

Campana



Campana

DETAILS

Luminaires in the CAMPANA series coexist perfectly with environments such as parks, pedestrian areas, waterfront projects, shopping centres, streets or avenues. This series of luminaires feature a full cutoff optical system that blend aesthetics and performance with panache.



CN55P1A

EPA: 1.8 FT²
Weight: 52 lbs - 24 kg

CONSTRUCTION

- Sturdy aluminum casting housing
- 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



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) or (ADV) adaptor
- Field adjustable 10% increment step-dimming switch (SD)



CN55P1B

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.



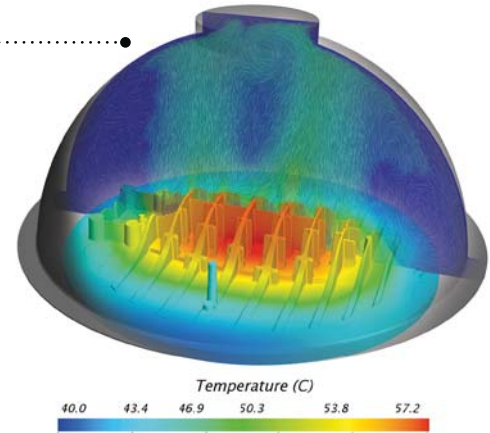
ROBUST DESIGN

- 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

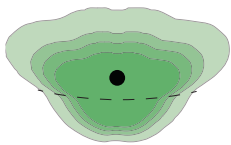
- Modular design allows the GALAXY wattages ranging from 20 to 120W
- Equivalent to 50-250W HID with 60% energy saving
- GALAXY engines are tested & designed for a lifespan of over 100,000 hours
- Tested according to LM79 standard by recognize NVLAP independent laboratories



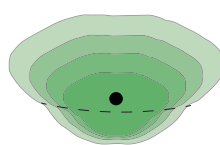
IES Distribution types

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.

