



Wherever it is installed, **Domus** LED post top creates harmony. Whether you are paring it with the rest of the Domus family or using it on its own in your projects, the **Domus 60** becomes an integral part of the landscape design.

Project: _____

Location: _____

Cat.No: _____

Type: _____

Lamps: _____ Qty: _____

Notes: _____

Ordering guide

example: DMS60-C-196L1650NW-G2-3-UNV-DMG-FN2-BKTX

Series	LED module	Gen.	Optical system	Voltage	Driver	Options				Poles / Brackets	Finish
						Receptacle	Control	Luminaire	Decorative		
DMS60-C		G2			DMG						
DMS60-C	3000K	G2 Gen2	1 Type I (ASYM)	UNV 120- 277VAC	DMG 0-10V	RC ² Receptacle for twist-lock photocell or shorting cap, 3-pin	PH8 ³ Twist-lock Photoelectric Cell PH9 ³ Shorting cap PHXL ^{1,3} Twist-lock Photoelectric Cell, extended life, UNV (120-277VAC)	SP2 20kW/10kA Surge Protector	FN2 Decorative finial	Visit us online at Signify.com/ luminaires for details and the complete line of poles and brackets.	Textured
	196L450WW		2 Type II (ASYM)	347 347VAC					FN3 Decorative finial		BE2TX Midnight Blue
	196L1150WW		3 Type III (ASYM)	480 480VAC					FN4 Decorative finial		BE6TX Ocean Blue
	196L1675WW		4 Type IV (ASYM)						FN6 Decorative finial		BE8TX Royal Blue
	196L2100WW		5 Type V (SYMM)						FN8 Decorative finial		BG2TX Sandstone
	4000K								FN9 Decorative finial		BKTX Black
	196L450NW								FNC Finial Painted Copper		BRTX Bronze
	196L650NW								TN2.87 2 7/8" (73mm) O.D. 4" (102mm) long tenon		GN4TX Blue Green
	196L1150NW								TN3 Fitter to fit over 3" (76mm) O.D. 4" (102mm) long tenon		GN6TX Forest Green
	196L1675NW								TN3.5 Fitter to fit over 3 1/2" (89mm) O.D. 4" (102mm) long tenon		GN8TX Dark Forest Green
	196L2100NW										GNTX Green
											GY3TX Medium Grey
											RD2TX Burgundy
											RD4TX Scarlet
											WHTX White
											Other
											GR Gray Sandtex
											NP Natural Aluminum
											TG Hammerstone Gold

1. Not available with 347V and 480V.

2. Use of photoelectric cell or shorting cap is required to ensure proper illumination.

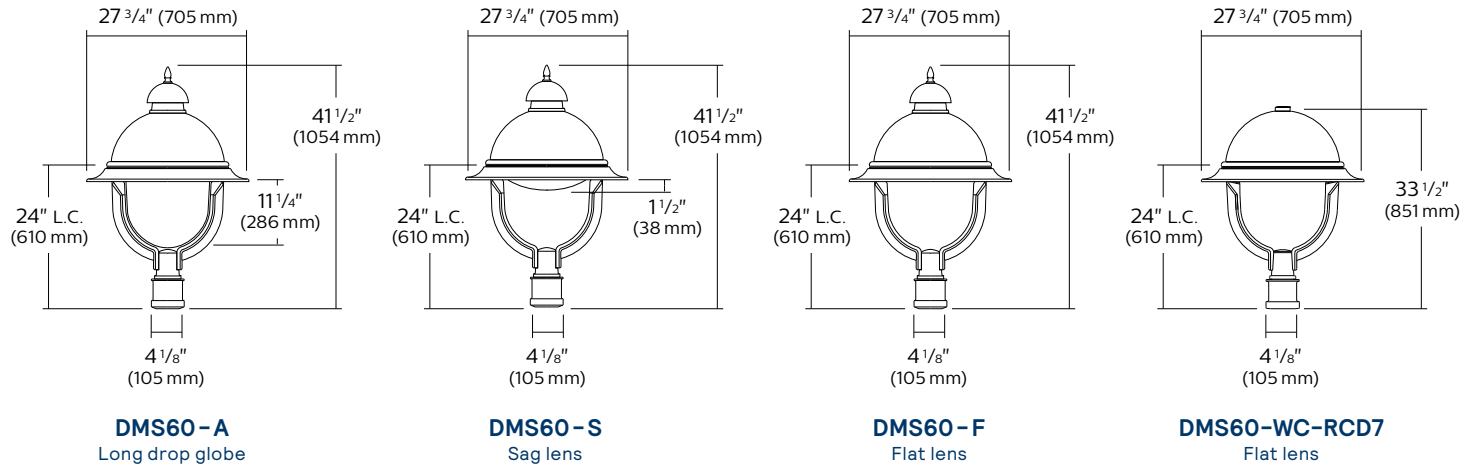
DMS60 Domus LED Post Top

Urban Luminaire

Dimensions

EPA: 2.6 ft² max.

