



Wherever it is installed, **Domus** LED post top creates harmony. Whether you are pairing 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: DMS60-72W32LED4K-T-ACDR-LE3F-120-DMG-RC-BKTX

Series	LED module	Gen	Globe material	Optical system	Voltage	Driver options
DMS60		G3				
DMS60 Domus	4000K 35W32LED4K 55W32LED4K 55W48LED4K 72W32LED4K 80W48LED4K 3000K 35W32LED3K 55W32LED3K 55W48LED3K 72W32LED3K 80W48LED3K	G3	ACDR Acrylic globe	Globe LE2A ⁴ Type II (ASYM) with globe LE3A ⁴ Type III (ASYM) with globe LE4A ⁴ Type IV (ASYM) with globe Sag lens LE2S Type II (ASYM) Sag glass lens LE3S Type III (ASYM) Sag glass lens LE4S Type IV (ASYM) Sag glass lens LE5S ¹ Type V (SYMM) Sag glass lens Flat lens LE2F Type II (ASYM) Flat glass lens LE3F Type III (ASYM) Flat glass lens LE4F Type IV (ASYM) Flat glass lens LE5F ¹ Type V (SYMM) Flat glass lens	120 120V 208 208V 240 240V 277 277V 347 347V 480 480V	AST ² Pre-set, progressive start-up CLO ² Pre-set, manage lumen depreciation DALI ² Pre-set, compatible with the DALI control system Otl ² Pre-set to signal end of life of the lamp DMG 0-10V CDMGE25 ² 8 hrs. 25% reduction CDMGE50 ² 8 hrs. 50% reduction CDMGE75 ² 8 hrs. 75% reduction CDMGM25 ² 6 hrs. 25% reduction CDMGM50 ² 6 hrs. 50% reduction CDMGM75 ² 6 hrs. 75% reduction CDMGS25 ² 4 hrs. 25% reduction CDMGS50 ² 4 hrs. 50% reduction CDMGS75 ² 4 hrs. 75% reduction SRD ² Sensor ready driver, standard configuration SRD1 ² Sensor ready driver, alternate configuration

Ordering guide (continued)

Luminaire options			Poles & Brackets	Finish
BO Bridge and Overpass	PH7 Photoelectric cell, bottom type		Consult signify.com/ outdoorluminaires for details and the complete line of Signify poles and brackets.	BE2TX Textured midnight blue
DE1 Decorative deflector	PH8 ^{2,4,6} Photoelectric cell			BE6TX Textured ocean blue
FN2 ⁶ Decorative finial	PH9 ^{2,4,6} Shorting cap			BE8TX Textured royal blue
FN3 ⁶ Decorative finial	PHXL ^{2,4,6} Photoelectric cell, extended life			BG2TX Textured Sandstone
FN4 ⁶ Decorative finial	RCD7 ^{2,5} Receptacle 7 pins			BKTX Textured black
FN6 ⁶ Decorative finial	SP2 Surge protector			BRTX Textured bronze
FN8 ⁶ Decorative finial				GN4TX Textured blue green
FN9 ⁶ Decorative finial				GN6TX Textured forest green
HS ⁶ House side shield				GN8TX Textured Dk forest green
WC ⁵ without cupola				GNTX Textured green
			GR Gray sandtex	
			GY3TX Textured medium grey	
			NP Natural aluminum	
			RD2TX Textured burgundy	
			RD4TX Textured scarlet	
			TG Hammertone gold	
			WHTX Textured white	

Footnotes

1. Not available with **HS** option.
2. Not available 347-480 volt.
3. Use of photoelectric cell or shorting cap is required to ensure proper illumination.
4. Globe Material **ACDR** is required with this optical system.
5. If **RCD7** is required you need to select **WC** without cupola. The **RCD7** is located on top of the roof in place of the cupola for use with a control node.
6. Not available with **WC** option.



