

Majesta



Majesta DETAILS

Period style combined updated with an “industrial” look, the MAJESTA is available in two sizes and with various decorative shades and adapts exceptionally in both urban and suburban environment. Wether specified with our proprietary ribbed globes or flat glass, Majesta offers outstanding photometric performance.



CO12P1A

EPA: 2.5 FT²
Weight: 34 lbs - 15 kg

CO12P1B



COM12P1A

EPA: 1.4FT²
Weight: 25 lbs - 11 kg

CONSTRUCTION

- Sturdy diecast aluminum housing available with an integrated driver compartment and optional heavy spun aluminum shades
- Certified IP66 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) or static (ADH) adaptors
- CO12P1A tested to conform with 3G vibration test Ainsl C136.31/1

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
- Clear ribbed (DP3AR) or frost (DP3AP) PMMA or clear glass (Dp3GR) ribbed globes
- Flat Clear (FGC) or Frost (FGF) Glass- reduces glare with better uniformity. All lens & optics are fully UV stable
- Dark Sky compliant versions available

FORMATS

- Available Pendant (CO) with a Utility Fitter or Pendant Mini (COM) that features easy tool-free access



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.



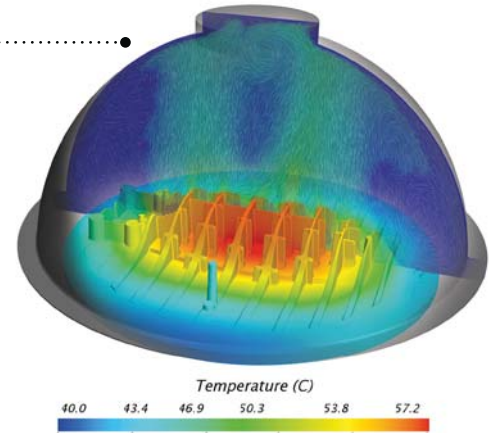
ROBUST DESIGN

- Sealed IP66
- 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

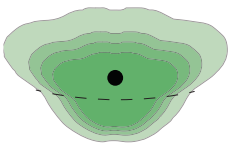
- Modular design allows the GALAXY wattages ranging from 20 to 200W
- Equivalent to 50-400W HID with 60% energy saving
- GALAXY engines are tested & designed for a lifespan of over 100,000 hours
- Tested according to LM79 standard by recognize NVLAP independent laboratories



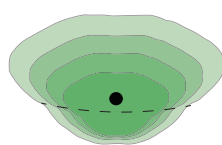
IES Distribution types

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.

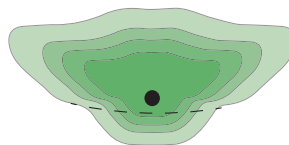
Type 2



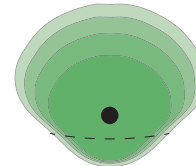
Type 3



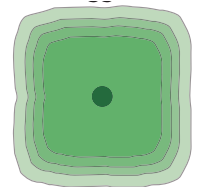
Type 3M



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

Sky LED ENGINE

The standard format Elencia fixtures have a Sky Light engine, which is our mid-sized, 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.



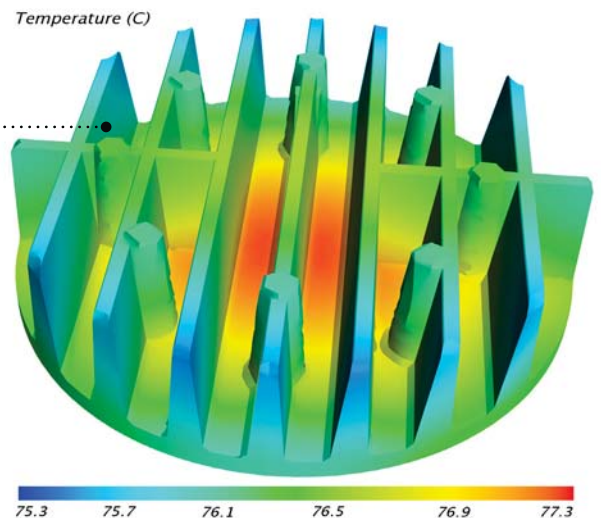
ROBUST DESIGN

- 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 LED diodes with thermal and electric protection for stability and protects it from electrical surge.

