



Domus 50 is one of the most versatile luminaires offered by Lumec. This classic shape was one of the first in a line of pioneering Lumec designs. **Domus** offers a subtly refined design that balances shape, dimension and proportion.

Project: _____

Location: _____

Cat.No: _____

Type: _____

Lamps: _____ Qty: _____

Notes: _____

FIXTURE Ee IS THE SAME FIXTURE AS E BUT E REQUIRES A NEW FOUNDATION

Ordering guide

Example: DMS50-90W80LED4K-T-ACDR-LE3F-120-DMG-SMB-RCD-PH8-BKTX

Series	LED module		Lamp type	Globe material	Optical system	Voltage	Driver options
DMS50			T				
DMS50 Domus	4000K	3000K	T	ACDR Acrylic globe	Globe	120 120V	AST ³ Pre-set, progressive start-up
	35W32LED4K	35W32LED3K			LE2A ⁶ Type II (ASYM) with globe	208 208V	CLO ³ Pre-set, manage lumen depreciation
	55W32LED4K	55W32LED3K			LE3A ⁶ Type III (ASYM) with globe	240 240V	DALI ³ Pre-set, compatible with the DALI control system
	55W48LED4K	55W48LED3K			LE4A ⁶ Type IV (ASYM) with globe	277 277V	OTL ³ Pre-set to signal end of life of the lamp
	70W64LED4K	70W64LED3K			Sag lens	347 347V	DMG 0-10V
	72W32LED4K	72W32LED3K			LE2S Type II (ASYM) Sag glass lens	480 480V	CDMGE25 ³ 8 hrs. 25% reduction
	80W48LED4K	80W48LED3K			LE3S Type III (ASYM) Sag glass lens		CDMGE50 ³ 8 hrs. 50% reduction
	90W80LED4K	90W80LED3K			LE4S Type IV (ASYM) Sag glass lens		CDMGE75 ³ 8 hrs. 75% reduction
	108W48LED4K	108W48LED3K			LE5S ¹ Type V (SYMM) Sag glass lens		CDMGM25 ³ 6 hrs. 25% reduction
	110W64LED4K	110W64LED3K			Flat lens		CDMGM50 ³ 6 hrs. 50% reduction
	135W80LED4K	135W80LED3K			LE2F Type II (ASYM) Flat glass lens		CDMGM75 ³ 6 hrs. 75% reduction
	145W64LED4K	145W64LED3K			LE3F Type III (ASYM) Flat glass lens		CDMGS25 ³ 4 hrs. 25% reduction
	180W80LED4K	180W80LED3K			LE4F Type IV (ASYM) Flat glass lens		CDMGS50 ³ 4 hrs. 50% reduction
					LE5F ¹ Type V (SYMM) Flat glass lens		CDMGS75 ³ 4 hrs. 75% reduction

Ordering guide (continued)

Adaptors	Luminaire options		Poles & Brackets	Finish
MA1 1 1/4" NPT threaded hole adaptor	BO Bridge and Overpass		Consult signify.com/outdoorluminaires for details and the complete line of Signify poles and brackets.	BE2TX Textured midnight blue
MA2 1 1/2" NPT threaded hole adaptor	DE1 Decorative deflector			BE6TX Textured ocean blue
SMA ⁷ Decorative retro side-mounted cast-aluminum, accepts tubes from 1 5/8" to 2 3/8"	HS House side shield			BE8TX Textured royal blue
	PH7 Photoelectric cell, bottom type			BG2TX Textured Sandstone
	PH8 ^{2,4} Photoelectric cell			BKTX Textured black
	PH9 ^{2,4} Shorting cap			BRTX Textured bronze
SMB Decorative contemporary side-mounted cast-aluminum, accepts tubes from 1 5/8" to 2 3/8"	PHXL ^{2,4} Photoelectric cell, extended life			GN4TX Textured blue green
	RC ^{2,5} Receptacle 3 pins			GN6TX Textured forest green
	RCD ^{2,5} Receptacle 5 pins			GN8TX Textured Dk forest green
	RCD7 ^{2,5} Receptacle 7 pins			GNTX Textured green
	SP2 Surge protector			GR Gray sandtex
				GY3TX Textured medium grey
				NP Natural aluminum
				RD2TX Textured burgundy
				RD4TX Textured scarlet
				TG Hammertone gold
				WHTX Textured white

Footnotes

- Not available with **HS** option.
- SMA** or **SMB** adaptors is required for this option.
- Not available 347-480 volt.
- Luminaire option **RC**, **RCD** or **RCD7** is required with this options.
- Use of photoelectric cell or shorting cap is required to ensure proper illumination.
- Globe Material **ACDR** is required with this optical system.
- Only 3 pin receptacle **RC** is available with **SMA** adaptor.

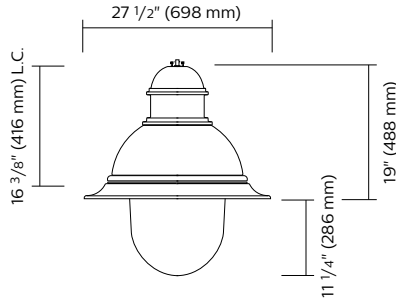
DMS50 Domus LED Pendant

Urban Luminaire

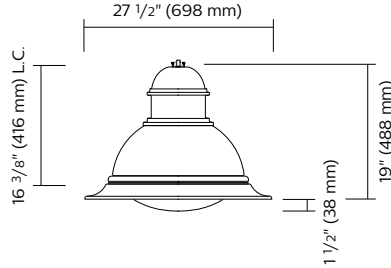
Dimensions

EPA: 1.35 ft² max.