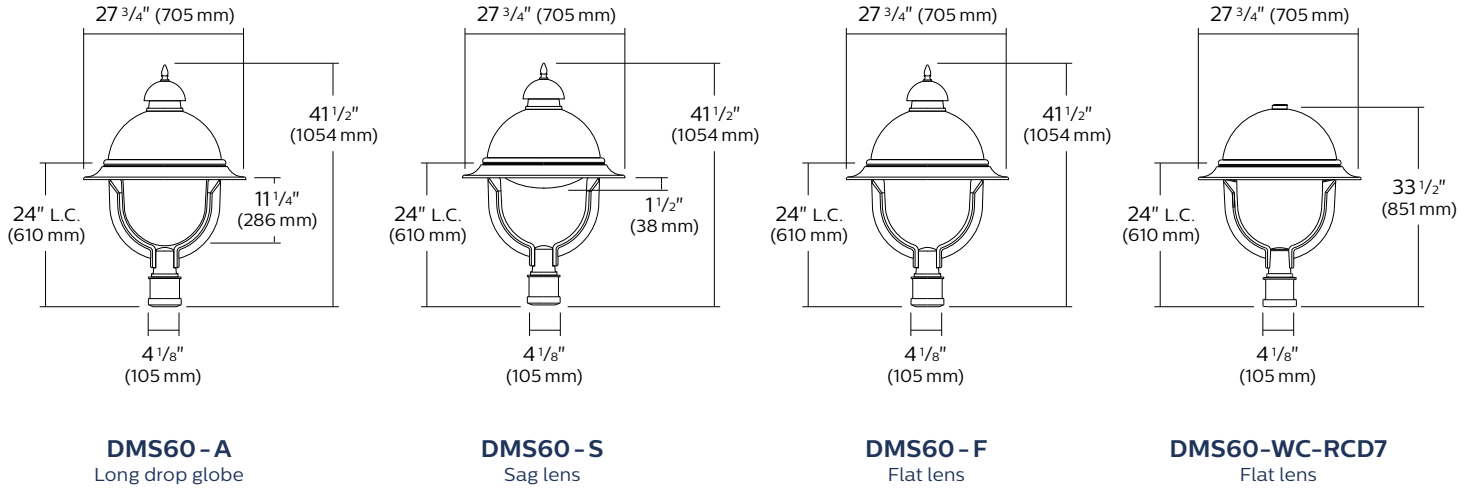
DMS60 Domus LED Post Top

Urban Luminaire

Dimensions

EPA: 2.6 ft² max.

Weight: 40 lbs (18.2kg) max.



Predicted Lumen Depreciation Data

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.

Ambient Temperature °C	Driver mA	Calculated L ₇₀ Hours	L ₇₀ per TM-21	Lumen Maintenance % at 60,000 hrs
35°C	700 mA	>100,000 hours	>60,000 hours	>87%