COMPACT PERFORMANCE

- Mid-sized, modular design allows the SKY wattages ranging from 34 to 68W
- Equivalent to 70 to 150 W HID with 60% energy saving
- SKY engines are tested & designed for a lifespan of over 100,000 hours
- Tested according to LM79 standard by recognize NVLAP independent laboratories

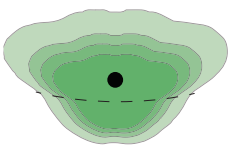
Computational Fluid Dynamics simulation



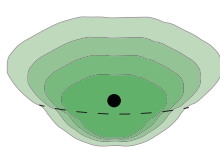
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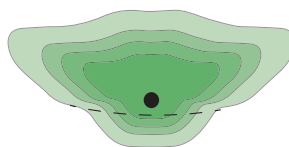
Type 2



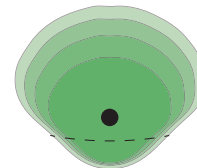
Type 3



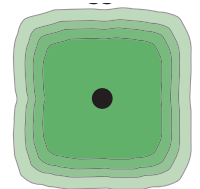
Type 3M



Type 4



Type 5



--- Indicates House Side Shield impact on photometrics

House Side Shield option

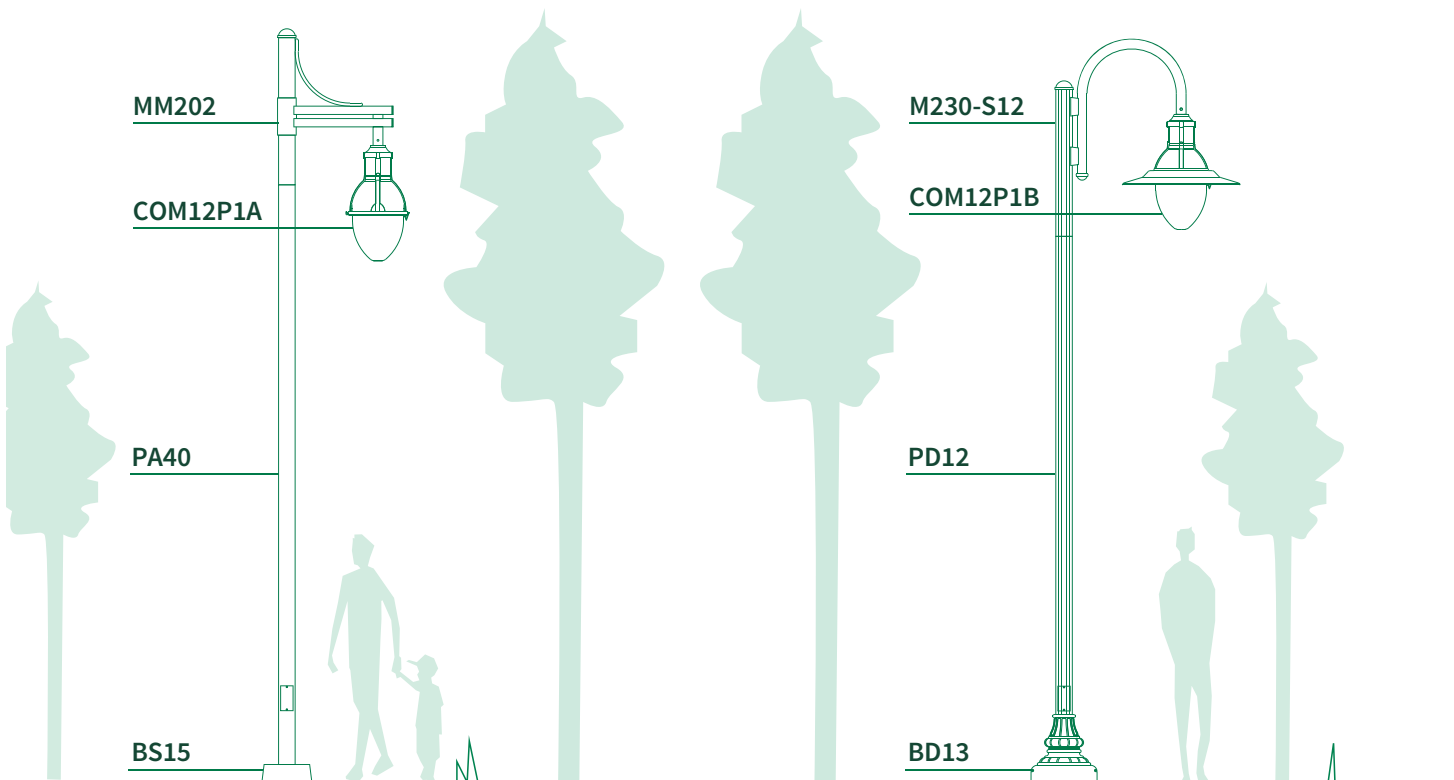
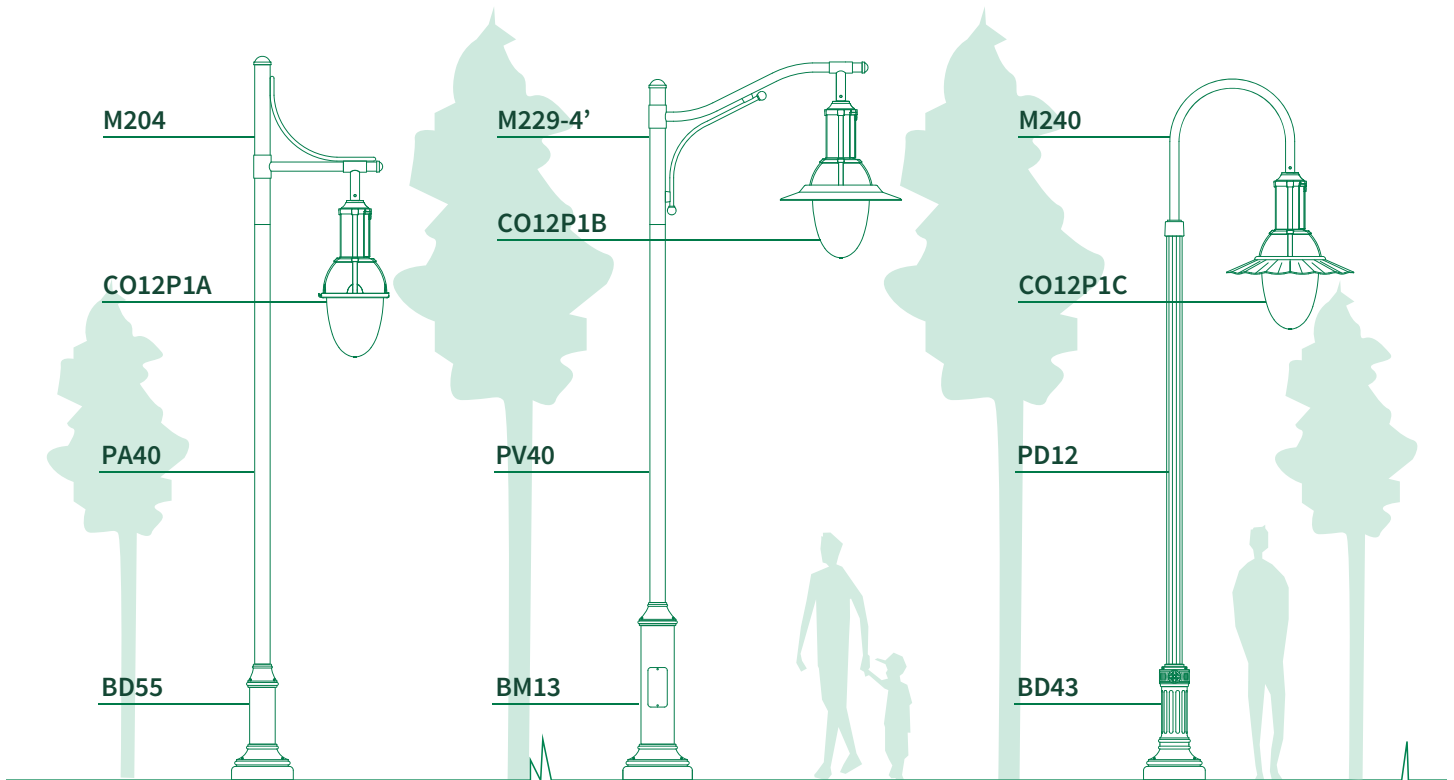
The HOUSE SIDE SHIELD (HS) give you a better back control for those LEED projects where light spill or light trespass are critical. This options can be added post installation.