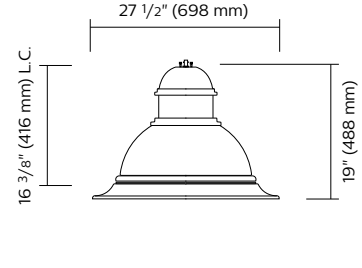
Weight: 42 lbs (19.1kg) max.



DMS50 - A optics
Long drop globe



DMS50 - S optics
Sag lens



DMS50 - F optics
Flat lens

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	>86%

LED Wattage and Lumen Values: 4000K Domus luminaire

Flat lens					Type LE2F			Type LE3F			Type LE4F			Type LE5F		
Ordering Code	Total LEDs	LED Current (mA)	Average System Watts ¹	Color Temp.	Delivered Lumens ²	Efficacy (LPW)	BUG Rating	Delivered Lumens ²	Efficacy (LPW)	BUG Rating	Delivered Lumens ²	Efficacy (LPW)	BUG Rating	Delivered Lumens ²	Efficacy (LPW)	BUG Rating
DMS50-35W32LED4K-T	32	350	37	4000K	4,039	109	B1-U0-G1	3,934	106	B1-U0-G1	3,895	105	B1-U0-G1	3,925	106	B3-U0-G1
DMS50-55W32LED4K-T	32	530	55	4000K	5,808	106	B1-U0-G1	5,657	103	B1-U0-G1	5,602	102	B1-U0-G2	5,644	103	B3-U0-G1
DMS50-72W32LED4K-T	32	700	73	4000K	7,312	101	B2-U0-G1	7,122	98	B1-U0-G2	7,052	97	B1-U0-G2	7,105	98	B3-U0-G2
DMS50-55W48LED4K-T	48	350	54	4000K	6,041	113	B1-U0-G1	5,883	110	B1-U0-G1	5,826	109	B1-U0-G2	5,870	110	B3-U0-G1
DMS50-80W48LED4K-T	48	530	80	4000K	8,641	108	B2-U0-G2	8,417	105	B2-U0-G2	8,335	104	B2-U0-G2	8,398	105	B3-U0-G2
DMS50-108W48LED4K-T	48	700	106	4000K	10,852	103	B2-U0-G2	10,570	100	B2-U0-G2	10,467	99	B2-U0-G2	10,546	100	B4-U0-G2
DMS50-70W64LED4K-T	64	350	69	4000K	7,856	113	B2-U0-G1	7,709	111	B1-U0-G2	7,697	111	B1-U0-G2	7,643	110	B3-U0-G2
DMS50-110W64LED4K-T	64	530	105	4000K	11,261	107	B2-U0-G2	11,050	105	B2-U0-G2	11,034	105	B2-U0-G2	10,955	104	B4-U0-G2
DMS50-145W64LED4K-T	64	700	141	4000K	14,148	101	B3-U0-G2	13,883	99	B2-U0-G2	13,862	99	B2-U0-G2	13,763	98	B4-U0-G2
DMS50-90W80LED4K-T	80	350	86	4000K	9,806	114	B2-U0-G2	9,623	112	B2-U0-G2	9,608	112	B2-U0-G2	9,540	111	B4-U0-G2
DMS50-135W80LED4K-T	80	530	131	4000K	14,008	107	B3-U0-G2	13,745	105	B2-U0-G2	13,724	105	B2-U0-G2	13,626	104	B4-U0-G2
DMS50-180W80LED4K-T	80	700	174	4000K	17,483	100	B3-U0-G2	17,144	98	B3-U0-G2	17,269	99	B3-U0-G3	17,115	98	B4-U0-G2

1. System input wattage may vary based on input voltage, by up to +/- 10%, and based on manufacturer forward voltage, by up to +/- 8%.

2. Lumen values based on photometric tests performed in compliance with IESNA LM-79.

Note: Some data may be scaled based on tests of similar, but not identical, luminaires.

DMS50 Domus LED Pendant

Urban Luminaire

LED Wattage and Lumen Values: 4000K Domus luminaire (continued)

Sag lens					Type LE25			Type LE35			Type LE45			Type LE55		
Ordering Code	Total LEDs	LED Current (mA)	Average System Watts ¹	Color Temp.	Delivered Lumens ²	Efficacy (LPW)	BUG Rating	Delivered Lumens ²	Efficacy (LPW)	BUG Rating	Delivered Lumens ²	Efficacy (LPW)	BUG Rating	Delivered Lumens ²	Efficacy (LPW)	BUG Rating
DMS50-35W32LED4K-T	32	350	37	4000K	4,064	110	B1-U0-G1	4,005	108	B1-U0-G1	4,005	107	B1-U0-G1	4,005	110	B1-U0-G1
DMS50-55W32LED4K-T	32	530	55	4000K	5,846	106	B1-U0-G1	5,759	105	B1-U0-G1	5,759	104	B1-U0-G1	5,759	106	B1-U0-G1
DMS50-72W32LED4K-T	32	700	73	4000K	7,359	101	B2-U0-G1	7,250	100	B2-U0-G1	7,250	99	B2-U0-G1	7,250	101	B2-U0-G1
DMS50-55W48LED4K-T	48	350	54	4000K	6,079	113	B1-U0-G1	5,990	112	B1-U0-G1	5,990	111	B1-U0-G1	5,990	114	B1-U0-G1
DMS50-80W48LED4K-T	48	530	80	4000K	8,697	109	B2-U0-G2	8,569	107	B2-U0-G2	8,569	106	B2-U0-G2	8,569	109	B2-U0-G2
DMS50-108W48LED4K-T	48	700	106	4000K	10,922	103	B2-U0-G2	10,761	102	B2-U0-G2	10,761	101	B2-U0-G2	10,761	103	B2-U0-G2
DMS50-70W64LED4K-T	64	350	69	4000K	7,910	114	B2-U0-G2	7,849	113	B2-U0-G2	7,849	113	B2-U0-G2	7,849	114	B2-U0-G2
DMS50-110W64LED4K-T	64	530	105	4000K	11,338	108	B2-U0-G2	11,250	107	B2-U0-G2	11,250	107	B2-U0-G2	11,250	108	B2-U0-G2
DMS50-145W64LED4K-T	64	700	141	4000K	14,244	101	B3-U0-G2	14,134	101	B3-U0-G2	14,134	100	B3-U0-G2	14,134	102	B3-U0-G2
DMS50-90W80LED4K-T	80	350	86	4000K	9,873	115	B2-U0-G2	9,797	114	B2-U0-G2	9,797	114	B2-U0-G2	9,797	115	B2-U0-G2
DMS50-135W80LED4K-T	80	530	131	4000K	14,102	108	B3-U0-G2	13,993	107	B3-U0-G2	13,993	107	B3-U0-G2	13,993	108	B3-U0-G2
DMS50-180W80LED4K-T	80	700	174	4000K	17,668	101	B3-U0-G2	17,526	101	B3-U0-G2	17,526	100	B3-U0-G2	17,526	102	B3-U0-G2