DMS60 Domus LED Post Top

Urban Luminaire

LED Wattage and Lumen Values: for DMS60

Ordering Code:	Total LEDs	LED current (mA)	Average System Wattage (W)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)
Flat Lens 3000K															
				LE2F			LE3F			LE4F			LE5F		
35W32LED3K-G3-x	32	350	37	4031	B1-U0-G1	109	4051	B1-U0-G1	109	4101	B1-U0-G1	111	4035	B3-U0-G3	109
55W32LED3K-G3-x	32	530	55	5783	B1-U0-G1	105	5812	B1-U0-G1	106	5883	B1-U0-G2	107	5789	B3-U0-G3	105
72W32LED3K-G3-x	32	700	71	7293	B2-U0-G1	103	7329	B1-U0-G1	103	7419	B1-U0-G2	104	7300	B3-U0-G3	103
55W48LED3K-G3-x	48	350	53	6047	B1-U0-G1	114	6077	B1-U0-G1	115	6151	B1-U0-G2	116	6053	B3-U0-G3	114
80W48LED3K-G3-x	48	530	80	8674	B2-U0-G1	108	8718	B2-U0-G2	109	8824	B2-U0-G2	110	8683	B3-U0-G3	109
Flat Lens 4000K															
				LE2F			LE3F			LE4F			LE5F		
35W32LED4K-G3-x	32	350	37	4233	B1-U0-G1	114	4254	B1-U0-G1	115	4306	B1-U0-G1	116	4237	B3-U0-G3	115
55W32LED4K-G3-x	32	530	55	6073	B1-U0-G1	110	6103	B1-U0-G1	111	6178	B1-U0-G2	112	6079	B3-U0-G3	111
72W32LED4K-G3-x	32	700	71	7657	B2-U0-G1	108	7696	B1-U0-G2	108	7790	B1-U0-G2	110	7665	B3-U0-G3	108
55W48LED4K-G3-x	48	350	53	6349	B1-U0-G1	120	6381	B1-U0-G1	120	6459	B1-U0-G2	122	6356	B3-U0-G3	120
80W48LED4K-G3-x	48	530	80	9108	B2-U0-G1	114	9154	B2-U0-G2	114	9265	B2-U0-G2	116	9117	B3-U0-G3	114
Sag Lens 3000K															
				LE2S			LE3S			LE4S			LE5S		
35W32LED3K-G3-x	32	350	37	4053	B1-U2-G1	110	4090	B1-U1-G1	111	4146	B1-U1-G1	112	4120	B3-U1-G3	111
55W32LED3K-G3-x	32	530	55	5815	B1-U2-G1	106	5868	B1-U2-G1	107	5947	B1-U2-G2	108	5911	B3-U2-G3	107
72W32LED3K-G3-x	32	700	71	7332	B2-U2-G1	103	7400	B1-U2-G2	104	7500	B1-U2-G2	106	7454	B3-U2-G3	105
55W48LED3K-G3-x	48	350	53	6080	B1-U2-G1	115	6135	B1-U2-G1	116	6218	B1-U2-G2	117	6181	B3-U2-G3	117
80W48LED3K-G3-x	48	530	80	8721	B2-U2-G1	109	8801	B1-U2-G2	110	8920	B1-U2-G2	112	8866	B3-U2-G3	111
Sag Lens 4000K															
				LE2S			LE3S			LE4S			LE5S		
35W32LED4K-G3-x	32	350	37	4256	B1-U2-G1	115	4295	B1-U2-G1	116	4353	B1-U2-G1	118	4326	B3-U1-G3	117
55W32LED4K-G3-x	32	530	55	6106	B1-U2-G1	111	6162	B1-U2-G1	112	6245	B1-U2-G2	114	6207	B3-U2-G3	113
72W32LED4K-G3-x	32	700	71	7699	B2-U2-G1	108	7770	B1-U2-G2	109	7875	B1-U2-G2	111	7827	B3-U2-G3	110
55W48LED4K-G3-x	48	350	53	6384	B1-U2-G1	120	6442	B1-U2-G1	122	6529	B1-U2-G2	123	6490	B3-U2-G3	122
80W48LED4K-G3-x	48	530	80	9157	B2-U2-G2	114	9241	B2-U2-G2	116	9366	B1-U2-G2	117	9309	B4-U2-G4	116
Prism Globe 3000K															
				LE2A			LE3A			LE4A					
35W32LED3K-G3-x	32	350	37	3945	B1-U3-G1	107	3995	B1-U2-G1	108	4080	B1-U2-G1	110	--	--	--
55W32LED3K-G3-x	32	530	54	5660	B1-U3-G1	105	5731	B1-U3-G1	106	5853	B1-U3-G2	108	--	--	--
72W32LED3K-G3-x	32	700	73	7137	B1-U3-G1	98	7227	B1-U3-G2	99	7380	B1-U3-G2	101	--	--	--
55W48LED3K-G3-x	48	350	54	5918	B1-U3-G1	110	5992	B1-U3-G1	111	6119	B1-U3-G2	113	--	--	--
80W48LED3K-G3-x	48	530	80	8489	B2-U3-G2	106	8596	B2-U3-G2	107	8778	B2-U3-G2	110	--	--	--
Prism Globe 4000K															
				LE2A			LE3A			LE4A					
35W32LED4K-G3-x	32	350	37	4143	B1-U3-G1	112	4195	B1-U2-G1	113	4284	B1-U2-G1	116	--	--	--
55W32LED4K-G3-x	32	530	54	5943	B1-U3-G1	110	6018	B1-U3-G1	111	6145	B1-U3-G2	114	--	--	--
72W32LED4K-G3-x	32	700	73	7494	B1-U3-G1	103	7589	B1-U3-G2	104	7749	B1-U3-G2	106	--	--	--
55W48LED4K-G3-x	48	350	54	6214	B1-U3-G1	115	6292	B1-U3-G2	117	6425	B1-U3-G2	119	--	--	--
80W48LED4K-G3-x	48	530	80	8913	B2-U3-G2	111	9026	B2-U3-G2	113	9217	B2-U3-G2	115	--	--	--

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/outdoorluminares.
Note: Some data may be scaled based on tests of similar. But not identical luminaires.

Specifications

Housing

Finial: Decorative cast 356 aluminum, mechanically assembled.

Cupola: Decorative spun aluminum 1100 O, mechanically mounted on hood.

Hood: Spun aluminum 1100 O dome, mechanically assembled on the luminaire.

Guard: With 2 cast aluminum 356 arms, this guard is welded to the fitter and to the access mechanism.

Skirt: Spun 1100 O aluminum, mechanically assembled on the luminaire.

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

LED engine composed of 5 main components:
Heat Sink / Lens / LED lamp / Driver / Optical System

Electrical components are RoHS compliant.

LED engine

LED type: Lumileds LUXEON T. Composed of high-performance white LEDs. Color temperature as per ANSI/NEMA bin Neutral White, 4000 Kelvin nominal (3985K +/- 275K or 3710K to 4260K) or Warm white, 3000 Kelvin nominal (3045K +/- 175K or 2870K to 3220K), CRI 70 Min. 75 Typical.

Heat sink

Made of cast aluminum optimizing the LEDs efficiency and life. Product does not use any cooling device with moving parts (only passive cooling device).