Please consult website for latest IES files

Luminaire

SCALE GUIDE



Pendant

CO12P1A / CO12P1B / CO12P1C

Ordering Template

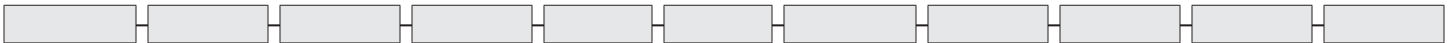
MODEL	LENS	DIST.	WATT	CCT	VOLT	ADAPTOR	OPTIONS	COLOR	TEXTURE	OP.FIN.
CO12P1A	DP3AP	2	20W	3K	120	NONE	NONE	BK	TX	MG
CO12P1B	DP3AR	3	40W	4K	208	ADV	PT ²	MT	SM ³	
CO12P1C	DP3GR ¹	3M	60W		240	ADH	PTL ²	DG		
	FGC	4	80W		277		PTDR ²	MA		
	FGF	5	100W		347 ³		PX ²	SI ³		
		2HS	120W		480 ³		PROG	BZ		
		3HS	140W				SD	BG		
		3MHS	160W					GM		
	4HS	200W					PG			
								WH		

¹LENS DP3GR NOT AVAILABLE WITH TYPE 5

²ONLY ONE OF THESE OPTION CAN BE CHOSEN

³AVAILABLE FOR 20W TO 100W ONLY

ORDERING CODE



References

LENS

DP3AP	GLOBE ACRYLIC POND
DP3AR	GLOBE ACRYLIC RIBBED
DP3GR	GLOBE GLASS RIBBED
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
ADH	DECORATIVE 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 APPLICATIONS AND FOR MORE DETAILS

COLOR

BK	BLACK RAL9005
MT	METALLIC GRAPHITE TEXTURED ONLY (PROPRIETARY FORMULA)
DG	DARK GREEN RAL6012
MA	MARINE BLUE RAL5013
SI ³	METALLIC SILVER RAL9006 (SMOOTH ONLY)
BZ	DARK BRONZE RAL8019
BG	BURGUNDY RAL3005
GM	MOSS GREEN RAL6005
PG	PALE GREY RAL7040
WH	WHITE RAL9003

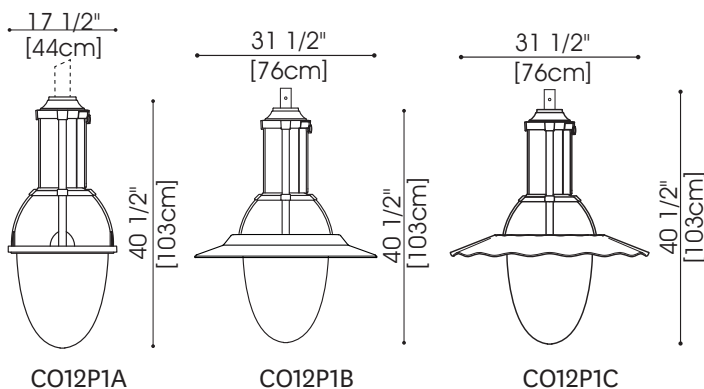
TEXTURE

TX	TEXTURED
SM ³	SMOOTH (METALLIC SILVER RAL9006 ONLY)

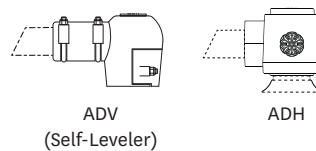
OP.FIN. (OPTIONAL FINISH)