Globe (ACDR)

					Type LE2A			Type LE3A			Type LE4A		
Ordering Code	Total LEDs	LED Current (mA)	Average System Watts ¹	Color Temp.	Delivered Lumens ²	Efficacy (LPW)	BUG Rating	Delivered Lumens ²	Efficacy (LPW)	BUG Rating	Delivered Lumens ²	Efficacy (LPW)	BUG Rating
DMS50-35W32LED4K-T	32	350	37	4000K	4,138	112	B1-U3-G1	4,138	110	B1-U2-G1	4,063	110	B1-U2-G2
DMS50-55W32LED4K-T	32	530	55	4000K	5,952	108	B1-U3-G1	5,952	107	B1-U3-G2	5,844	106	B1-U3-G2
DMS50-72W32LED4K-T	32	700	73	4000K	7,493	103	B2-U3-G2	7,493	102	B1-U3-G2	7,357	101	B1-U3-G2
DMS50-55W48LED4K-T	48	350	54	4000K	6,190	115	B1-U3-G1	6,190	114	B1-U3-G2	6,078	113	B1-U3-G2
DMS50-80W48LED4K-T	48	530	80	4000K	8,855	111	B2-U3-G2	8,855	109	B2-U3-G2	8,695	109	B1-U3-G3
DMS50-108W48LED4K-T	48	700	106	4000K	11,120	105	B2-U3-G2	11,120	104	B2-U3-G2	10,919	103	B2-U3-G3
DMS50-70W64LED4K-T	64	350	69	4000K	7,933	114	B2-U3-G2	7,933	112	B2-U3-G2	7,844	113	B2-U3-G2
DMS50-110W64LED4K-T	64	530	105	4000K	11,371	108	B2-U3-G2	11,371	106	B2-U3-G2	11,243	107	B2-U3-G3
DMS50-145W64LED4K-T	64	700	141	4000K	14,286	102	B3-U3-G3	14,286	100	B3-U3-G3	14,125	101	B2-U3-G3
DMS50-90W80LED4K-T	80	350	86	4000K	9,902	115	B2-U3-G2	9,902	113	B2-U3-G2	9,791	114	B2-U3-G3
DMS50-135W80LED4K-T	80	530	131	4000K	14,144	108	B3-U3-G3	14,144	106	B3-U3-G3	13,985	107	B2-U3-G3
DMS50-180W80LED4K-T	80	700	174	4000K	17,715	102	B3-U3-G3	17,715	100	B3-U3-G3	17,515	101	B3-U3-G3

1. System input wattage may vary based on input voltage, by up to +/- 10%, and based on manufacturer forward voltage, by up to +/- 8%.

2. Lumen values based on photometric tests performed in compliance with IESNA LM-79.

Note: Some data may be scaled based on tests of similar, but not identical, luminaires.

DMS50 Domus LED Pendant

Urban Luminaire

LED Wattage and Lumen Values: 3000K Domus luminaire

Flat lens

Ordering Code	Total LEDs	LED Current (mA)	Average System Watts ¹	Color Temp.	Type LE2F			Type LE3F			Type LE4F			Type LE5F		
					Delivered Lumens ²	Efficacy (LPW)	BUG Rating	Delivered Lumens ²	Efficacy (LPW)	BUG Rating	Delivered Lumens ²	Efficacy (LPW)	BUG Rating	Delivered Lumens ²	Efficacy (LPW)	BUG Rating
DMS50-35W32LED3K-T	32	350	37	3000K	3,641	98	B1-U0-G1	3,547	96	B1-U0-G1	3,512	95	B1-U0-G1	3,538	95	B2-U0-G1
DMS50-55W32LED3K-T	32	530	55	3000K	5,237	95	B1-U0-G1	5,101	93	B1-U0-G1	5,051	92	B1-U0-G1	5,089	93	B3-U0-G1
DMS50-72W32LED3K-T	32	700	73	3000K	6,592	91	B2-U0-G1	6,421	88	B1-U0-G1	6,358	87	B1-U0-G2	6,406	88	B3-U0-G1
DMS50-55W48LED3K-T	48	350	54	3000K	5,446	102	B1-U0-G1	5,305	99	B1-U0-G1	5,253	98	B1-U0-G2	5,292	99	B3-U0-G1
DMS50-80W48LED3K-T	48	530	80	3000K	7,791	97	B2-U0-G1	7,589	95	B1-U0-G2	7,515	94	B1-U0-G2	7,571	95	B3-U0-G2
DMS50-108W48LED3K-T	48	700	106	3000K	9,784	93	B2-U0-G2	9,530	90	B2-U0-G2	9,437	89	B2-U0-G2	9,508	90	B4-U0-G2
DMS50-70W64LED3K-T	64	350	69	3000K	7,083	102	B2-U0-G1	6,951	100	B1-U0-G2	6,940	100	B1-U0-G2	6,891	99	B3-U0-G2
DMS50-110W64LED3K-T	64	530	105	3000K	10,153	96	B2-U0-G2	9,963	95	B2-U0-G2	9,948	94	B2-U0-G2	9,877	94	B4-U0-G2
DMS50-145W64LED3K-T	64	700	141	3000K	12,756	91	B3-U0-G2	12,517	89	B2-U0-G2	12,498	89	B2-U0-G2	12,409	88	B4-U0-G2
DMS50-90W80LED3K-T	80	350	86	3000K	8,842	103	B2-U0-G2	8,676	101	B2-U0-G2	8,663	101	B2-U0-G2	8,601	100	B3-U0-G2
DMS50-135W80LED3K-T	80	530	131	3000K	12,629	97	B3-U0-G2	12,392	95	B2-U0-G2	12,374	95	B2-U0-G2	12,286	94	B4-U0-G2
DMS50-180W80LED3K-T	80	700	174	3000K	15,817	91	B3-U0-G2	15,521	89	B2-U0-G2	15,497	89	B2-U0-G3	15,387	88	B4-U0-G2

