

# Domia



# Domia

## DETAILS

The Domia offers smooth curves and a timeless shape blends easily into any environment. With a flat lens design, the DOMIA family enhances any project while offering high performance and Dark-Sky compatibility.



CY55P1A

EPA: 1.86 FT<sup>2</sup>  
Weight: 62 lbs - 28 kg

### CONSTRUCTION

- Sturdy aluminum casting housing available with or without integrated driver compartment
- Certified IP67 optical system
- Silicone gaskets and stainless steel hardware
- Mounts onto Ø2" I.D. pendant tenon or onto side-mount 2 3/8" Ø O.D. tenon with optional self-leveling (ADV)

### FINISH

- Super durable extremely resistant exterior polyester powder coating meets AAMA 2604 requirements (5 years South Florida exposure)
- Available in 10 standard colors / textured (TX) or smooth (SM) finish
- Optional RAL colors are also available
- For added protection a Marine Grade (MG) pre-finish is available to meet ASTM G7, B117, D1654 and D2247 requirements (salt spray, corrosion and humidity resistance)

### LED, LENS & OPTICS

- High power LED available in 3000k & 4000k
- Type 2, 3, 3m (wide), 4 & 5 Roadway optics available
- Optional House-side shield available to cut back light
- Flat Clear Glass (FGC) - highest efficiency and performance
- Flat Clear Frost (FGF) - reduces glare with better uniformity
- All lens & optics are fully UV stable
- Dark Sky compliant

CY55T4



CY55P1B

### FORMATS

- Available Pendant or Post Top (Yoke mount) or a Utility Fitter variation (top & bottom images) that features easy tool-free access



**IP67**

### ELECTRICAL

- Dimmable 0-10 volt, high power factor (90%) driver
- 120, 208, 240, 277, 347 or 480 volts available
- 10 kA Surge protector supplied standard

### OPTIONAL

- Programmable driver (PROG), Button-type photocell (PC)
- 7-Pin ANSI C136.41 receptacle (PTDR) available with shorting cap (PX), photocell (PT) or long-life photocell (PTL)
- Field adjustable 10% increment step-dimming switch (SD)



Contact factory for **WIRELESS CONTROLS** and further details

# Galaxy LED ENGINE

The Galaxy Light engine unit is a custom designed, modular system that combines state-of-the-art optics, LEDs and thermal management and is rigorously tested to ensure high performance and long life.



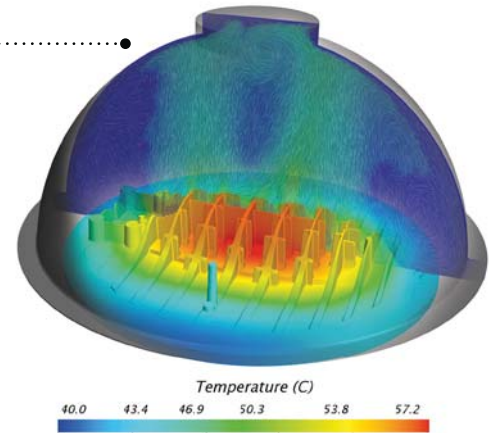
## ROBUST DESIGN

- Sealed IP67
- Modular aluminum LED board with acrylic optic
- Die cast aluminum alloy heat sink with thermal interface
- Heat sink designed and tested for optimal thermal management performance in all weather from
- 40C/-40F to 50C/ 122F
- High Power LEDs with thermal and electric protection for stability and protects it from electrical surge.

## Computational Fluid Dynamics simulation

### PERFORMANCE DRIVEN

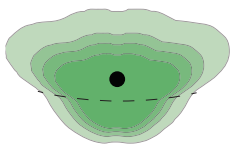
- Modular design allows the GALAXY wattages ranging from 20 to 200W
- Equivalent to 50-400W HID with 60% energy saving
- GALAXY engines are tested & designed for a lifespan of over 100,000 hours
- Tested according to LM79 standard by recognize NVLAP independent laboratories



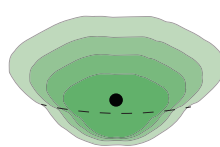
## IES Distribution types

Cyclone Lighting offers optically engineered performance systems based on a series of acrylic injection molded lens of IES Roadway distribution types giving you the performance of a cobra head in a sleek decorative fixture.