DMS60 Domus LED Post Top

Urban Luminaire

Specifications

Lens

LExF / LEs: 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.

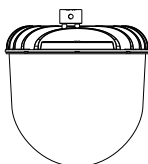
Driver

Driver comes standard with dimming compatible 0-10V. High power factor of 95%. Electronic driver, operating range 50/60 Hz. Auto adjusting universal voltage input from 120 to 277 VAC rated for both application line to line or line to neutral, Class I, THD of 20% max. Maximum ambient operating temperature from 40F(40C) to 130F(55C) degrees. Certified in compliance to UL1310 cULus requirement. Dry and damp location. Assembled on a unitized removable tray with Tyco quick disconnect plug resisting to 221F(105C) degrees. 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).

Optical system

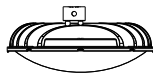
Composed of high performance optical grade PMMA acrylic refractor lenses to achieve desired distribution optimized to get maximum spacing, target lumens and a superior lighting uniformity. Optical system is rated IP66. Performance shall be tested per LM 63, LM 79 and TM 15 (IESNA) certifying its photometric performance. Street side indicated. Flat lens (F optics) is Dark Sky compliant with 0% uplight and U0 per IESNA TM 15.

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.



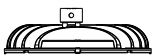
- LE2A** - Type II (ASYM) with globe (ACDR)
- LE3A** - Type III (ASYM) with globe (ACDR)
- LE4A** - Type IV (ASYM) with globe (ACDR)

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

Driver options

AST: Pre-set driver for progressive start-up of the LED module(s) to optimize energy management and enhance visual comfort at start-up.

CLO: Pre-set driver to manage the lumen depreciation by adjusting the power given to the LEDs offering the same lighting intensity during the entire lifespan of the LED module.

DALI: Pre-set driver compatible with the DALI control system.

OTL: Pre-set driver to signal end of life of the LED module(s) for better fixture management.

DMG: Dimmable driver 0-10V.

CDMG: Dynadimmer standard dimming functionalities including pre-programmed scenarios to suit many applications and needs from safety to maximum energy savings.

Ordering Code	Scenario	Dimming Time	Dimming Level
CDMGS25	Safety	4 hours	25% power
CDMGS50	Safety	4 hours	50% power
CDMGS75	Safety	4 hours	75% power
CDMGM25	Median	6 hours	25% power
CDMGM50	Median	6 hours	50% power
CDMGM75	Median	6 hours	75% power
CDMGE25	Economy	8 hours	25% power
CDMGE50	Economy	8 hours	50% power
CDMGE75	Economy	8 hours	75% power

SRD: Sensor Ready Driver including SR communication (used for dimming and other functionalities), 24V auxiliary supply and a logical signal input (LSI) connected to the top NEMA twist lock receptacle.

SRD1: Sensor Ready Driver including SR communication (used for dimming and other functionalities) but with 24V auxiliary supply and a logical signal input (LSI) not connected to the top NEMA twist lock.

Surge protector

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) MSSSLC (Municipal Solid State Street Lighting Consortium) model specification for LED roadway luminaires electrical immunity requirements for High Test Level 10kV / 10kA. **SP2** 20kV/20kA optional.

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.

Luminaire options

FN2: Decorative finial



FN3: Decorative finial



FN4: Decorative finial



FN6: Decorative finial



FN8: Decorative finial



FN9: Decorative finial



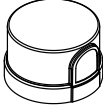
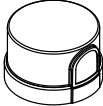

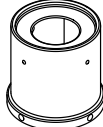
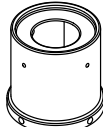
FNC: Finial painted copper

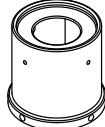
DMS60 Domus LED Post Top

Urban Luminaire

Specifications (continued)

Luminaire options (continued)

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

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.

Luminaire useful life

Refer to IES files for energy consumption and delivered lumens for each option. Based on ISTMT in situ thermal testing in accordance with UL1598 and UL8750, System Reliability Tool, Advance data and Lumileds LM-80/TM-21 data, expected to reach 100,000+ hours with >L70 lumen maintenance @ 25°C. Luminaire Useful Life accounts for LED lumen maintenance AND all of these additional factors including: LED life, driver life, PCB substrate, solder joints, on/off cycles, burning hours and corrosion. Entire luminaire is rated for operation in ambient temperature of -40°C / -40°F up to +35°C / +95°F.

Quality control

Manufactured to ISO 9001 2008 standards and ISO 14001-2004 International Quality Standards Certification.

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 2008 standards and ISO 14001-2004 International Quality Standards Certification.

Certifications and Compliance

CSA, cULus Listed for Canada and USA. Domus LED luminaires are DesignLights Consortium qualified.