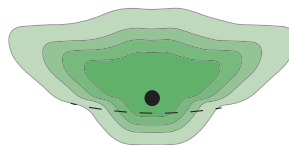
Type 2



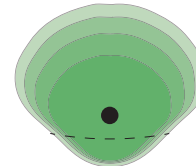
Type 3



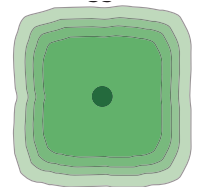
Type 3M



Type 4



Type 5



--- Indicates House Side Shield impact on photometrics



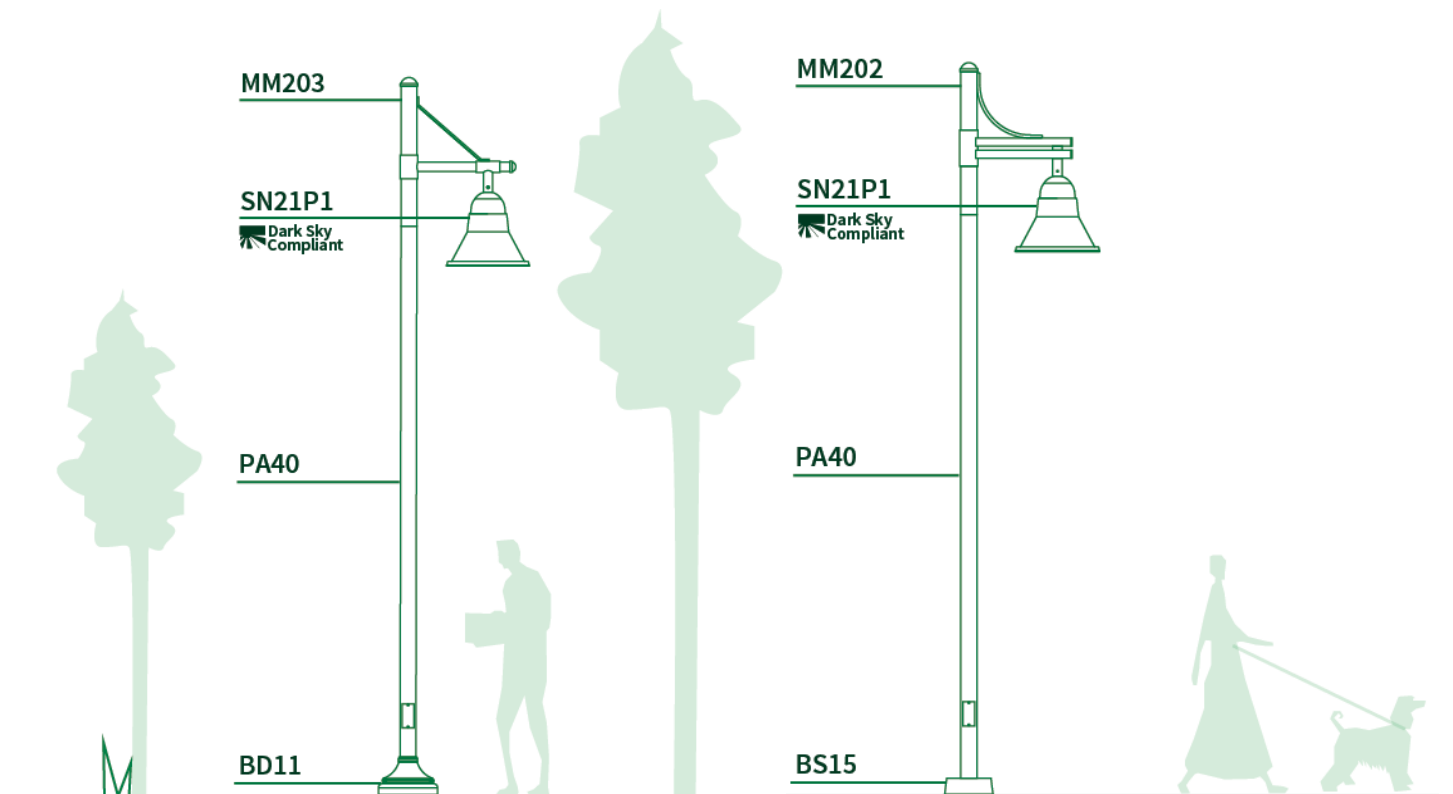
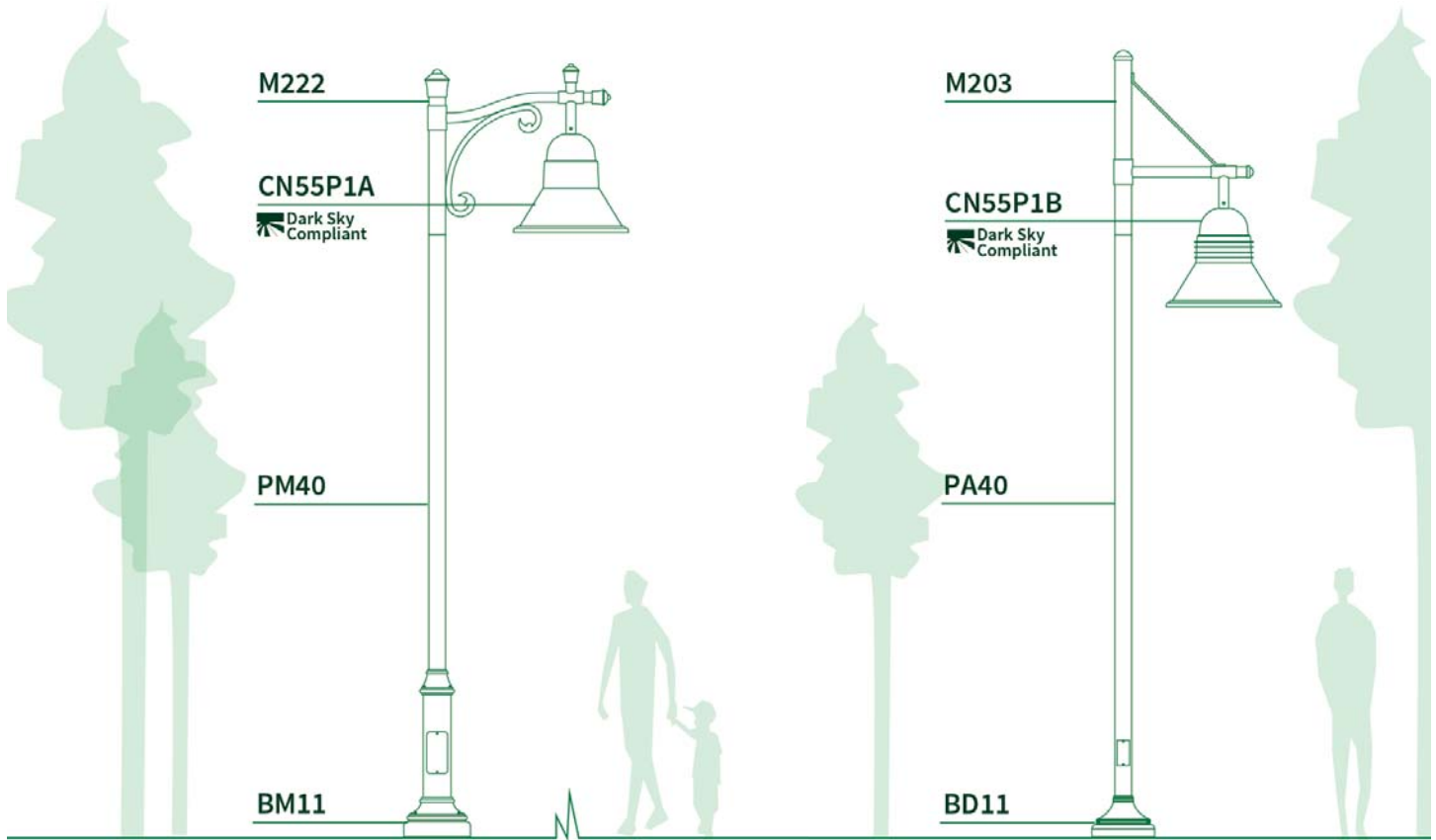
House Side Shield option