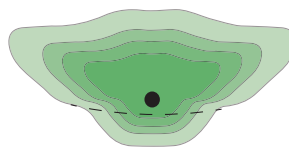
Type 2



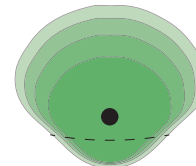
Type 3



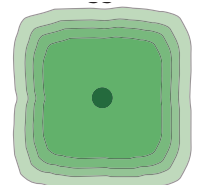
Type 3M



Type 4



Type 5



--- Indicates House Side Shield impact on photometrics



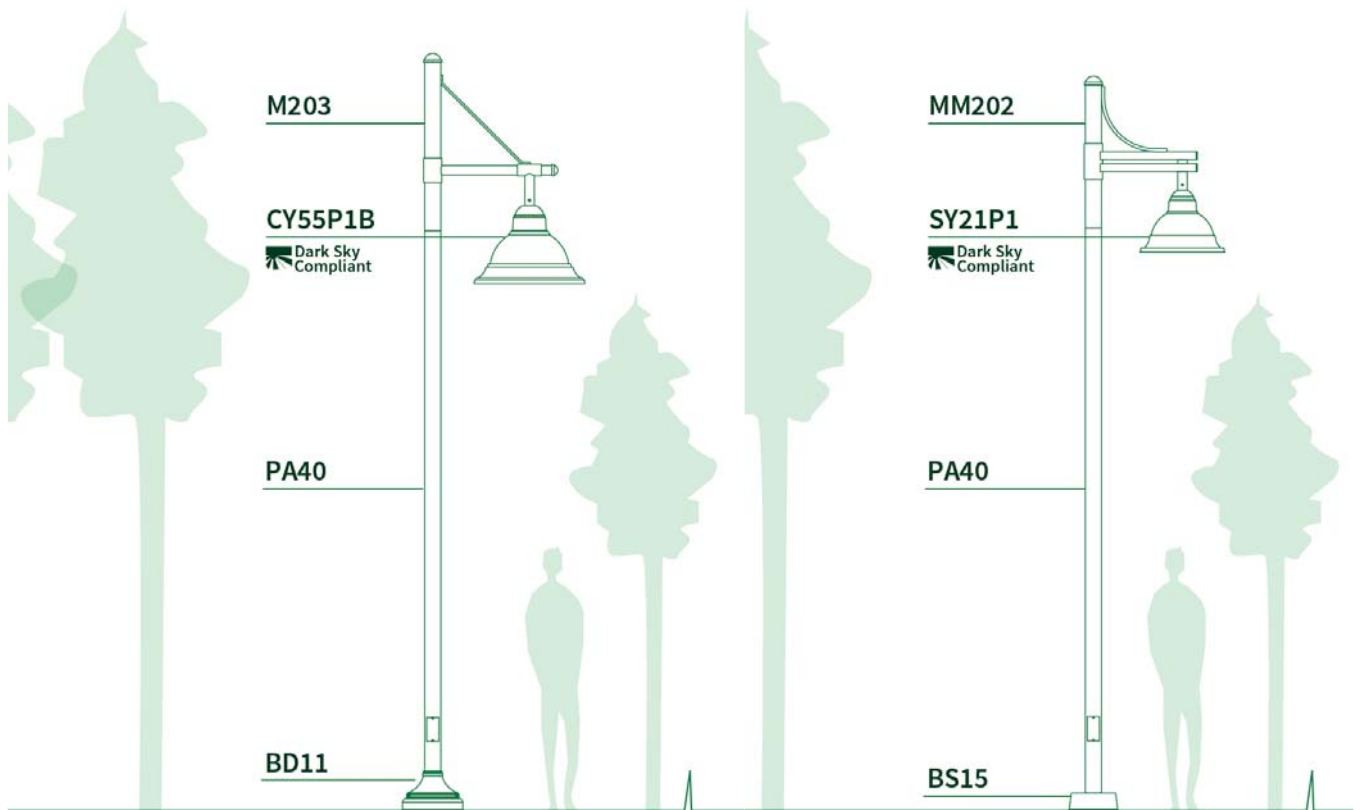
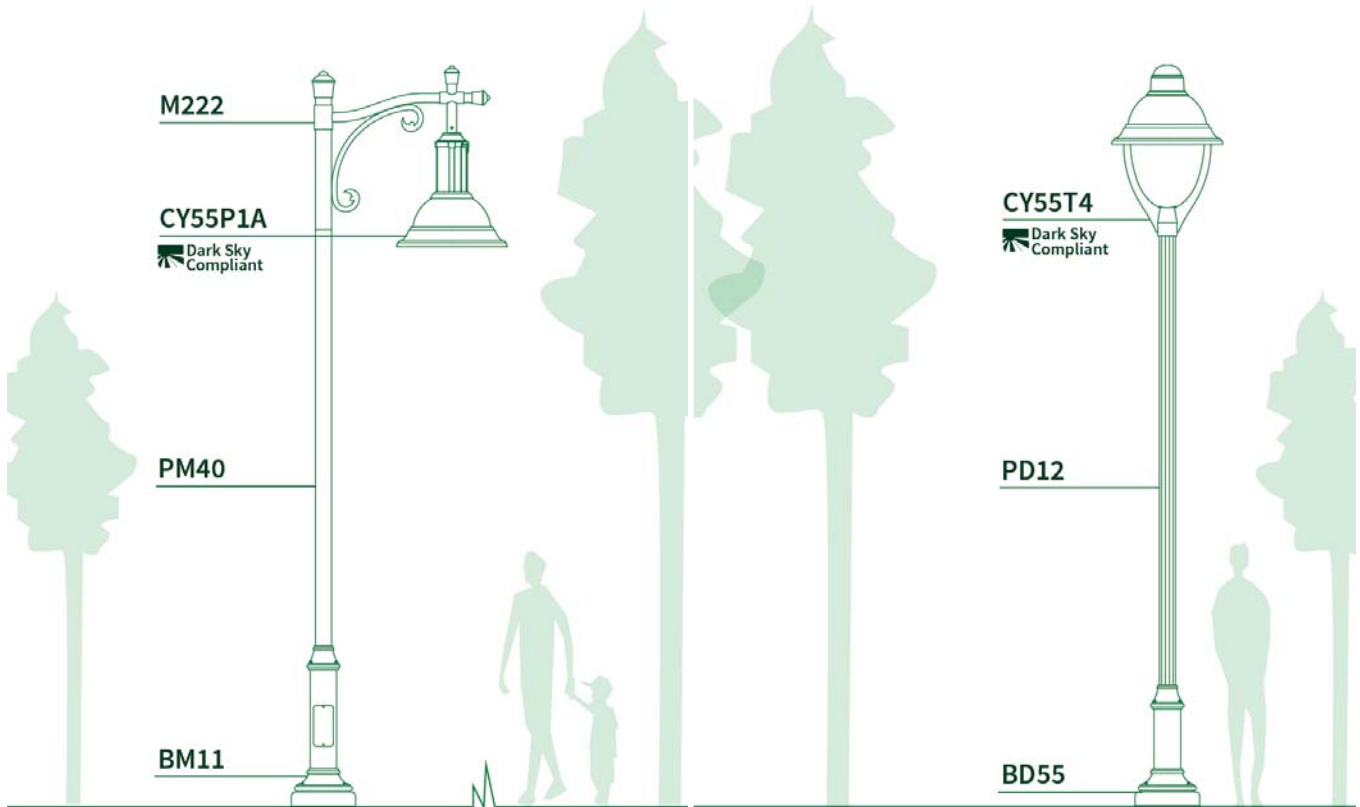
### House Side Shield option

The HOUSE SIDE SHIELD (HS) give you a better back control for those LEED projects where light spill or light trespass are critical. This options can be added post installation.

