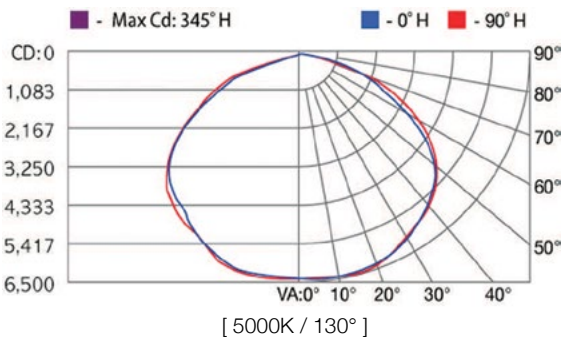
Option

Control System	Wireless (ZigBee) / Wired (1-10V) / Sensor (Daylight)
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\*Tolerance : ± 5%

Photometry

See photometric .ies files for details.



SETA 100W

LED Roadway Lighting



Applications

- Industry complex
- Business park
- Local way
- Alley-way

Certification

- CE
- UL
- FCC
- PSE
- KC
- SABS
- TIS

Description

Unrivaled Efficacy 125 lm/W  
Nano-Silver Reflector with 97% Reflection Ratio  
Wireless Lighting Control / Built-in 20KV Surge Protection Device

Specifications

Model Name		SET100
Power Consumption		100W
Light source		0.2W Mid Power LED Chips (Qty : 384 pcs)
Correlated Color Temperature		5000K (3000K / 4000K / 5700K available)
Luminous Flux *		12,500 lm
Luminous Efficacy *		125 lm/W
LED Driving Current *		83.3 mA
Color Rendering Index		80 Ra
Light Distribution		Type II-S
BUG Rating		B3 – U1 – G3 (Backlight – Uplight – Glare)
LED Chip Manufacturer		SAMSUNG
Input Voltage		100 ~ 277 Vac
Input Current		Max 1.25A (@100Vac)
Power Factor		≥0.9 at Max load
Frequency		50 / 60 Hz
Surge Protection		Line-Line 20kV, Line-FG 20kV
Driver Type		Constant Current (CC)
Fixture & Driver Manufacturer		KMW INC. / Made in Korea
Size ( L x W x H )		15.7 x 16.3 x 6.2 (inch)    398 x 415 x 157 (mm)
Weight (Driver included)		9.9 lb    4.5 Kg
Material	Body	Cast Aluminum
	Optic	Silver Coating Reflector
	Cover	Tempered Glass 4.0T (Clear)
Finish		Powder Coating
IP Rating	IK Rating	IP66    IK08
Mounting Option		Horizontal Tenon Mount
Mount Hole		Ø2.38 inch Pipe Applied    Ø60.5mm Pipe Applied
Operating Temperature		-22°F ~ 140°F    -30°C ~ 60°C
Life Time		50,000 Hours (@77°F / 25°C)
Warranty		5 Years (12 hours usage per day)

Option

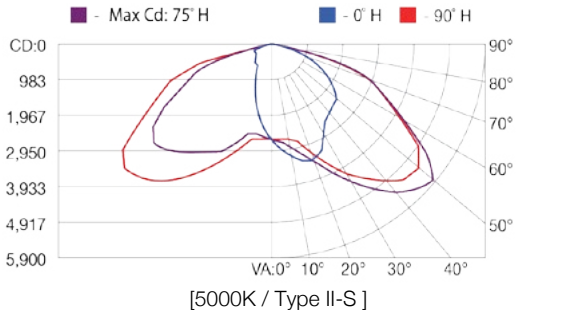
Control System	Wireless (ZigBee) / Sensor (Daylight)
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Junction Box	Horizontal Tenon Mount
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\*Tolerance : ± 5%

Photometry

See photometric .ies files for details.