Sag lens

Ordering Code	Total LEDs	LED Current (mA)	Average System Watts ¹	Color Temp.	Type LE2S			Type LE3S			Type LE4S			Type LE5S		
					Delivered Lumens ²	Efficacy (LPW)	BUG Rating	Delivered Lumens ²	Efficacy (LPW)	BUG Rating	Delivered Lumens ²	Efficacy (LPW)	BUG Rating	Delivered Lumens ²	Efficacy (LPW)	BUG Rating
DMS50-35W32LED3K-T	32	350	37	3000K	3,665	99	B1-U0-G1	3,611	97	B1-U0-G1	3,576	96	B1-U0-G1	3,668	99	B3-U0-G1
DMS50-55W32LED3K-T	32	530	55	3000K	5,270	96	B1-U0-G1	5,193	94	B1-U0-G1	5,144	94	B1-U0-G2	5,276	96	B3-U0-G1
DMS50-72W32LED3K-T	32	700	73	3000K	6,635	91	B2-U0-G1	6,537	90	B1-U0-G2	6,475	89	B1-U0-G2	6,641	91	B3-U0-G2
DMS50-55W48LED3K-T	48	350	54	3000K	5,481	102	B1-U0-G1	5,401	101	B1-U0-G1	5,349	100	B1-U0-G2	5,487	102	B3-U0-G1
DMS50-80W48LED3K-T	48	530	80	3000K	7,842	98	B2-U0-G2	7,726	97	B1-U0-G2	7,653	96	B1-U0-G2	7,849	98	B3-U0-G2
DMS50-108W48LED3K-T	48	700	106	3000K	9,847	93	B2-U0-G2	9,702	92	B2-U0-G2	9,610	91	B2-U0-G2	9,857	93	B4-U0-G2
DMS50-70W64LED3K-T	64	350	69	3000K	7,131	103	B2-U0-G1	7,076	102	B1-U0-G2	7,067	102	B1-U0-G2	7,144	103	B3-U0-G2
DMS50-110W64LED3K-T	64	530	105	3000K	10,222	97	B2-U0-G2	10,143	96	B2-U0-G2	10,130	96	B2-U0-G2	10,239	97	B4-U0-G2
DMS50-145W64LED3K-T	64	700	141	3000K	12,842	91	B2-U0-G2	12,743	91	B2-U0-G2	12,727	91	B2-U0-G2	12,864	92	B4-U0-G2
DMS50-90W80LED3K-T	80	350	86	3000K	8,901	104	B2-U0-G2	8,833	103	B2-U0-G2	8,822	103	B2-U0-G2	8,917	104	B4-U0-G2
DMS50-135W80LED3K-T	80	530	131	3000K	12,715	97	B2-U0-G2	12,616	97	B2-U0-G2	12,601	96	B2-U0-G2	12,736	98	B4-U0-G2
DMS50-180W80LED3K-T	80	700	174	3000K	15,924	91	B3-U0-G2	15,801	91	B2-U0-G2	15,782	91	B2-U0-G3	15,951	92	B4-U0-G2

1. System input wattage may vary based on input voltage, by up to +/- 10% , and based on manufacturer forward voltage, by up to +/- 8%.

2. Lumen values based on photometric tests performed in compliance with IESNA LM-79.

Note: Some data may be scaled based on tests of similar, but not identical, luminaires.

DMS50 Domus LED Pendant

Urban Luminaire

LED Wattage and Lumen Values: 3000K Domus luminaire (continued)