Please consult website for latest IES files

# Luminaire

## SCALE GUIDE



# Pendant

## CY55P1A / CY55P1B

### Ordering Template

MODEL	LENS	DIST.	WATT	CCT	VOLT	ADAPTOR	OPTIONS	COLOR	TEXTURE	OP.FIN.
CY55P1A	FGC	2	20W	3K	120	NONE	NONE	BK	TX	MG
CY55P1B	FGF	3	40W	4K	208	ADV	PC <sup>2,3</sup>	MT	SM <sup>4</sup>	
		3M	60W		240		PT <sup>1,3</sup>	DG		
		4	80W		277		PTL <sup>1,3</sup>	MA		
		5	100W		347 <sup>4</sup>		PTDR <sup>1,3</sup>	SI <sup>4</sup>		
		2HS	120W		480 <sup>4</sup>		PX <sup>1,3</sup>	BZ		
		3HS	140W <sup>1</sup>				PROG	BG		
		3MHS	160W <sup>1</sup>				SD	GM		
		4HS	200W <sup>1</sup>					PG		
								WH		

<sup>1</sup>FOR CY55P1A ONLY

<sup>2</sup>FOR CY55P1B ONLY

<sup>3</sup>ONLY ONE OF THESE OPTION CAN BE CHOSEN

<sup>4</sup>AVAILABLE FOR 20W TO 100W ONLY

### ORDERING CODE



### References

#### LENS

FGC	FLAT GLASS CLEAR
FGF	FLAT GLASS FROST

#### DISTRIBUTION

HS	INTERNAL HOUSE SHIELD
----	-----------------------

SEE PHOTOMETRIC PAGE FOR DETAILS

#### CCT

3K	3000K
4K	4000K

#### WATT

SEE PHOTOMETRIC PAGE FOR LUMEN OUTPUT

#### ADAPTOR

NONE	FITS INTO Ø2" I.D. X MIN 4" LONG TENON
ADV	SELF-LEVELING, SIDE MOUNT ADAPTOR FITS ONTO Ø2 3/8" O.D. x MIN 6" LONG TENON

#### OPTIONS

NONE	NONE
PC	BUTTON-TYPE PHOTOCELL
PT	PHOTOCELL W/7-PIN RECEPTACLE (ANSI C136.41)
PTL	LONG LIFE PHOTOCELL W/7-PIN RECEPTACLE (ANSI C136.41)
PTDR*	7-PIN RECEPTACLE (ANSI C136.41)
PX	SHORTING CAP W/7-PIN RECEPTACLE (ANSI C136.41)
PROG*	PROGRAMMABLE DRIVER
SD*	FIELD ADJUSTABLE 10% INCREMENT STEP-DIMMING SWITCH

\*CONTACT FACTORY FOR WIRELESS CONTROLS AND MORE INFORMATION REGARDING PROG AND SD OPTIONS

#### COLOR

BK	BLACK RAL9005
MT	METALLIC GRAPHITE TEXTURED ONLY (PROPRIETARY FORMULA)
DG	DARK GREEN RAL6012
MA	MARINE BLUE RAL5013
SI <sup>4</sup>	METALLIC SILVER RAL9006 (SMOOTH ONLY)
BZ	DARK BRONZE RAL8019
BG	BURGUNDY RAL3005
GM	MOSS GREEN RAL6005
PG	PALE GREY RAL7040
WH	WHITE RAL9003

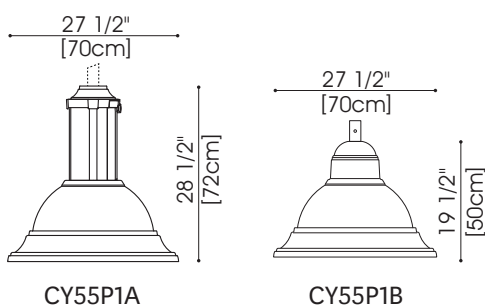
#### TEXTURE

TX	TEXTURED
SM <sup>4</sup>	SMOOTH (METALLIC SILVER RAL9006 ONLY)

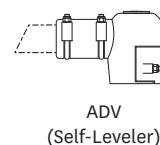
#### OP.FIN. (OPTIONAL FINISH)

MG	MARINE GRADE PRE-FINISH
----	-------------------------

### Luminaire



### Adaptors





# Post-Top CY55T4

## Ordering Template

MODEL	LENS	DIST.	WATT	CCT	VOLT	FITTER	OPTIONS	COLOR	TEXTURE	OP.FIN.	
CY55T4	FGC	2	20W	3K	120	NONE	NONE	BK	TX	MG	
		3	40W	4K	208	R28	PC	MT	SM		
	FGF	3M	60W		240	R30	PROG	DG			
		4	80W		277		SD	MA			
		5	100W		347			SI			
		2HS	120W		480			BZ			
		3HS						BG			
		3MHS						GM			
		4HS						PC			
									WH		

### ORDERING CODE

CY55T4										
--------	--	--	--	--	--	--	--	--	--	--

## References

### LENS

FGC	FLAT GLASS CLEAR
FGF	FLAT GLASS FROST

### DISTRIBUTION

HS	INTERNAL HOUSE SHIELD
----	-----------------------

SEE PHOTOMETRIC PAGE FOR DETAILS

### CCT

3K	3000K
4K	4000K

### WATT

SEE PHOTOMETRIC PAGE FOR LUMEN OUTPUT

### FITTER

NONE	FITS 4" O.D. X 3" LONG TENON
R28	REDUCER 4" O.D. TO 2 7/8" O.D. X 3" LONG TENON
R30	REDUCER 4" O.D. TO 3" O.D. X 3" LONG TENON