IBL 400  
LED Bay Lighting



Applications

- Factories
- Warehouses
- Superstores
- Sports Arenas
- Airports
- Gyms

Certification

- UL / FCC / DLC
- CE / ENEC
- KC
- CCC
- TIS

Description

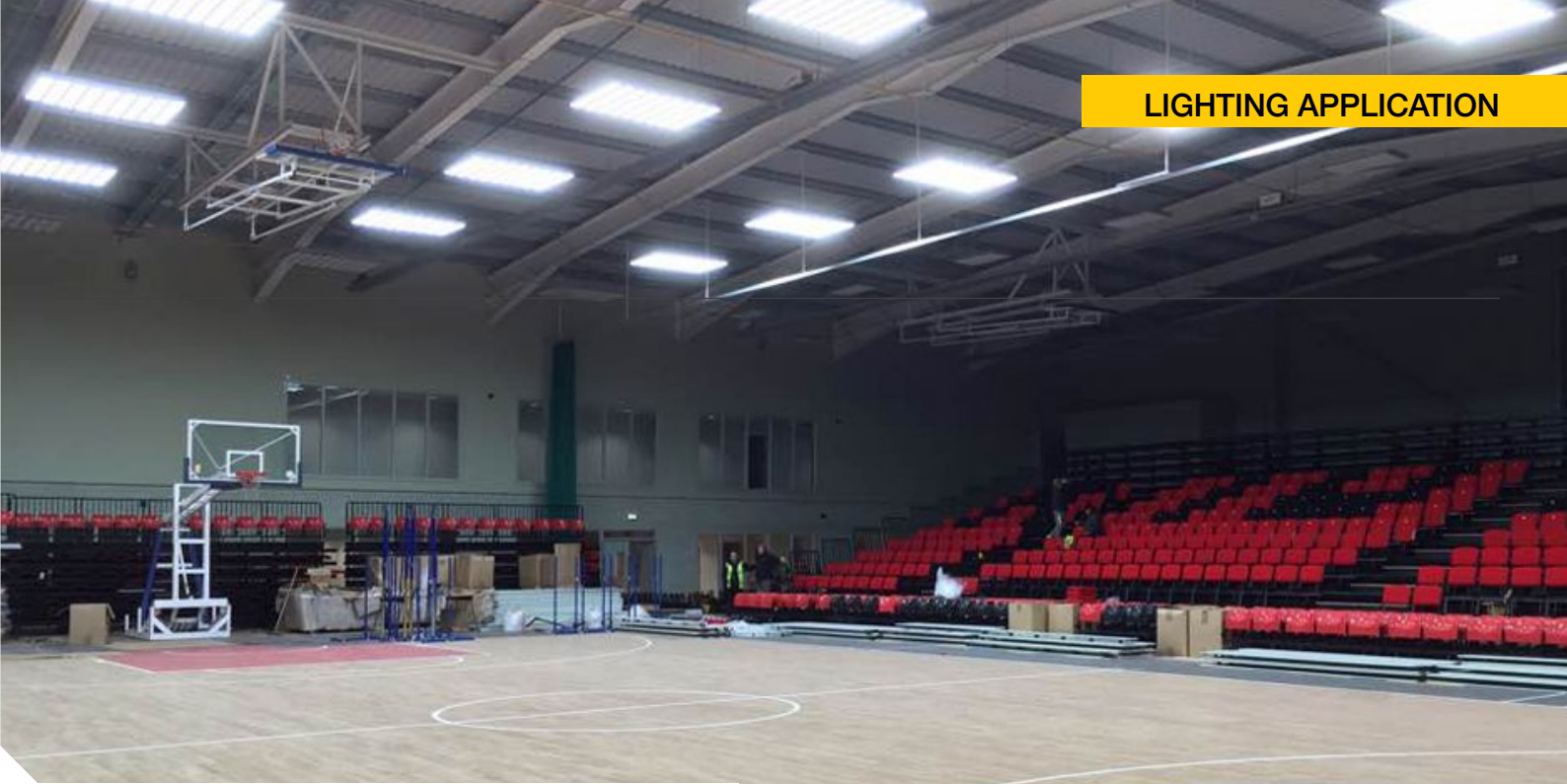
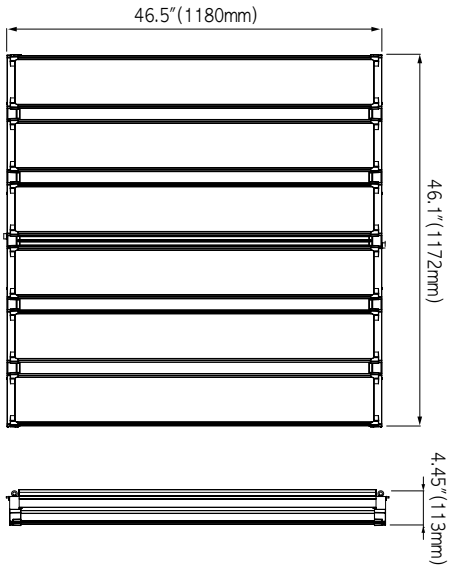
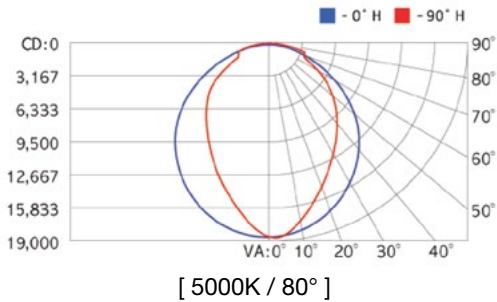
Glare-free and highly efficient light  
Excellent uniformity and beam angle of 80° and 130°  
Easy replacement and installation  
Generally rich illumination in a space