Weight: 40 lbs (18.2kg) max.



3000K Lumen Values

Ordering Code	Total LEDs	LED current (mA)	Ave. System Wattage (W)	Type 1			Type 2			Type 3		
				Lumen Output	Efficacy (LPW)	BUG Rating	Lumen Output	Efficacy (LPW)	BUG Rating	Lumen Output	Efficacy (LPW)	BUG Rating
196L450WW-G2	196	450	21	1971	94	B1-U0-G1	1989	95	B1-U0-G1	2114	101	B1-U0-G1
196L650WW-G2	196	650	30	2787	93	B2-U0-G2	2625	88	B1-U0-G1	2790	93	B1-U0-G1
196L1150WW-G2	196	1150	51	4871	96	B3-U0-G3	4587	90	B2-U0-G2	4875	96	B2-U0-G2
196L1675WW-G2	196	1675	74	6744	90	B3-U0-G3	6351	85	B3-U0-G3	6750	90	B2-U0-G2
196L2100WW-G2	196	2100	94	8227	88	B3-U0-G3	7748	82	B3-U0-G3	8235	88	B3-U0-G3

Ordering Code	Total LEDs	LED current (mA)	Ave. System Wattage (W)	Type 4			Type 5		
				Lumen Output	Efficacy (LPW)	BUG Rating	Lumen Output	Efficacy (LPW)	BUG Rating
196L450WW-G2	196	450	21	2189	104	B1-U0-G1	2051	98	B1-U0-G1
196L650WW-G2	196	650	30	2889	96	B1-U0-G1	2900	97	B2-U0-G1
196L1150WW-G2	196	1150	51	5048	99	B2-U0-G2	5068	99	B3-U0-G1
196L1675WW-G2	196	1675	74	6989	93	B2-U0-G2	7018	94	B3-U0-G2
196L2100WW-G2	196	2100	94	8527	91	B2-U0-G2	8561	91	B3-U0-G2

4000K Lumen Values

Ordering Code	Total LEDs	LED current (mA)	Ave. System Wattage (W)	Type 1			Type 2			Type 3		
				Lumen Output	Efficacy (LPW)	BUG Rating	Lumen Output	Efficacy (LPW)	BUG Rating	Lumen Output	Efficacy (LPW)	BUG Rating
196L450NW-G2	196	450	21	2050	98	B1-U0-G1	2069	99	B1-U0-G1	2199	105	B1-U0-G1
196L650NW-G2	196	650	30	2899	97	B2-U0-G2	2730	91	B1-U0-G1	2901	97	B1-U0-G1
196L1150NW-G2	196	###	51	5065	99	B2-U0-G2	4770	94	B2-U0-G2	5070	99	B2-U0-G2
196L1675NW-G2	196	###	74	7014	94	B3-U0-G3	6605	88	B3-U0-G3	7020	94	B2-U0-G2
196L2100NW-G2	196	###	94	8556	91	B3-U0-G3	8058	86	B3-U0-G3	8564	91	B3-U0-G3

Ordering Code	Total LEDs	LED current (mA)	Ave. System Wattage (W)	Type 4			Type 5		
				Lumen Output	Efficacy (LPW)	BUG Rating	Lumen Output	Efficacy (LPW)	BUG Rating
196L450NW-G2	196	450	21	2277	108	B1-U0-G1	2133	102	B1-U0-G1
196L650NW-G2	196	650	30	3004	100	B1-U0-G1	3016	101	B2-U0-G1
196L1150NW-G2	196	###	51	5250	103	B2-U0-G2	5271	103	B3-U0-G1
196L1675NW-G2	196	###	74	7269	97	B2-U0-G2	7298	97	B3-U0-G2
196L2100NW-G2	196	###	94	8868	94	B2-U0-G2	8904	95	B3-U0-G2

Actual performance may vary due to installation variables including optics, mounting/ceiling height, dirt depreciation, light loss factor, etc.; highly recommended to confirm performance with a layout - contact Applications at signify.com/outdoorluminaires. Consult DLC QPL to confirm your specific fixture selection is DLC approved. Note: Some data may be scaled based on tests of similar but not identical luminaires.