### OPTIONS

NONE	NONE
PC	BUTTON-TYPE PHOTOCELL
PROG*	PROGRAMMABLE DRIVER
SD*	FIELD ADJUSTABLE 10% INCREMENT STEP-DIMMING SWITCH

\*CONTACT FACTORY FOR WIRELESS CONTROLS AND MORE INFORMATION REGARDING PROG AND SD OPTIONS

### COLOR

BK	BLACK RAL9005
MT	METALLIC GRAPHITE TEXTURED ONLY (PROPRIETARY FORMULA)
DG	DARK GREEN RAL6012
MA	MARINE BLUE RAL5013
SI	METALLIC SILVER RAL9006 (SMOOTH ONLY)
BZ	DARK BRONZE RAL8019
BG	BURGUNDY RAL3005
GM	MOSS GREEN RAL6005
PG	PALE GREY RAL7040
WH	WHITE RAL9003

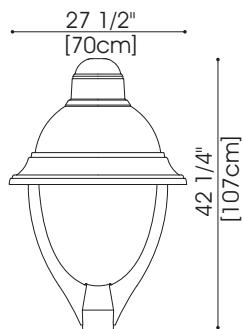
### TEXTURE

TX	TEXTURED
SM	SMOOTH

### OP.FIN. (OPTIONAL FINISH)

MG	MARINE GRADE PRE-FINISH
----	-------------------------

## Luminaire



CY55T4

# Pendant MINI

## SY21P1

### Ordering Template

MODEL	LENS	DIST.	WATT	CCT	VOLT	OPTIONS	COLOR	TEXTURE	OP.FIN.
SY21P1	FGC	2	20W	3K	120	NONE	BK	TX	MG
		3	40W	4K	208	PC	MT	SM	
	FGF	3M	60W		240	PROG	DG		
		4	80W		277	SD	MA		
		5	100W		347		SI		
		2HS			480		BZ		
		3HS					BG		
		3MHS					GM		
		4HS					PG		
							WH		

#### ORDERING CODE

SY21P1									
--------	--	--	--	--	--	--	--	--	--

### References

#### LENS

FGC	FLAT GLASS CLEAR
FGF	FLAT GLASS FROST

#### DISTRIBUTION

HS	INTERNAL HOUSE SHIELD
----	-----------------------

SEE PHOTOMETRIC PAGE FOR DETAILS

#### CCT

3K	3000K
4K	4000K

#### WATT

SEE PHOTOMETRIC PAGE FOR LUMEN OUTPUT

#### OPTIONS

NONE	NONE
PC	BUTTON-TYPE PHOTOCELL
PROG*	PROGRAMMABLE DRIVER
SD*	FIELD ADJUSTABLE 10% INCREMENT STEP-DIMMING SWITCH

\*CONTACT FACTORY FOR WIRELESS CONTROLS AND MORE INFORMATION REGARDING PROG AND SD OPTIONS

#### COLOR

BK	BLACK RAL9005
MT	METALLIC GRAPHITE TEXTURED ONLY (PROPRIETARY FORMULA)
DG	DARK GREEN RAL6012
MA	MARINE BLUE RAL5013
SI	METALLIC SILVER RAL9006 (SMOOTH ONLY)
BZ	DARK BRONZE RAL8019
BG	BURGUNDY RAL3005
GM	MOSS GREEN RAL6005
PG	PALE GREY RAL7040
WH	WHITE RAL9003

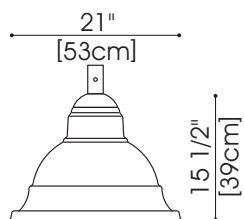
#### TEXTURE

TX	TEXTURED
SM	SMOOTH

#### OP.FIN. (OPTIONAL FINISH)

MG	MARINE GRADE PRE-FINISH
----	-------------------------

### Luminaire



SY21P1

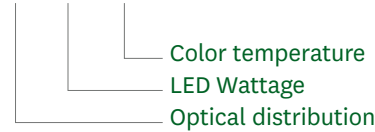
# Photometry

## CY55P1B

SOURCE: LED 4000K ± 150K, 70 CRI minimum<sup>1</sup>  
 WATERPROOF RATING: IP67 optical system  
 Dark Sky friendly optical system  
 Data base on luminaire using FGC (Flat glass clear)

LED code definition:

**2 - 20W - 4K**



### Type 2

LED CODE	LUMEN OUTPUT	EFFICACY (LM/W)	WATTAGE LED	WATTAGE SYSTEM <sup>2</sup>	LED CURRENT (mA)	BUG RATING	HID EQUIVALENCY <sup>3</sup>
2-20W-4K	2491	113	20	22	350	B1-U0-G1	50W
2-40W-4K	4794	106	40	45	700	B1-U0-G1	70W
2-60W-4K	7263	108	60	67	700	B1-U0-G1	100W
2-80W-4K	9587	106	80	90	700	B2-U0-G1	150W
2-100W-4K	12057	107	100	112	700	B2-U0-G2	200W
2-120W-4K	14526	108	120	135	700	B2-U0-G2	250W

### Type 3

LED CODE	LUMEN OUTPUT	EFFICACY (LM/W)	WATTAGE LED	WATTAGE SYSTEM <sup>2</sup>	LED CURRENT (mA)	BUG RATING	HID EQUIVALENCY <sup>3</sup>
3-20W-4K	2582	117	20	22	350	B1-U0-G1	50W
3-40W-4K	4733	105	40	45	700	B1-U0-G1	70W
3-60W-4K	7171	107	60	67	700	B2-U0-G1	100W
3-80W-4K	9466	105	80	90	700	B2-U0-G2	150W
3-100W-4K	11904	106	100	112	700	B2-U0-G2	200W
3-120W-4K	14342	106	120	135	700	B3-U0-G2	250W