MG	MARINE GRADE PRE-FINISH
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Luminaire



Adaptors



Pendant MINI

COM12P1A/COM12P1B

Ordering Template

MODEL	LENS	DIST.	WATT	CCT	VOLT	OPTIONS	COLOR	TEXTURE	OP.FIN.
COM12P1A	DP2AX	2	34W	3K	120	NONE	BK	TX	MG
COM12P1B		3	50W	4K	208	PC	MT	SM ¹	
		3M	68W		240	PROG	DG		
		4			277		MA		
		5					SI ¹		
		2HS					BZ		
		3HS					BG		
		3MHS					GM		
		4HS					PG		
							WH		

ORDERING CODE



References

LENS

DP2AX GLOBE ACRYLIC RIBBED

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

*CONTACT FACTORY FOR WIRELESS APPLICATIONS AND FOR MORE DETAILS

COLOR

BK BLACK RAL9005
MT METALLIC GRAPHITE TEXTURED ONLY (PROPRIETARY FORMULA)
DG DARK GREEN RAL6012
MA MARINE BLUE RAL5013
SI¹ METALLIC SILVER RAL9006 (SMOOTH ONLY)
BZ DARK BRONZE RAL8019
BG BURGUNDY RAL3005
GM MOSS GREEN RAL6005
PG PALE GREY RAL7040
WH WHITE RAL9003

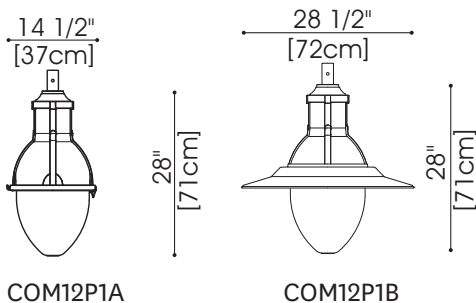
TEXTURE

TX TEXTURED
SM¹ SMOOTH (METALLIC SILVER RAL9006 ONLY)

OP.FIN. (OPTIONAL FINISH)

MG MARINE GRADE PRE-FINISH

Luminaire



Photometry

CO12P1A / CO12P1B / CO12P1C

SOURCE: LED 4000K ± 150K, 70 CRI minimum¹
 WATERPROOF RATING: IP66 optical system
 MAINTENANCE: Tool free utility series fitter

Data based on luminaire using a DP3AR (Ribbed acrylic globe)

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	2575	117	20	22	350	B1-U2-G1	50W
2-40W-4K	4841	108	40	45	700	B1-U2-G1	70W
2-60W-4K	7313	109	60	67	700	B2-U3-G2	100W
2-80W-4K	9785	109	80	90	700	B2-U3-G2	150W
2-100W-4K	12154	109	100	112	700	B3-U3-G3	200W
2-120W-4K	14111	105	120	135	700	B3-U3-G3	250W
2-140W-4K	16480	104	140	158	700	B3-U3-G3	250W
2-160W-4K	19055	106	160	180	700	B3-U3-G3	310W
2-200W-4K	23690	106	200	224	700	B3-U3-G3	400W

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	2624	119	20	22	350	B1-U2-G1	50W
3-40W-4K	4933	110	40	45	700	B1-U2-G2	70W
3-60W-4K	7453	111	60	67	700	B2-U3-G2	100W
3-80W-4K	9972	111	80	90	700	B2-U3-G3	150W
3-100W-4K	12386	111	100	112	700	B3-U3-G3	200W
3-120W-4K	14381	107	120	135	700	B3-U3-G3	250W
3-140W-4K	16795	106	140	158	700	B3-U3-G3	250W
3-160W-4K	19419	108	160	180	700	B3-U3-G4	310W
3-200W-4K	24143	108	200	224	700	B3-U3-G4	400W

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	2545	116	20	22	350	B1-U2-G2	50W
3M-40W-4K	4784	106	40	45	700	B2-U2-G3	70W
3M-60W-4K	7226	108	60	67	700	B2-U2-G4	100W
3M-80W-4K	9669	107	80	90	700	B3-U3-G4	150W
3M-100W-4K	12010	107	100	112	700	B3-U3-G5	200W
3M-120W-4K	13944	103	120	135	700	B3-U3-G5	250W
3M-140W-4K	16285	103	140	158	700	B3-U3-G5	250W
3M-160W-4K	18829	105	160	180	700	B3-U3-G5	310W
3M-200W-4K	23410	105	200	224	700	B4-U3-G5	400W

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

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

²System wattage includes the LED and the Driver.