DMS60 Domus LED Post Top

Urban Luminaire

Specifications

Housing

In a round shape, this housing is made of die cast A380 aluminum, c/w a watertight grommet, mechanically assembled to the bracket with four bolts 5/16 18 UNC. This suspension system permits for a full rotation of the luminaire in 90° increments.

Access-mechanism

A die cast A360 aluminum technical ring with latch, hinge and a cast in decorative skirt. The mechanism shall offer tool free access to the inside of the luminaire. An embedded memory retentive gasket shall ensure weatherproofing.

Light engine

Light guide technology provides low-glare, uniform illumination. Composed of 196 LEDs strategically positioned on the edge of the optical plate. Light engine luminous opening size optimized to best achieve a balance between lumen output and optical performance with the need to provide visual comfort. Light engine frame ensures contact with housing to provide heat conduction and sealing against the elements. Light engine is RoHS compliant. Maximum ambient operating temperature up to 40°C (104°F). Standard color temperatures: 3000K +/- 130K, 4000K +/- 130K, Minimum CRI of 80. Also available in 2700K, 3500K, 5000K and Amber (>590nm) with extended lead times. Contact factory for details.

Optical System

The advanced LED comfort optical system provides Types 1, 2, 3, 4 and 5. Composed of high performance UV-stabilized optical grade lens with molded micro-optics to achieve desired distribution optimized to get a exceptional lighting uniformity. Performance tested per LM-79 and TM-15 (IESNA) certifying its photometric performance. Street side indicated luminaire designed with 0% uplight (U0 per IESNA TM-15).

Driver

High power factor of 95%. Electronic driver, operating range 50/60 Hz. Auto adjusting universal voltage input from 120 to 277 and 347 to 480 VAC rated for both application line to line or line to neutral, Class 2, THD of 20% max. Maximum ambient operating temperature from 40°F (40°C) to 130°F (50°C). Certified in compliance to UL1310 cULus requirement. Dry and damp location.

LED Performance

Predicted lumen depreciation data				
Ambient Temperature (°C)	Driver (mA)	Calculated L ₇₀ hours	L ₇₀ per TM-21	Lumen Maintenance % @ 60,000 hours
25°C	up to 2100 mA	>100,000	>60,000	>83%

Predicted performance derived from LED manufacturer's data and engineering design estimates, based on IESNA LM-80 methodology. Actual experience may vary due to field application conditions. L₇₀ is the predicted time when LED performance depreciates to 70% of initial lumen output. Calculated per IESNA TM21-11. Published L₇₀ hours limited to 6 times actual LED test hours.

Assembled on a unitized removable tray with Tyco quick disconnect plug resisting to 221°F (105°C). Dimmable driver 0-10V. The current supplying the LEDs will be reduced by the driver if the driver experiences internal overheating as a protection to the LEDs and the electrical components. Output is protected from short circuits, voltage overload and current overload. Automatic recovery after correction. Standard built in driver surge protection of 2.5kV (min) with DALI or CDMG, driver is class 1.

Surge Protection

Surge protector tested in accordance with ANSI/IEEE C62.45 per ANSI/IEEE C62.41.2 Scenario I Category C High Exposure 10kV/10kA waveforms for Line Ground, Line Neutral and Neutral Ground, and in accordance with U.S. DOE (Department of Energy) MSSLC (Municipal Solid State Street Lighting Consortium) model specification for LED roadway luminaires electrical immunity requirements for High Test Level 10kV / 10kA. SP2 20kV/10kA optional.

Driver options

DMG: Dimmable driver 0-10V.

Fitter

Cast 356 aluminum c/w 4 set screws 3/8 16 UNC. This fitter holds 2 arms made of cast aluminum 356 mechanically assembled. Slip fits on a 4" (102mm) outside diameter X 4" (102mm) long tenon.

Wiring

Gauge (#14) TEW/AWM 1015 or 1230 wires, 6" (152mm) minimum exceeding from luminaire.

Hardware

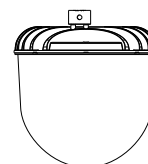
All exposed screws shall be complete with Ceramic primer-seal base coat to reduce seizing of the parts and offers a high resistance to corrosion. All seals and sealing devices are made and/or lined with EPDM and/or silicone and/or rubber.