### Type 3M

LED CODE	LUMEN OUTPUT	EFFICACY (LM/W)	WATTAGE LED	WATTAGE SYSTEM <sup>2</sup>	LED CURRENT (mA)	BUG RATING	HID EQUIVALENCY <sup>3</sup>
3M-20W-4K	2305	104	20	22	350	B1-U0-G1	50W
3M-40W-4K	4226	93	40	45	700	B1-U0-G2	70W
3M-60W-4K	6403	95	60	67	700	B1-U0-G2	100W
3M-80W-4K	8452	93	80	90	700	B1-U0-G2	150W
3M-100W-4K	10629	94	100	112	700	B2-U0-G3	200W
3M-120W-4K	12806	94	120	135	700	B2-U0-G3	250W

\*For CY55P1B only

<sup>1</sup>IES-TM-21 Calculated L70 is over 363 000 hours.

IES-TM-21 Reported more than 54 000 hours.

<sup>2</sup>System wattage includes the LED and the Driver.

<sup>3</sup>Equivalency should always be verified by photometric layout.

\*4000K used for testing, 3000K photometrics is available on website.

Note: Due to rapid and continuous advances in LED technology, LED luminaire data is subject to change without notice and at the discretion of Cyclone Lighting. Cyclone Lighting reserves the right to substitute materials or change the manufacturing process of its products without prior notification. See the latest results and updates on our website at [www.cyclonelight.com](http://www.cyclonelight.com)



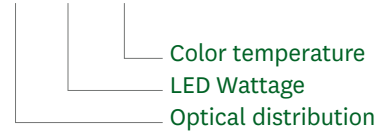
# Photometry

## CY55P1B

SOURCE: LED 4000K ± 150K, 70 CRI minimum<sup>1</sup>  
 WATERPROOF RATING: IP67 optical system  
 Dark Sky friendly optical system  
 Data base on luminaire using FGC (Flat glass clear)

LED code definition:

**2 - 20W - 4K**



### Type 4

LED CODE	LUMEN OUTPUT	EFFICACY (LM/W)	WATTAGE LED	WATTAGE SYSTEM <sup>2</sup>	LED CURRENT (mA)	BUG RATING	HID EQUIVALENCY <sup>3</sup>
4-20W-4K	2537	115	20	22	350	B1-U0-G1	50W
4-40W-4K	4652	103	40	45	700	B1-U0-G1	70W
4-60W-4K	7048	105	60	67	700	B1-U0-G2	100W
4-80W-4K	9303	103	80	90	700	B1-U0-G2	150W
4-100W-4K	11700	104	100	112	700	B2-U0-G2	200W
4-120W-4K	14096	104	120	135	700	B2-U0-G2	250W

### Type 5

LED CODE	LUMEN OUTPUT	EFFICACY (LM/W)	WATTAGE LED	WATTAGE SYSTEM <sup>2</sup>	LED CURRENT (mA)	BUG RATING	HID EQUIVALENCY <sup>3</sup>
5-20W-4K	2649	120	20	22	350	B2-U0-G1	50W
5-40W-4K	4857	107	40	45	700	B2-U0-G1	70W
5-60W-4K	7359	109	60	67	700	B3-U0-G1	100W
5-80W-4K	9714	107	80	90	700	B3-U0-G2	150W
5-100W-4K	12216	109	100	112	700	B3-U0-G2	200W
5-120W-4K	14719	109	120	135	700	B4-U0-G2	250W

\*For CY55P1B only

<sup>1</sup>IES-TM-21 Calculated L70 is over 363 000 hours.

IES-TM-21 Reported more than 54 000 hours.

<sup>2</sup>System wattage includes the LED and the Driver.

<sup>3</sup>Equivalency should always be verified by photometric layout.

\*4000K used for testing, 3000K photometrics is available on website.

Note: Due to rapid and continuous advances in LED technology, LED luminaire data is subject to change without notice and at the discretion of Cyclone Lighting. Cyclone Lighting reserves the right to substitute materials or change the manufacturing process of its products without prior notification. See the latest results and updates on our website at [www.cyclonelight.com](http://www.cyclonelight.com)

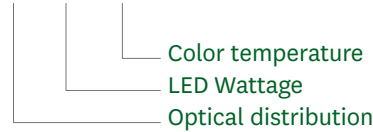
# Photometry

## CY55P1A

SOURCE: LED 4000K ± 150K, 70 CRI minimum<sup>1</sup>  
 WATERPROOF RATING: IP67 optical system  
 MAINTENANCE: Tool free utility series fitter  
 Dark Sky friendly optical system  
 Data base on luminaire using FGC (Flat glass clear)

LED code definition:

**2 - 20W - 4K**



### Type 2

LED CODE	LUMEN OUTPUT	EFFICACY (LM/W)	WATTAGE LED	WATTAGE SYSTEM <sup>2</sup>	LED CURRENT (mA)	BUG RATING	HID EQUIVALENCY <sup>3</sup>
2-20W-4K	2491	113	20	22	350	B1-U0-G1	50W
2-40W-4K	4794	107	40	45	700	B1-U0-G1	70W
2-60W-4K	7263	108	60	67	700	B1-U0-G1	100W
2-80W-4K	9587	107	80	90	700	B2-U0-G1	150W
2-100W-4K	12057	108	100	112	700	B2-U0-G2	200W
2-120W-4K	14526	108	120	135	700	B2-U0-G2	250W
2-140W-4K	16265	103	140	158	700	B2-U0-G2	250W
2-160W-4K	18589	103	160	180	700	B3-U0-G2	310W
2-200W-4K	23236	104	200	224	700	B3-U0-G2	400W

