

D770 Series

LED Luminaire



Features

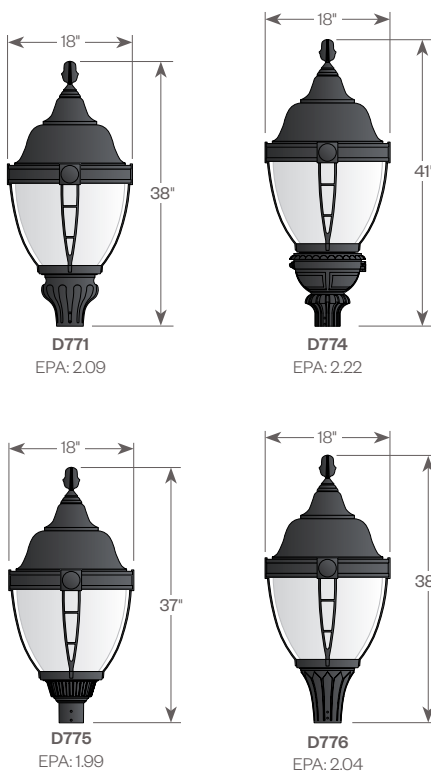
Lighting for exterior retail, commercial and hospitality environments. The D770 Series consists of a cast aluminum fitter and cage assembly surrounding a clear or white textured lens and a spun aluminum top. Powered by the Amerlux patented AVISTA® LED system with options for intensity, distribution and color. An optional Smartsite wireless lighting controller is available.

Product Overview

Wattage:	up to 86W
Lumen Output :	up to 10,943 lm; up to 143 lm/W
Color Temp:	2700K, 3000K, 4000K
Dimming:	0-10V dimming Manual onboard dimming option available

PROJECT:

TYPE:



Installation:

The luminaire will mount to a 3" OD post or tenon with 5/16" black oxide coated stainless steel set screws to ensure a solid connection.

Electrical:

- Over voltage and short circuit protected driver
- Series connected 10kV/20kA surge protector
- Automatic AC incoming voltage sensing (120V-277V)
- 347V-480V option consult factory
- 0-10V dimming

Diffuser Choices:

- Clear Textured Polycarbonate (PC-CL)
- White Textured Acrylic (AC-WH)
- Clear Textured DR Acrylic (DR-CL)

Distribution:

- Symmetric (SY)
- Asymmetric (AS)
- Street Optic (SO)

CCT:

- 2,700K (27)
- 3,000K (30)
- 4,000K (40)

Power Level:

(see performance chart for output)

- P1 (30W)
- P2 (44W)
- P3 (60W)
- P4 (86W)

L70:

72,000+ hrs.

Finish:

Durable thermoset polyester powdercoat finish in the following:

- Satin Black (BLK)
- Classic Bronze (CLB)
- Gloss Textured Bronze (GBZ)
- Green (GRN)
- Gloss Textured Black (GTB)
- Textured Black (TBK)
- Gloss Textured Green (TGR)

Accessories:

- Cast aluminum finial (CFIN)
- Dusk-to-dawn button type photocell (PCL)
- Controls Capable Harness (CCH)
- Wireless control option

ETL listed, suitable for wet locations.



5 year limited warranty
AMERLUX LED

POWDER COATED
TOUGH



Electromagnetic sensitive device.
observe precautions for handling

D770 Series

LED Luminaire



PROJECT:

TYPE:

Ordering Information

1	2	3	4	5	6	7	8
Add additional accessories as needed							
1 Model	2 Diffuser Material - Color	3 LED System	4 Light Distribution	5 CCT	6 Power Level	7 Finish	8 Accessories
D771	PC-CL clear textured polycarbonate	AVI-G3 Avista light engine, standard model	SY symmetrical	27 2700K	P1 (30W)	BLK satin black	PCL dusk-to-dawn button type photocell (not available for use with CCH)
D774	AC-WH white textured acrylic		AS asymmetrical	30 3000K	P2 (44W)	CLB classic bronze	CCH controls capable harness (not available for use with PCL)
D775	DR-CL clear textured DR acrylic		SO street optic	40 4000K	P3 (60W)	GBZ gloss textured bronze	Consult factory for SmartSite integrated wireless control option (SSINT-1)
D776					P4 (86W)	GRN green	
	120V-277V auto-sensing driver is standard. Consult factory for 347V/480V option.					GTB gloss textured black	
						TBK textured black	
						TGR gloss textured green	
						CSTM custom	

Please Note: Fixture is available with optional Medium base (MDO) or Mogul base (MGO) socket only. Consult factory for details.

D770 Series

LED Luminaire



PROJECT:

TYPE:

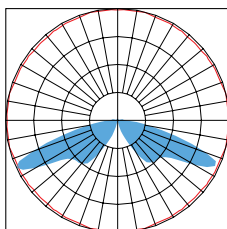
Performance



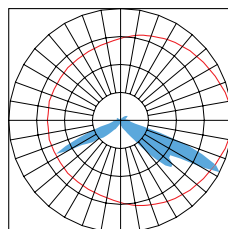
Model	Distribution	CCT	Power Level	System Watts	LED Engine Lumens	LED Engine LPW	BUG Rating
AVI-G3	SY	27	P1	30	3651	122.9	2-3-2
		30			4034	135.8	2-3-2
		40			4246	143.0	2-3-2
	AS	27			3505	118.0	1-3-2
		30			3872	130.4	1-3-2
		40			4076	137.2	1-3-2
	SO	27			3296	111.0	1-3-1
		30			3579	120.5	1-3-1
		40			3883	130.7	1-3-1
	SY	27	P2	44	5245	119.2	2-3-2
		30			5794	131.7	2-3-2
		40			6099	138.6	2-3-2
	AS	27			5035	114.4	2-3-2
		30			5562	126.4	2-3-2
		40			5855	133.1	2-3-2
	SO	27			4654	105.8	1-3-2
		30			5141	116.8	1-3-2
		40			5412	123.0	1-3-2
	SY	27	P3	60	7026	116.1	2-3-3
		30			7762	128.3	2-3-3
		40			8170	135.0	3-3-3
	AS	27			6745	111.5	2-3-2
		30			7451	123.2	2-3-2
		40			7843	129.6	2-3-2
	SO	27			6235	103.1	2-3-3
		30			6887	113.8	2-3-3
		40			7249	119.8	2-3-3
	SY	27	P4	86	9411	109.4	2-3-3
		30			10394	120.9	2-3-3
		40			10943	127.2	3-3-3
	AS	27			9035	105.1	2-3-2
		30			9980	116.0	2-3-2
		40			10505	122.2	2-3-2
	SO	27			8595	99.9	2-3-3
		30			9494	110.4	2-3-3
		40			9994	116.2	2-3-3

IES files supplied are 3000K. For 2700K use a 0.91 multiplier; For 4000K use a 1.05 multiplier.

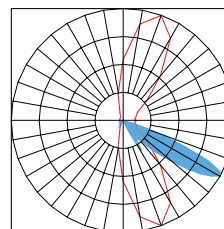
Light Distribution Types



SY Type V



AS Type IV



SO Type III