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

CN55P1A/CN55P1B

Ordering Template

MODEL	LENS	DIST.	WATT	CCT	VOLT	ADAPTOR	OPTIONS	COLOR	TEXTURE	OP.FIN.
CN55P1A	FGC	2	20W	3K	120	NONE	NONE	BK	TX	MG
CN55P1B	FGF	3	40W	4K	208	ADV	PC ¹	MT	SM ²	
		3M	60W		240		PT ^{1,2}	DG		
		4	80W		277		PTL ^{1,2}	MA		
		5	100W		347		PTDR ^{1,2}	SI ²		
		2HS	120W		480		PX ^{1,2}	BZ		
		3HS					PROG	BG		
		3MHS					SD	GM		
		4HS						PG		
								WH		

¹ONLY ONE OF THESE OPTIONS CAN BE CHOSEN

²FOR CN55P1A AND CN55P2A WITH ADV ADAPTOR

ORDERING CODE



References

LENS

FGC	FLAT GLASS CLEAR
FGF	FLAT GLASS FROST

DISTRIBUTION

HS	INTERNAL HOUSE SHIELD
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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 ²	METALLIC SILVER RAL9006 (SMOOTH ONLY)
BZ	DARK BRONZE RAL8019
BG	BURGUNDY RAL3005
GM	MOSS GREEN RAL6005
PG	PALE GREY RAL7040
WH	WHITE RAL9003

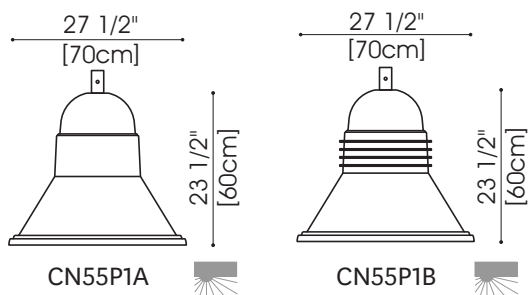
TEXTURE

TX	TEXTURED
SM ²	SMOOTH (METALLIC SILVER RAL9006 ONLY)

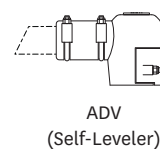
OP.FIN. (OPTIONAL FINISH)

MG	MARINE GRADE PRE-FINISH
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Luminaire



Adaptors



 Dark Sky Compliant



REV. 3: 05/17

Pendant MINI

SN21P1

Ordering Template

MODEL	LENS	DIST.	WATT	CCT	VOLT	ADAPTOR	OPTIONS	COLOR	TEXTURE	OP.FIN.
SN21P1	FGC	2	20W	3K	120	NONE	NONE	BK	TX	MG
		3	40W	4K	208	ADV	PC ²	MT	SM ²	
	FGF	3M	60W		240		PT ^{1,2}	DG		
		4	80W		277		PTL ^{1,2}	MA		
		5	100W		347		PTDR ^{1,2}	SI ²		
		2HS			480		PX ^{1,2}	BZ		
		3HS					PROG	BG		
		3MHS					SD	GM		
		4HS						PG		
									WH	