### Type 3

LED CODE	LUMEN OUTPUT	EFFICACY (LM/W)	WATTAGE LED	WATTAGE SYSTEM <sup>2</sup>	LED CURRENT (mA)	BUG RATING	HID EQUIVALENCY <sup>3</sup>
3-20W-4K	2582	117	20	22	350	B1-U0-G1	50W
3-40W-4K	4733	105	40	45	700	B1-U0-G1	70W
3-60W-4K	7171	107	60	67	700	B2-U0-G1	100W
3-80W-4K	9466	105	80	90	700	B2-U0-G2	150W
3-100W-4K	11904	106	100	112	700	B2-U0-G2	200W
3-120W-4K	14342	106	120	135	700	B3-U0-G2	250W
3-140W-4K	16347	103	140	158	700	B3-U0-G2	250W
3-160W-4K	18682	104	160	180	700	B3-U0-G2	310W
3-200W-4K	23353	104	200	224	700	B3-U0-G3	400W

### Type 3M

LED CODE	LUMEN OUTPUT	EFFICACY (LM/W)	WATTAGE LED	WATTAGE SYSTEM <sup>2</sup>	LED CURRENT (mA)	BUG RATING	HID EQUIVALENCY <sup>3</sup>
3M-20W-4K	2305	105	20	22	350	B1-U0-G1	50W
3M-40W-4K	4226	94	40	45	700	B1-U0-G2	70W
3M-60W-4K	6403	96	60	67	700	B1-U0-G2	100W
3M-80W-4K	8452	94	80	90	700	B1-U0-G2	150W
3M-100W-4K	10629	95	100	112	700	B2-U0-G3	200W
3M-120W-4K	12806	95	120	135	700	B2-U0-G3	250W
3M-140W-4K	15306	97	140	158	700	B2-U0-G3	250W
3M-160W-4K	17493	97	160	180	700	B2-U0-G3	310W
3M-200W-4K	21866	98	200	224	700	B3-U0-G4	400W

<sup>1</sup>IES-TM-21 Calculated L70 is over 363 000 hours.

<sup>1</sup>IES-TM-21 Reported more than 54 000 hours.

<sup>2</sup>System wattage includes the LED and the Driver.

<sup>3</sup>Equivalency should always be verified by photometric layout.

\*4000K used for testing, 3000K photometrics is available on website.

Note: Due to rapid and continuous advances in LED technology, LED luminaire data is subject to change without notice and at the discretion of Cyclone Lighting. Cyclone Lighting reserves the right to substitute materials or change the manufacturing process of its products without prior notification. See the latest results and updates on our website at [www.cyclonelight.com](http://www.cyclonelight.com)

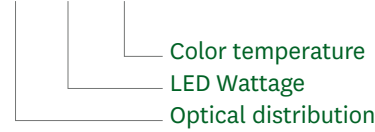
# Photometry

## CY55P1A

SOURCE: LED 4000K ± 150K, 70 CRI minimum<sup>1</sup>  
 WATERPROOF RATING: IP67 optical system  
 MAINTENANCE: Tool free utility series fitter  
 Dark Sky friendly optical system  
 Data base on luminaire using FGC (Flat glass clear)

LED code definition:

**2 - 20W - 4K**



### Type 4

LED CODE	LUMEN OUTPUT	EFFICACY (LM/W)	WATTAGE LED	WATTAGE SYSTEM <sup>2</sup>	LED CURRENT (mA)	BUG RATING	HID EQUIVALENCY <sup>3</sup>
4-20W-4K	2537	115	20	22	350	B1-U0-G1	50W
4-40W-4K	4652	103	40	45	700	B1-U0-G1	70W
4-60W-4K	7048	105	60	67	700	B1-U0-G2	100W
4-80W-4K	9303	103	80	90	700	B1-U0-G2	150W
4-100W-4K	11700	104	100	112	700	B2-U0-G2	200W
4-120W-4K	14096	104	120	135	700	B2-U0-G2	250W
4-140W-4K	15782	100	140	158	700	B2-U0-G3	250W
4-160W-4K	18037	100	160	180	700	B2-U0-G3	310W
4-200W-4K	22546	101	200	224	700	B3-U0-G4	400W

### Type 5

LED CODE	LUMEN OUTPUT	EFFICACY (LM/W)	WATTAGE LED	WATTAGE SYSTEM <sup>2</sup>	LED CURRENT (mA)	BUG RATING	HID EQUIVALENCY <sup>3</sup>
5-20W-4K	2649	120	20	22	350	B2-U0-G1	50W
5-40W-4K	4857	108	40	45	700	B2-U0-G1	70W
5-60W-4K	7359	110	60	67	700	B3-U0-G1	100W
5-80W-4K	9714	108	80	90	700	B3-U0-G2	150W
5-100W-4K	12216	109	100	112	700	B3-U0-G2	200W
5-120W-4K	14719	109	120	135	700	B4-U0-G2	250W
5-140W-4K	16279	103	140	158	700	B4-U0-G2	250W
5-160W-4K	18605	103	160	180	700	B4-U0-G2	310W
5-200W-4K	23256	104	200	224	700	B4-U0-G2	400W

<sup>1</sup>IES-TM-21 Calculated L70 is over 363 000 hours.

IES-TM-21 Reported more than 54 000 hours.

<sup>2</sup>System wattage includes the LED and the Driver.

<sup>3</sup>Equivalency should always be verified by photometric layout.

\*4000K used for testing, 3000K photometrics is available on website.