Globe (ACDR)					Type LE2A			Type LE3A			Type LE4A		
Ordering Code	Total LEDs	LED Current (mA)	Average System Watts ¹	Color Temp.	Delivered Lumens ²	Efficacy (LPW)	BUG Rating	Delivered Lumens ²	Efficacy (LPW)	BUG Rating	Delivered Lumens ²	Efficacy (LPW)	BUG Rating
DMS50-35W32LED3K-T	32	350	37	3000K	3,731	101	B1-U2-G1	3,686	99	B1-U2-G1	3,664	99	B1-U2-G2
DMS50-55W32LED3K-T	32	530	55	3000K	5,366	98	B1-U3-G1	5,302	96	B1-U3-G2	5,269	96	B1-U3-G2
DMS50-72W32LED3K-T	32	700	73	3000K	6,755	93	B1-U3-G2	6,674	92	B1-U3-G2	6,633	91	B1-U3-G2
DMS50-55W48LED3K-T	48	350	54	3000K	5,581	104	B1-U3-G1	5,514	103	B1-U3-G2	5,480	102	B1-U3-G2
DMS50-80W48LED3K-T	48	530	80	3000K	7,984	100	B2-U3-G2	7,888	99	B1-U3-G2	7,839	98	B1-U3-G2
DMS50-108W48LED3K-T	48	700	106	3000K	10,026	95	B2-U3-G2	9,906	94	B2-U3-G2	9,845	93	B2-U3-G3
DMS50-70W64LED3K-T	64	350	69	3000K	7,153	103	B2-U3-G2	7,025	101	B2-U3-G2	7,072	102	B1-U3-G2
DMS50-110W64LED3K-T	64	530	105	3000K	10,253	97	B2-U3-G2	10,069	96	B2-U3-G2	10,137	96	B2-U3-G3
DMS50-145W64LED3K-T	64	700	141	3000K	12,881	92	B3-U3-G3	12,651	90	B2-U3-G2	12,736	91	B2-U3-G3
DMS50-90W80LED3K-T	80	350	86	3000K	8,928	104	B2-U3-G2	8,768	102	B2-U3-G2	8,827	103	B2-U3-G2
DMS50-135W80LED3K-T	80	530	131	3000K	12,753	98	B3-U3-G3	12,525	96	B2-U3-G2	12,609	97	B2-U3-G3
DMS50-180W80LED3K-T	80	700	174	3000K	15,972	92	B3-U3-G3	15,687	90	B3-U3-G3	15,792	91	B3-U3-G3

1. System input wattage may vary based on input voltage, by up to +/- 10%, and based on manufacturer forward voltage, by up to +/- 8%.

2. Lumen values based on photometric tests performed in compliance with IESNA LM-79.

Note: Some data may be scaled based on tests of similar, but not identical, luminaires.

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

LEDgine 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.

Lens

LExF / LEsS: 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.

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).

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.

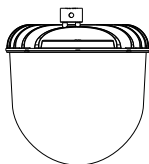
DMS50 Domus LED Pendant

Urban Luminaire

Specifications (continued):

Optical system (continued):

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.

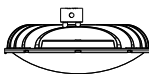


LE2A - Type II (ASYM) with globe (ACDR)

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.



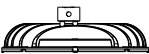
LE2S - Type II (ASYM) Sag glass lens

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 dimming
CDMGS50	Safety	4 hours	50% power dimming
CDMGS75	Safety	4 hours	75% power dimming
CDMGM25	Median	6 hours	25% power dimming
CDMGM50	Median	6 hours	50% power dimming
CDMGM75	Median	6 hours	75% power dimming
CDMGE25	Economy	8 hours	25% power dimming
CDMGE50	Economy	8 hours	50% power dimming
CDMGE75	Economy	8 hours	75% power dimming

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.

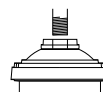
SRD1: Sensor Ready Driver including SR communication (used for dimming and other functionalities) but with 24V auxiliary supply and a logical signal input (LSI) not connected to the top NEMA twist lock.

Surge protector

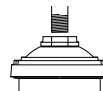
Surge protector tested in accordance with ANSI/IEEE C62.45 per ANSI/IEEE C62.41.2 Scenario I Category C High Exposure 10kV/10kA waveforms for Line Ground, Line Neutral and Neutral Ground, and in accordance with U.S. DOE (Department of Energy) MSSLC (Municipal Solid State Street Lighting Consortium) model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

Luminaire adaptor

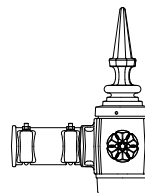
MA1: The luminaire is suspended by means of a mounting adaptor with a 1¼" (32mm) NPT threaded hole accepting a threaded tube from the mounting. Retrofit adaptor for existing mounting.



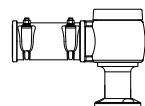
MA2: 1½" (38mm) NPT threaded hole accepting threaded tube from the mounting. Retrofit adaptor for existing mounting.



SMA: The luminaire is suspended by means of a decorative side-mounted cast aluminum adaptor. This adaptor accepts tubes from 1½" to 2½" (41 to 60mm) and is adjustable to more or less 5°. The adaptor features a cast aluminum decorative cover and finial.



SMB: The luminaire is suspended by means of a decorative side-mounted cast aluminum adaptor. This adaptor accepts tubes from 1½" to 2½" (41 to 60mm) and is adjustable to more or less 5°.



DMS50 Domus LED Pendant

Urban Luminaire

Specifications (continued):

Luminaire options

BO: Bridge and Overpass

HS: House side shield

PH7: Photoelectric cell, bottom type

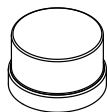
PH8: Photoelectric Cell, Twist-lock Type. Allows a 90° rotation.



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



PH9: Shorting cap, Twist-lock Type



RC: Receptacle 3 pins



RCD: Receptacle 5 pins



RCD7: Receptacle 7 pins



SP2: Integral surge protector

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.

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.

Vibration resistance

Meets the ANSI C136.31, American National Standard for Roadway Luminaire Vibration specifications for Bridge/overpass applications. (Tested for 3G over 100 000 cycles)