³Equivalency should always be verified by photometric layout.

⁴4000K 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

CO12P1A / CO12P1B / CO12P1C

SOURCE: LED 4000K ± 150K, 70 CRI minimum¹
 WATERPROOF RATING: IP66 optical system
 MAINTENANCE: Tool free utility series fitter

Data based on luminaire using a DP3AR (Ribbed acrylic globe)

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	2471	112	20	22	350	B1-U2-G1	50W
4-40W-4K	4646	103	40	45	700	B1-U2-G2	70W
4-60W-4K	7018	105	60	67	700	B2-U2-G2	100W
4-80W-4K	9390	104	80	90	700	B2-U3-G3	150W
4-100W-4K	11664	104	100	112	700	B3-U3-G3	200W
4-120W-4K	13542	100	120	135	700	B3-U3-G3	250W
4-140W-4K	15815	100	140	158	700	B3-U3-G3	250W
4-160W-4K	18287	102	160	180	700	B3-U3-G4	310W
4-200W-4K	22735	101	200	224	700	B3-U3-G4	400W

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	2725	124	20	22	350	B2-U2-G1	50W
5-40W-4K	5123	114	40	45	700	B3-U2-G2	70W
5-60W-4K	7739	116	60	67	700	B3-U2-G2	100W
5-80W-4K	10354	115	80	90	700	B4-U3-G3	150W
5-100W-4K	12861	115	100	112	700	B4-U3-G3	200W
5-120W-4K	14932	111	120	135	700	B4-U3-G3	250W
5-140W-4K	17439	110	140	158	700	B4-U3-G4	250W
5-160W-4K	20164	112	160	180	700	B4-U3-G4	310W
5-200W-4K	25068	112	200	224	700	B5-U3-G4	400W

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

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

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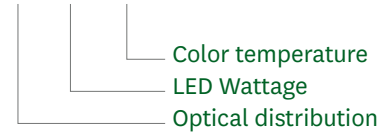
COM12P1A / COM12P1B

SOURCE: LED 4000K ± 150K, 70 CRI minimum¹
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Data based on luminaire using a DP3AR (Ribbed acrylic globe)

LED code definition:

2 - 34W - 4K



GLOBE DP2AX

LED CODE	LUMEN OUTPUT	EFFICACY (LM/W)	WATTAGE LED	WATTAGE SYSTEM ²	LED CURRENT (mA)	BUG RATING	HID EQUIVALENCY ³
2-34W-4K	4501	118	34	38	350	B1-U3-G2	70W
3-34W-4K	4799	126	34	38	350	B1-U3-G2	70W
3M-34W-4K	4941	130	34	38	350	B1-U3-G3	70W
4-34W-4K	4776	126	34	38	350	B1-U3-G2	70W
5-34W-4K	5051	133	34	38	350	B3-U3-G2	70W
2-50W-4K	6252	108	50	58	530	B1-U3-G2	100W
3-50W-4K	6736	116	50	58	530	B1-U3-G2	100W
3M-50W-4K	6934	120	50	58	530	B2-U3-G3	100W
4-50W-4K	6704	116	50	58	530	B1-U3-G3	100W
5-50W-4K	7089	122	50	58	530	B3-U3-G3	100W
2-68W-4K	7816	99	68	79	700	B2-U3-G2	150W
3-68W-4K	8419	107	68	79	700	B2-U3-G3	150W
3M-68W-4K	8668	110	68	79	700	B2-U3-G4	150W
4-68W-4K	8380	106	68	79	700	B2-U3-G3	150W
5-68W-4K	8861	112	68	79	700	B3-U3-G3	150W

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

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