Note: Due to rapid and continuous advances in LED technology, LED luminaire data is subject to change without notice and at the discretion of Cyclone Lighting. Cyclone Lighting reserves the right to substitute materials or change the manufacturing process of its products without prior notification. See the latest results and updates on our website at [www.cyclonelighting.com](http://www.cyclonelighting.com)

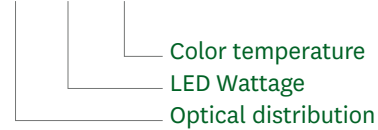
# Photometry

## SY21P1

SOURCE: LED 4000K ± 150K, 70 CRI minimum<sup>1</sup>  
 WATERPROOF RATING: IP67 optical system  
 Dark Sky friendly optical system  
 Data base on luminaire using FGC (Flat glass clear)

LED code definition:

**2 - 20W - 4K**



### Type 2

LED CODE	LUMEN OUTPUT	EFFICACY (LM/W)	WATTAGE LED	WATTAGE SYSTEM <sup>2</sup>	LED CURRENT (mA)	BUG RATING	HID EQUIVALENCY <sup>3</sup>
2-20W-4K	2491	113	20	22	350	B1-U0-G1	50W
2-40W-4K	4794	106	40	45	700	B1-U0-G1	70W
2-60W-4K	7263	108	60	67	700	B1-U0-G1	100W
2-80W-4K	9587	106	80	90	700	B2-U0-G1	150W
2-100W-4K	12057	107	100	112	700	B2-U0-G2	200W

### Type 3

LED CODE	LUMEN OUTPUT	EFFICACY (LM/W)	WATTAGE LED	WATTAGE SYSTEM <sup>2</sup>	LED CURRENT (mA)	BUG RATING	HID EQUIVALENCY <sup>3</sup>
3-20W-4K	2582	117	20	22	350	B1-U0-G1	50W
3-40W-4K	4733	105	40	45	700	B1-U0-G1	70W
3-60W-4K	7171	107	60	67	700	B2-U0-G1	100W
3-80W-4K	9466	105	80	90	700	B2-U0-G2	150W
3-100W-4K	11904	106	100	112	700	B2-U0-G2	200W

### Type 3M

LED CODE	LUMEN OUTPUT	EFFICACY (LM/W)	WATTAGE LED	WATTAGE SYSTEM <sup>2</sup>	LED CURRENT (mA)	BUG RATING	HID EQUIVALENCY <sup>3</sup>
3M-20W-4K	2305	104	20	22	350	B1-U0-G1	50W
3M-40W-4K	4226	93	40	45	700	B1-U0-G2	70W
3M-60W-4K	6403	95	60	67	700	B1-U0-G2	100W
3M-80W-4K	8452	93	80	90	700	B1-U0-G2	150W
3M-100W-4K	10629	94	100	112	700	B2-U0-G3	200W

\*For CY55P1B only

<sup>1</sup>IES-TM-21 Calculated L70 is over 363 000 hours.

IES-TM-21 Reported more than 54 000 hours.

<sup>2</sup>System wattage includes the LED and the Driver.

<sup>3</sup>Equivalency should always be verified by photometric layout.

\*4000K used for testing, 3000K photometrics is available on website.

Note: Due to rapid and continuous advances in LED technology, LED luminaire data is subject to change without notice and at the discretion of Cyclone Lighting. Cyclone Lighting reserves the right to substitute materials or change the manufacturing process of its products without prior notification. See the latest results and updates on our website at [www.cyclonelight.com](http://www.cyclonelight.com)

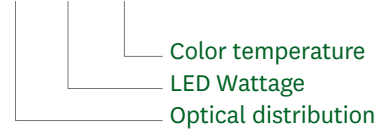
# Photometry

## SY21P1

SOURCE: LED 4000K ± 150K, 70 CRI minimum<sup>1</sup>  
 WATERPROOF RATING: IP67 optical system  
 Dark Sky friendly optical system  
 Data base on luminaire using FGC (Flat glass clear)

LED code definition:

**2 - 20W - 4K**



### Type 4

LED CODE	LUMEN OUTPUT	EFFICACY (LM/W)	WATTAGE LED	WATTAGE SYSTEM <sup>2</sup>	LED CURRENT (mA)	BUG RATING	HID EQUIVALENCY <sup>3</sup>
4-20W-4K	2537	115	20	22	350	B1-U0-G1	50W
4-40W-4K	4652	103	40	45	700	B1-U0-G1	70W
4-60W-4K	7048	105	60	67	700	B1-U0-G2	100W
4-80W-4K	9303	103	80	90	700	B1-U0-G2	150W
4-100W-4K	11700	104	100	112	700	B2-U0-G2	200W

### Type 5

LED CODE	LUMEN OUTPUT	EFFICACY (LM/W)	WATTAGE LED	WATTAGE SYSTEM <sup>2</sup>	LED CURRENT (mA)	BUG RATING	HID EQUIVALENCY <sup>3</sup>
5-20W-4K	2649	120	20	22	350	B2-U0-G1	50W
5-40W-4K	4857	107	40	45	700	B2-U0-G1	70W
5-60W-4K	7359	109	60	67	700	B3-U0-G1	100W
5-80W-4K	9714	107	80	90	700	B3-U0-G2	150W
5-100W-4K	12216	109	100	112	700	B3-U0-G2	200W

\*For CY55P1B only

<sup>1</sup>IES-TM-21 Calculated L70 is over 363 000 hours.

IES-TM-21 Reported more than 54 000 hours.

<sup>2</sup>System wattage includes the LED and the Driver.

<sup>3</sup>Equivalency should always be verified by photometric layout.

\*4000K used for testing, 3000K photometrics is available on website.