Certifications and Compliance

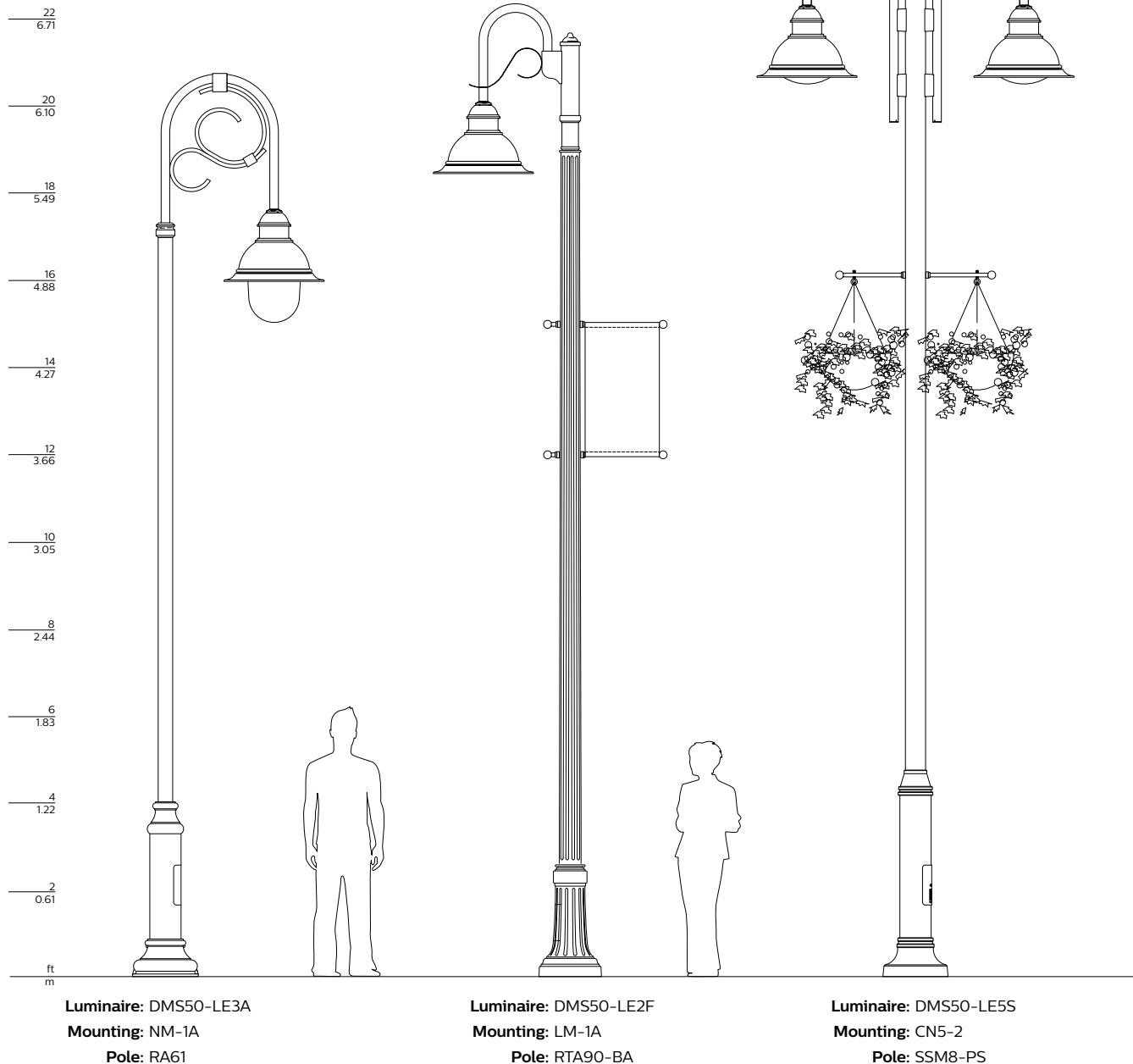
CSA, cULus Listed for Canada and USA. Domus LED luminaires are DesignLights Consortium qualified.

DMS50 Domus LED Pendant

Urban Luminaire

Specifications (continued):

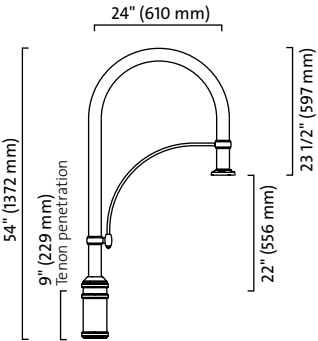
Poles & Brackets Sample configurations.



BRACKET

BM

EPA: 2.00 sq.ft. **Weight:** 40.0 lbs. (18.1 kg)



Specifications:

The **BM** mounting arm features a 2 3/8" O.D. (60 mm) extruded-aluminum tube bent at 180° welded to a cast-aluminum adaptor.

The mounting arm includes an aluminum decorative element welded to the arm.

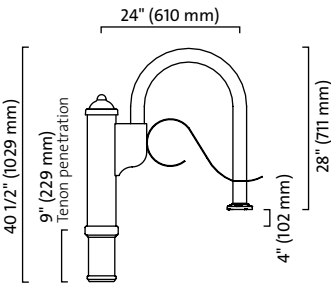
The luminaire adaptor will accept a luminaire equipped with Lumec's four-bolt mounting system.

The aluminum central pole adaptor slip-fits 9" (229 mm) over a 4" (102 mm), 5" (127 mm) or 5 9/16" (141 mm) O.D. pole or tenon.

Configurations   
1A 2 M

LM

EPA: 2.59 sq.ft. **Weight:** 21.0 lbs. (9.5 kg)



Specifications:

The **LM** mounting arm features a 2 3/8" O.D. (60 mm) extruded-aluminum tube bent at 180° welded to a cast-aluminum adaptor.

The mounting arm includes a flat rolled aluminum decorative element.

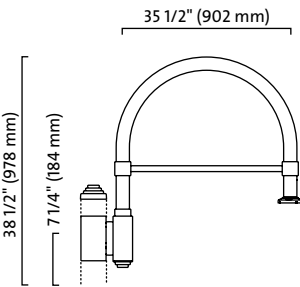
The luminaire adaptor will accept a luminaire equipped with Lumec's four-bolt mounting system.

The aluminum central pole adaptor slip-fits 9" (229 mm) over a 4" (102 mm), 5" (127 mm) or 5 9/16" (141 mm) O.D. pole or tenon.