Specifications

Model Name		Model Name	
Power Consumption		400W	
Color Temperature		5000K (3000K, 4000K, 5700K available)	
Luminous Flux *		42,000 lm	
Luminous Efficacy *		105 lm/W	
Color Rendering Index		80 Ra	
LED Driving Current		74.1 mA	
Light Distribution		80° / 130°	
Color Rendering Index		80 Ra	
Color Rendering Index		80 Ra	
LED Chip Manufacturer		SAMSUNG	
Input Voltage		100 ~ 277 Vac / 347 ~ 480 Vac	
Input Current		Max. 4.8A(@100Vac)	
		Max. 1.5A(@347Vac)	
Power Factor		≥0.9 at Max load	
Frequency		50 / 60 Hz	
Surge Protection		Line – Line 2kV , Line – FG 4kV	
Driver Type		Constant Current (CC)	
Fixture Manufacturer		KMW INC. / Made in Korea	
Size (L x W x H)		46.5 x 46.1 x 4.5"	1,180x1,172x113mm
Weight		36.6 lb	16.6 kg
Material	Body	Cast Aluminum	
	Optic	White Reflector	
	Cover	Polycarbonate (Clear)	
Finish		Anodized	
IP Rating		IP20	
Operating Temperature		14°F ~ 122°F / -10°C ~ 50°C	
Warranty		10 Years (12 hours usage per day)	
Option			
Control		Wireless(ZigBee) / Wired(1-10V) / Sensor (Occupancy, Daylight)	
Mounting		Wire Pendant	

\* Tolerance : ± 5%

Photometry



Installation Area: Football Field Lighting  
Derby County Football Club England



Installation Area: Sports Arena Lighting  
UK

Installation Area: Football Practice Field Lighting  
Netherlands



Installation Area: Indoor Basketball Lighting  
Korea



Installation Area: Landscape Lighting  
BGM Stadium Germany







### We have developed a vertically integrated system from R&D to mass production

GigaTera® is the smart LED lighting brand managed and distributed in Australia by LTI Pty Ltd

GigaTera® has an integrated general research centre, LED research centre, RF & Microwave TEST Lab, large test chamber, die cast plant (aluminium & magnesium), processing, plating, ceramic development and fabrication, SMD, and automated filter control robots.

GigaTera® has a production capacity of over 500,000 ft² plus R&D facilities in Korea, USA, Japan and China. We produce the highest quality LED luminaires with integrated control options through cutting edge design and manufacturing processes using innovative technology.

#### HIGH QUALITY

##### Incomparable Lighting Quality:

- Minimised illumination loss with targeted light beams to reduce glare and eliminate light pollution
- Outstanding uniformity to enable clear recognition and safe working conditions
- Natural illumination colours (3000K, 4000K, 5000K, 6500K) to enhance comfort

#### FLEXIBLE

##### Future Oriented Design & Flexibility:

- Easy replacement of individual LED modules, components and drivers
- Directional control of individual LED modules (ASL)
- Our product line and control system is adaptable to various environments and workspaces, factories and industrial complexes

#### HIGH EFFICIENCY

##### Excellent Efficiency and Energy Conservation:

- 130 lumens per watt of LED efficiency
- 60% minimum energy reduction compared to legacy light sources
- Additional savings achieved with dimming and control systems

#### IT CONVERGED TECHNOLOGY

##### Global Leader in Radio Communications:

- We are constantly developing new ways of converging IT with LED including WiFi and open source communication protocols
- Developed specialised efficiency control and maintenance solutions for industrial, commercial and sports LED lighting

#### SMART CONTROL SYSTEM

##### GESS™ (GigaTera Ecology Service System):

- We provide support for multiple control methods and standard protocols
- Individual, Group and Integrated Controls are all supported
- GESS maximises energy conservation and minimises emissions

#### RETURN ON INVESTMENT

##### ROI and Guaranteed Total Cost of Ownership (TCO) Saving:

- Fastest payback of any competitor compared with GESS
- GESS utilises existing infrastructure and works within it
- Future proof investment for lighting information control systems



##### Innovative Heat Sink Structures to Stabilise Long Life Cycles:

- Distributed structural design for optimum cooling with natural convection
- LED Module and Converter / Driver independently heat controlled
- Modules placed vertically to minimise heat generation



##### Narrow Multi-Beam Forming Technology:

- Multi beam technology designed for optimum uniformity
- Life cycle enhanced by the distributed LED luminaire design
- Increased safety due to superior heat dissipation



##### AAL: 3-D Module Control Technology (Adaptive Area Lighting)

- Light beams targeted for individual intensity patterns
- Variable module control to direct light (up/down/left/right)
- Maximised efficiency utilising range control



##### LED DRIVER: Self-Developed Power Converter Optimised for GigaTera® LED Luminaires:

- LED Drivers regulate the life cycle and stability of LED systems
- Strict pre-shipment tests for extreme temperature operation



##### REFLECTOR SYSTEMS: Zero Loss Optic Technology by GigaTera®:

- No spill light with highly regulated control of light beams using Silver Nano Reflectors
- Wide spacing to replicate existing HPS or Metal Halide luminaires
- Multiple symmetric and asymmetric distribution patterns for various pole heights

#### Core Technology of GigaTera®

GigaTera® manufacture a wide range of self developed technology to provide highly reliable and beautifully designed LED luminaire systems. In the Australian environment GigaTera is the best partner you can have to achieve your smart lighting goals in the commercial, industrial, sports or landscape lighting sector.