Lens

LExF / LExS: Made of soda lime tempered glass lens, mechanically assembled and sealed onto the lower part of the heat sink.

LExA (Globe): Made of one-piece seamless injection-molded impact-resistant (DR) acrylic having an inner prismatic surface. The globe is mechanically assembled and sealed onto the lower part of the heat sink.

Prismatic globe: IP66 rated optical system, composed of individual pre-oriented lens to achieve desired distribution, assembled with globe having an inner prismatic surface permanently sealed onto the lower part of the heat sink.

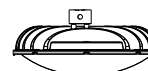


LE2A - Type II (ASYM) with globe (ACDR)

LE3A - Type III (ASYM) with globe (ACDR)

LE4A - Type IV (ASYM) with globe (ACDR)

Sag lens: IP66 rated optical system, composed of individual pre-oriented lens to achieve desired distribution, assembled with a tempered-glass sag lens permanently sealed onto the lower part of the heat sink.



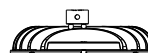
LE2S - Type II (ASYM) Sag glass lens

LE3S - Type III (ASYM) Sag glass lens

LE4S - Type IV (ASYM) Sag glass lens

LE5S - Type V (SYMM) Sag glass lens

Flat lens: IP66 rated optical system, composed of individual pre-oriented lens to achieve desired distribution, assembled with a tempered-glass flat lens permanently sealed onto the lower part of the heat sink.



LE2F - Type II (ASYM) Flat glass lens

LE3F - Type III (ASYM) Flat glass lens

LE4F - Type IV (ASYM) Flat glass lens

LE5F - Type V (SYMM) Flat glass lens

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Urban Luminaire

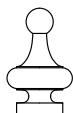
Specifications (continued)

Luminaire options

FN2: Decorative finial



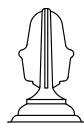
FN3: Decorative finial



FN4: Decorative finial



FN6: Decorative finial



FN8: Decorative finial



FN9: Decorative finial

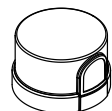


FNC: Finial painted copper

HS: House side shield

OVR: Override function

PH8: Photoelectric Cell,
Twist-lock Type.
Allows a 90° rotation.



PH9: Shorting cap, Twist-lock Type

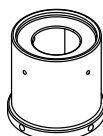
PHXL: Extended life photoelectric cell,
Twist-lock Type.
Allows a 90° rotation.



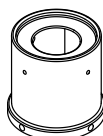
RCD7: Receptacle 7 pin



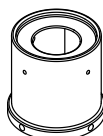
TN2.875: 2-7/8" dia. Tenon adaptor



TN3: 3" dia. Tenon adaptor



TN3.5: 3-1/2" dia. Tenon adaptor



SP2: Integral surge protector

WC: Without Cupola

Finish

In accordance with the AAMA 2603 standard. Application of polyester powder coat paint (4 mils/100 microns) with +/- 1 mils/24 microns of tolerance. The Thermosetting resins provides a discoloration resistant finish in accordance with the ASTM D2244 standard, as well as luster retention in keeping with the ASTM D523 standard and humidity proof in accordance with the ASTM D2247 standard. The surface treatment achieves a minimum of 2000 hours for salt spray resistant finish in accordance with testing performed and per ASTM B117 standard.

Finish Options Include:

BE2TX: Textured Midnight Blue
BE6TX: Textured Ocean Blue
BE8TX: Textured Royal Blue
BG2TX: Textured Sandstone
BKTX: Textured Black
BRTX: Textured Bronze
GN4TX: Textured Blue Green
GN6TX: Textured Forest Green
GN8TX: Textured Dark Forest Green
GNTX: Textured Green
GR: Gray Sandtex
GY3TX: Textured Medium Grey
NP: Natural Aluminum
RD2TX: Textured Burgundy
RD4TX: Textured Scarlet
TG: Hammer-tone Gold
WHTX: Textured White

LED products (manufacturing standard)

The electronic components sensitive to electrostatic discharge (ESD) such as light emitting diodes (LEDs) are assembled in compliance with IEC61340 5 1 and ANSI/ESD S20.20 standards so as to eliminate ESD events that could decrease the useful life of the product.

Quality control

Manufactured to ISO 9001 2015 standards and ISO 14001-2015 International Quality Standards Certification.

Certifications and Compliance

cULus Listed for Canada and USA.