Configurations       
1A 2 2A 3 3B 4 M

TM

EPA: 2.27 sq.ft. **Weight:** 20.0 lbs. (9.1 kg)



Specifications:

The **TM** mounting arm features a 2 3/8" O.D. (60 mm) extruded-aluminum tube bent at 180° and welded to a pole adaptor.

The mounting arm includes an extruded-aluminum 1 1/16" (27 mm) O.D. decorative element welded to the arm.

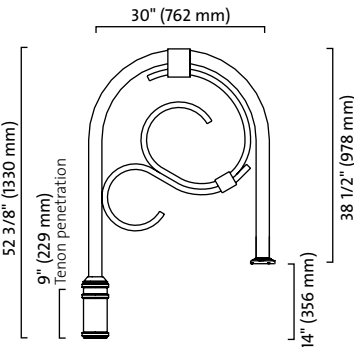
The luminaire adaptor will accept a luminaire equipped with Lumec's four-bolt mounting system.

The aluminum central pole adaptor slip-fits over a 4" (102 mm), 5" (127 mm) or 5 9/16" (141 mm) O.D. pole.

Configurations      
1A 2 3 3B 4 M

NM

EPA: 2.81 sq.ft. **Weight:** 27 lbs. (12.3 kg)



Specifications:

The **NM** mounting arm features a 2 3/8" O.D. (60 mm) extruded-aluminum tube bent at 180°, welded to a cast-aluminum pole adaptor.

The mounting arm includes a cast-aluminum decorative spiral element welded to the arm.

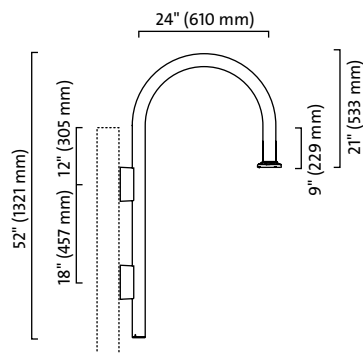
The luminaire adaptor will accept a luminaire equipped with Lumec's four-bolt mounting system.

The aluminum central pole adaptor slip-fits 9" (229 mm) over a 4" (102 mm), 5" (127 mm) or 5 9/16" (141 mm) O.D. pole or tenon.

Configurations   
1A 2 M

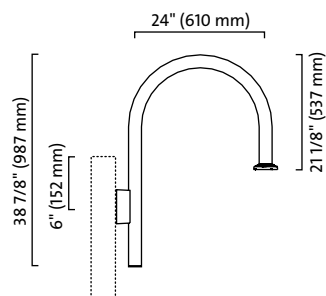
CN5

EPA: 1.81 sq.ft. Weight: 11.0 lbs. (5.0 kg)



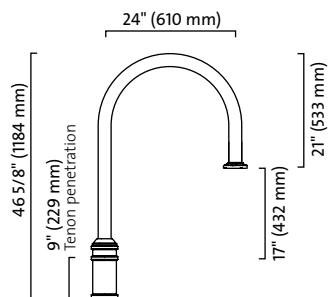
IF

EPA: 1.41 sq.ft. Weight: 9.0 lbs. (4.0 kg)



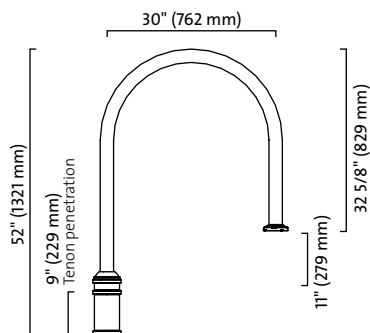
SM

EPA: 1.37 sq.ft. Weight: 13.0 lbs. (5.9 kg)



MJ

EPA: 2.00 sq.ft. Weight: 13.0 lbs. (5.9 kg)



Specifications:

The **CN5** mounting arm features a 2 3/8"-O.D. (60 mm) extruded-aluminum tube bent at a 180° angle and mechanically assembled to the side of the pole using two cast-aluminum mounting arm adaptors.

The luminaire adaptor will accept a luminaire equipped with Lumec's four-bolt mounting system.

Configurations
1A 2 2A 3 3B 4 M

Specifications:

The **IF** mounting arm features a 2 3/8"-O.D. (60 mm) extruded-aluminum tube bent at a 180° angle and mechanically assembled to the pole using a cast-aluminum mounting adaptor.

The luminaire adaptor will accept a luminaire equipped with Lumec's four-bolt mounting system.

Configurations
1A 2 2A 3 3B 4 M

Specifications:

The **SM** mounting arm features a 2 3/8"-O.D. (60 mm) extruded-aluminum tube bent at a 180° angle welded to a cast-aluminum pole-top adaptor.

The luminaire adaptor will accept a luminaire equipped with Lumec's four-bolt mounting system.

The aluminum central pole adaptor slip-fits 9" (229 mm) over a 4" (102 mm), 5" (127 mm) or 5 9/16" (141 mm) O.D. pole or tenon.

Configurations
1A 2

Specifications:

The **MJ** mounting arm features a 2 3/8"-O.D. (60 mm) extruded-aluminum tube bent at a 180° angle welded to a cast-aluminum pole-top adaptor.

The luminaire adaptor will accept a luminaire equipped with Lumec's four-bolt mounting system.