Remote Control Systems for Complete Facilities Management

Support provided for multiple control components

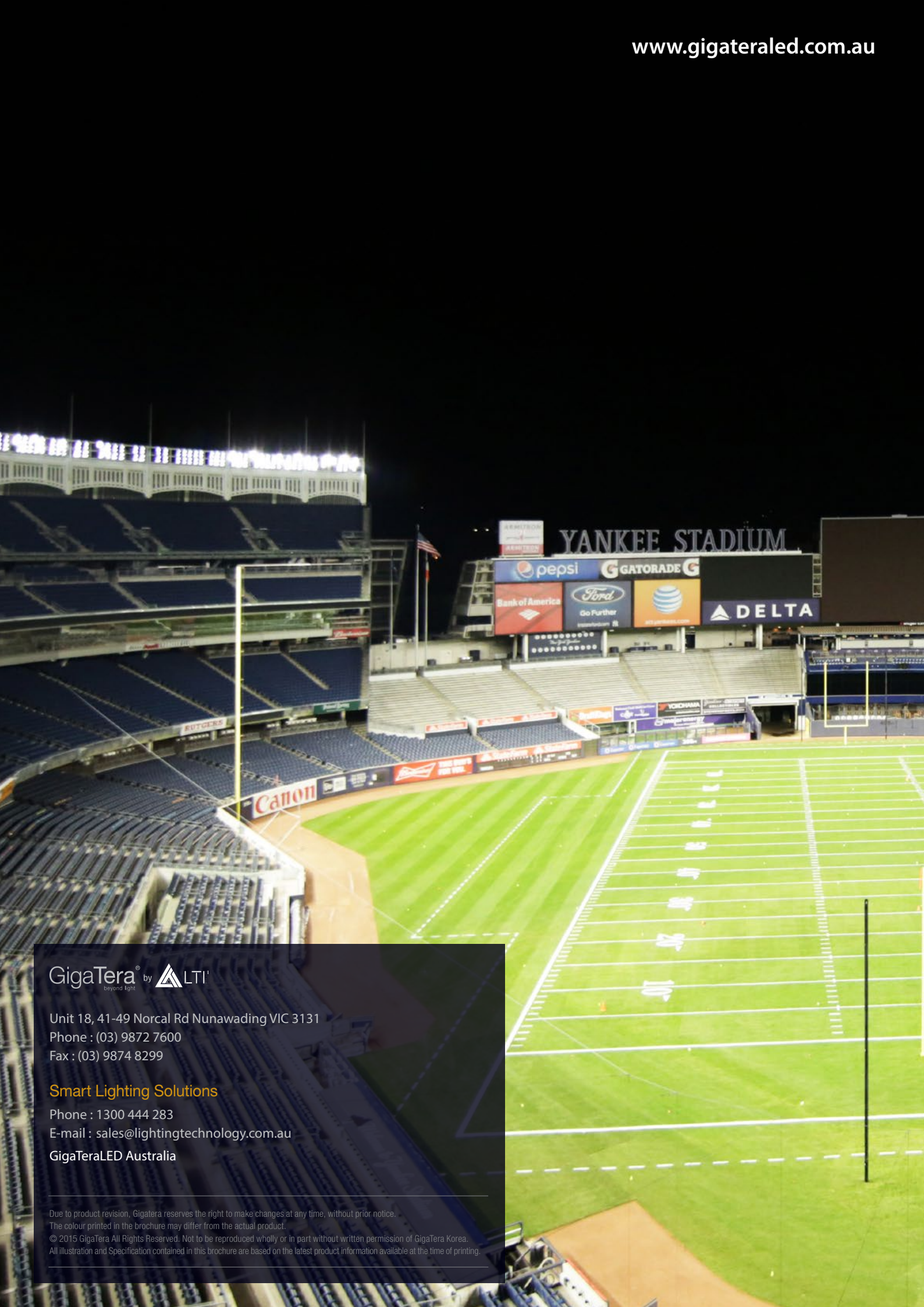
Integrate with Standard Lighting Control Protocols

Individual luminaires to Integrated Groups

Highly Reliable System and Components

Energy and Maintenance Cost Savings





GigaTera<sup>®</sup> by LTI<sup>®</sup>  
beyond light

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GigaTeraLED Australia

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