¹ONLY AVAILABLE WITH ADV ADAPTOR

²ONLY ONE OF THESE OPTIONS COULD BE CHOSEN

ORDERING CODE



References

LENS

FGC	FLAT GLASS CLEAR
FGF	FLAT GLASS FROST

DISTRIBUTION

HS	INTERNAL HOUSE SHIELD
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SEE PHOTOMETRIC PAGE FOR DETAILS

CCT

3K	3000K
4K	4000K

WATT

SEE PHOTOMETRIC PAGE FOR LUMEN OUTPUT

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)
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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

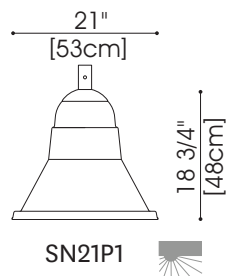
TEXTURE

TX	TEXTURED
SM	SMOOTH

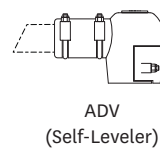
OP.FIN. (OPTIONAL FINISH)

MG	MARINE GRADE PRE-FINISH
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Luminaire



Adaptors



 Dark Sky Compliant



REV. 3: 05/17

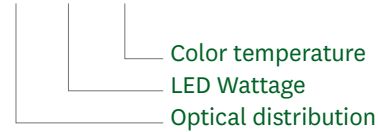
Photometry

CN55P1A/CN55P1B

SOURCE: LED 4000K ± 150K, 70 CRI minimum¹
 WATERPROOF RATING: IP67 optical system
 Dark Sky friendly optical system
 Data based 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 ²	LED CURRENT (mA)	BUG RATING	HID EQUIVALENCY ³
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

Type 3

LED CODE	LUMEN OUTPUT	EFFICACY (LM/W)	WATTAGE LED	WATTAGE SYSTEM ²	LED CURRENT (mA)	BUG RATING	HID EQUIVALENCY ³
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 ²	LED CURRENT (mA)	BUG RATING	HID EQUIVALENCY ³
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

¹IES-TM-21 Calculated L70 is over 363 000 hours.

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

²System wattage includes the LED and the Driver.

³Equivalency 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

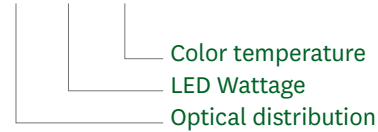
Photometry

CN55P1A/CN55P1B

SOURCE: LED 4000K ± 150K, 70 CRI minimum¹
 WATERPROOF RATING: IP67 optical system
 Dark Sky friendly optical system
 Data based 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 ²	LED CURRENT (mA)	BUG RATING	HID EQUIVALENCY ³
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	1170	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 ²	LED CURRENT (mA)	BUG RATING	HID EQUIVALENCY ³
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

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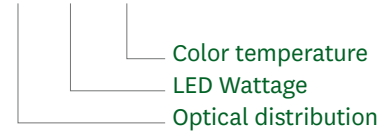
Photometry

SN21P1

SOURCE: LED 4000K ± 150K, 70 CRI minimum¹
 WATERPROOF RATING: IP67 optical system
 Dark Sky friendly optical system
 Data based 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 ²	LED CURRENT (mA)	BUG RATING	HID EQUIVALENCY ³
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

Type 3

LED CODE	LUMEN OUTPUT	EFFICACY (LM/W)	WATTAGE LED	WATTAGE SYSTEM ²	LED CURRENT (mA)	BUG RATING	HID EQUIVALENCY ³
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 ²	LED CURRENT (mA)	BUG RATING	HID EQUIVALENCY ³
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

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¹IES-TM-21 Reported more than 54 000 hours.

²System wattage includes the LED and the Driver.

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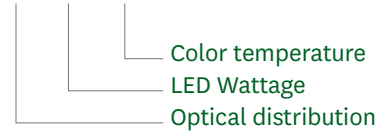
Photometry

SN21P1

SOURCE: LED 4000K ± 150K, 70 CRI minimum¹
 WATERPROOF RATING: IP67 optical system
 Dark Sky friendly optical system
 Data based 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 ²	LED CURRENT (mA)	BUG RATING	HID EQUIVALENCY ³
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 ²	LED CURRENT (mA)	BUG RATING	HID EQUIVALENCY ³
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

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¹IES-TM-21 Reported more than 54 000 hours.

²System wattage includes the LED and the Driver.

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