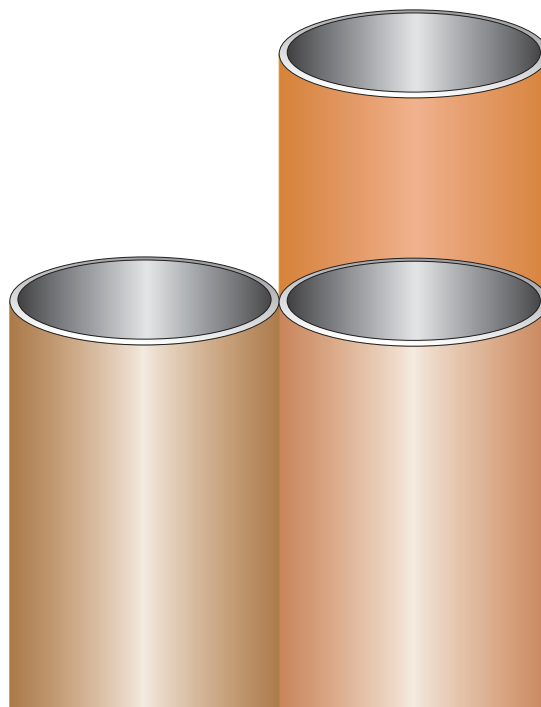
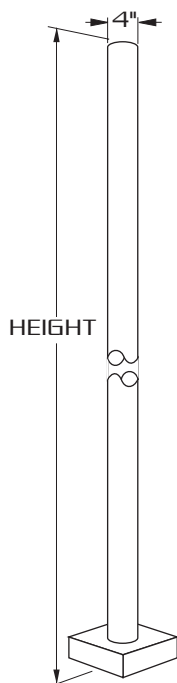
The aluminum central pole adaptor slip-fits 9" (229 mm) over a 4" (102 mm), 5" (127 mm) or 5 9/16" (141 mm) O.D. pole or tenon.

> The MJ bracket is offered with LG option (medaillon to accept logo) see page 134.

Configurations
1A 2 M

POLES

RNTS 4"



4" ROUND STRAIGHT STEEL

SPECIFICATIONS

SHAFT: 4" DIAMETER. FABRICATED FROM HIGH GRADE STRUCTURAL STEEL TUBE. SHAFT CONFORMS TO ASTM-A-501-68 SPECIFICATIONS. MEETS OR EXCEEDS MINIMUM YIELD STRENGTH OF 46,000 P.S.I. WALL THICKNESS 11 GA. (.120 WALL) OR 7 GA. (.180 WALL) AS SPECIFIED. REINFORCED HAND HOLE IS FURNISHED WITH COVER. SHAFT IS FURNISHED WITH GROUND LUG LOCATED INSIDE POLE ON WALL OPPOSITE HAND HOLE.

BASE PLATE: FABRICATED FROM STRUCTURAL QUALITY HOT ROLLED STEEL. MEETS OR EXCEEDS MINIMUM YIELD STRENGTH OF 36,000 P.S.I. BASE TELESCOPES AND IS CIRCUMFERENTIALLY WELDED TO POLE SHAFT. SLOTTED BOLT HOLES PROVIDE 1" FLEXIBILITY ON EITHER SIDE OF BOLT CIRCLE CENTERLINE.

ANCHORAGE: (4) ANCHOR BOLTS FABRICATED FROM HOT ROLLED STEEL BAR. MINIMUM YIELD STRENGTH OF 50,000 P.S.I. BOLTS HAVE "L" BEND ON ONE END AND ARE THREADED ON THE OTHER END. BOLTS ARE FULLY GALVANIZED AND ARE FURNISHED WITH TWO NUTS AND TWO WASHERS.

BASE COVER: FABRICATED FROM HEAVY GAUGE QUALITY CARBON STEEL. TWO PIECE COVER CONCEALS BASE.

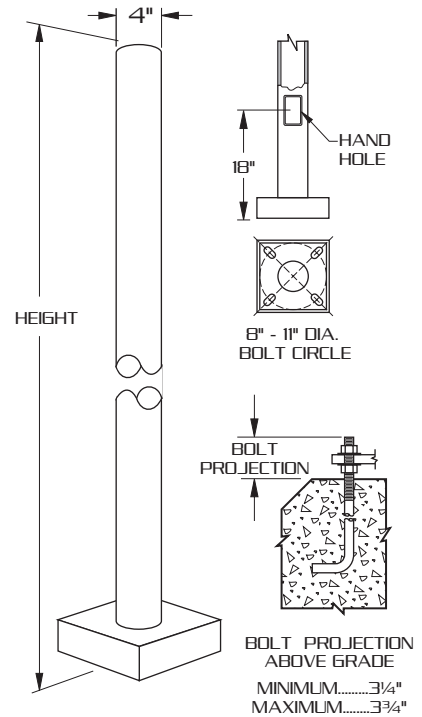
FINISH: POLYESTER POWDER COAT. THE METAL SURFACE IS PRETREATED BY SAND BLAST PROCESS FOR MAXIMUM PAINT ADHESION. ELECTROSTATICALLY APPLIED POLYESTER POWDER TOPCOAT IS BAKED AT 400° TEMPERATURE FOR MAXIMUM HARDNESS AND EXTERIOR DURABILITY.

RNTS SERIES

ENGINEERING DATA Maximum EPA - Square Feet

Catalog Number	Maximum Fixt. wgt.	100 MPH	90 MPH	80 MPH	70 MPH
RNTS 104-11	225	12.0	14.7	17.8	20.9
RNTS 124-11	165	9.3	11.7	14.5	17.2
RNTS 144-11	135	7.5	9.0	10.8	11.9
RNTS 164-11	110	5.8	7.2	9.3	11.2
RNTS 184-11	100	4.6	5.8	7.5	9.0
RNTS 204-11	100	3.6	4.4	6.0	7.2
RNTS 204-7	135	6.8	10.2	14.8	18.6
RNTS 244-7	110	3.2	5.8	8.9	13.1

All above design calculations are based on sustained wind forces
plus additional 1.3 wind gust
(Example: Pole rated at 80 MPH withstands 104 MPH gusts)



ORDERING INFORMATION

MODEL NO. : RNTS	POLES	MOUNTING	FINISH	OPTIONS																																													
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