Note: Due to rapid and continuous advances in LED technology, LED luminaire data is subject to change without notice and at the discretion of Cyclone Lighting. Cyclone Lighting reserves the right to substitute materials or change the manufacturing process of its products without prior notification. See the latest results and updates on our website at [www.cyclonelight.com](http://www.cyclonelight.com)

# Photometry

## CY55T4



LED code definition:

**2 - 20W - 4K**

Color temperature

LED Wattage

Optical distribution

SOURCE: LED 4000K  $\pm$  150K, 70 CRI minimum<sup>1</sup>  
 WATERPROOF RATING: IP67 optical system  
 Dark Sky friendly optical system  
 Data base on luminaire using FGC (Flat flass clear)

### Type 2

LED CODE	LUMEN OUTPUT	EFFICACY (LM/W)	WATTAGE LED	WATTAGE SYSTEM <sup>2</sup>	LED CURRENT (mA)	BUG RATING	HID EQUIVALENCY <sup>3</sup>
2-20W-4K	2209	100	20	22	350	B1-U0-G1	50W
2-40W-4K	4028	89	40	45	700	B1-U0-G1	70W
2-60W-4K	6108	91	60	67	700	B1-U0-G1	100W
2-80W-4K	8057	89	80	90	700	B1-U0-G1	150W
2-100W-4K	10136	91	100	112	700	B2-U0-G2	200W
2-120W-4K	12215	90	120	135	700	B2-U0-G2	250W

### Type 3

LED CODE	LUMEN OUTPUT	EFFICACY (LM/W)	WATTAGE LED	WATTAGE SYSTEM <sup>2</sup>	LED CURRENT (mA)	BUG RATING	HID EQUIVALENCY <sup>3</sup>
3-20W-4K	2176	98	20	22	350	B1-U0-G1	50W
3-40W-4K	3969	88	40	45	700	B1-U0-G1	70W
3-60W-4K	6017	89	60	67	700	B1-U0-G1	100W
3-80W-4K	7937	88	80	90	700	B1-U0-G1	150W
3-100W-4K	9985	89	100	112	700	B2-U0-G2	200W
3-120W-4K	12034	89	120	135	700	B2-U0-G2	250W

### Type 3M

LED CODE	LUMEN OUTPUT	EFFICACY (LM/W)	WATTAGE LED	WATTAGE SYSTEM <sup>2</sup>	LED CURRENT (mA)	BUG RATING	HID EQUIVALENCY <sup>3</sup>
3M-20W-4K	1939	88	20	22	350	B0-U0-G1	50W
3M-40W-4K	3535	78	40	45	700	B1-U0-G1	70W
3M-60W-4K	5360	80	60	67	700	B1-U0-G2	100W
3M-80W-4K	7071	78	80	90	700	B1-U0-G2	150W
3M-100W-4K	8896	79	100	112	700	B1-U0-G3	200W
3M-120W-4K	10720	79	120	135	700	B2-U0-G3	250W

<sup>1</sup>IES-TM-21 Calculated L70 is over 363 000 hours.

<sup>1</sup>IES-TM-21 Reported more than 54 000 hours.

<sup>2</sup>System wattage includes the LED and the Driver.

<sup>3</sup>Equivalency should always be verified by photometric layout.

\*4000K used for testing, 3000K photometrics is available on website.

Note: Due to rapid and continuous advances in LED technology, LED luminaire data is subject to change without notice and at the discretion of Cyclone Lighting. Cyclone Lighting reserves the right to substitute materials or change the manufacturing process of its products without prior notification. See the latest results and updates on our website at [www.cyclonelight.com](http://www.cyclonelight.com)



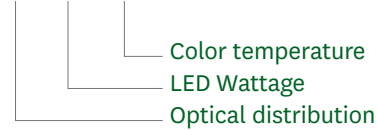
# Photometry

## CY55T4



LED code definition:

**2 - 20W - 4K**



SOURCE: LED 4000K ± 150K, 70 CRI minimum<sup>1</sup>  
 WATERPROOF RATING: IP67 optical system  
 Dark Sky friendly optical system  
 Data base on luminaire using FGC (Flat flass clear)

### Type 4

LED CODE	LUMEN OUTPUT	EFFICACY (LM/W)	WATTAGE LED	WATTAGE SYSTEM <sup>2</sup>	LED CURRENT (mA)	BUG RATING	HID EQUIVALENCY <sup>3</sup>
4-20W-4K	2188	99	20	22	350	B1-U0-G1	50W
4-40W-4K	3990	88	40	45	700	B1-U0-G1	70W
4-60W-4K	6049	90	60	67	700	B1-U0-G2	100W
4-80W-4K	7979	88	80	90	700	B1-U0-G2	150W
4-100W-4K	10039	89	100	112	700	B2-U0-G2	200W
4-120W-4K	12098	90	120	135	700	B2-U0-G2	250W

### Type 5

LED CODE	LUMEN OUTPUT	EFFICACY (LM/W)	WATTAGE LED	WATTAGE SYSTEM <sup>2</sup>	LED CURRENT (mA)	BUG RATING	HID EQUIVALENCY <sup>3</sup>
5-20W-4K	2278	103	20	22	350	B1-U0-G1	50W
5-40W-4K	4153	92	40	45	700	B2-U0-G1	70W
5-60W-4K	6297	93	60	67	700	B3-U0-G1	100W
5-80W-4K	8306	92	80	90	700	B3-U0-G1	150W
5-100W-4K	10450	93	100	112	700	B3-U0-G2	200W
5-120W-4K	12594	93	120	112	700	B3-U0-G2	250W

<sup>1</sup>IES-TM-21 Calculated L70 is over 363 000 hours.

<sup>1</sup>IES-TM-21 Reported more than 54 000 hours.

<sup>2</sup>System wattage includes the LED and the Driver.

<sup>3</sup>Equivalency should always be verified by photometric layout.

\*4000K used for testing, 3000K photometrics is available on website.

Note: Due to rapid and continuous advances in LED technology, LED luminaire data is subject to change without notice and at the discretion of Cyclone Lighting. Cyclone Lighting reserves the right to substitute materials or change the manufacturing process of its products without prior notification. See the latest results and updates on our website at [www.cyclonelight.com](http://www.cyclonelight.com)



CY55P1B



CY55T4



SY21P1



CY55P1B