

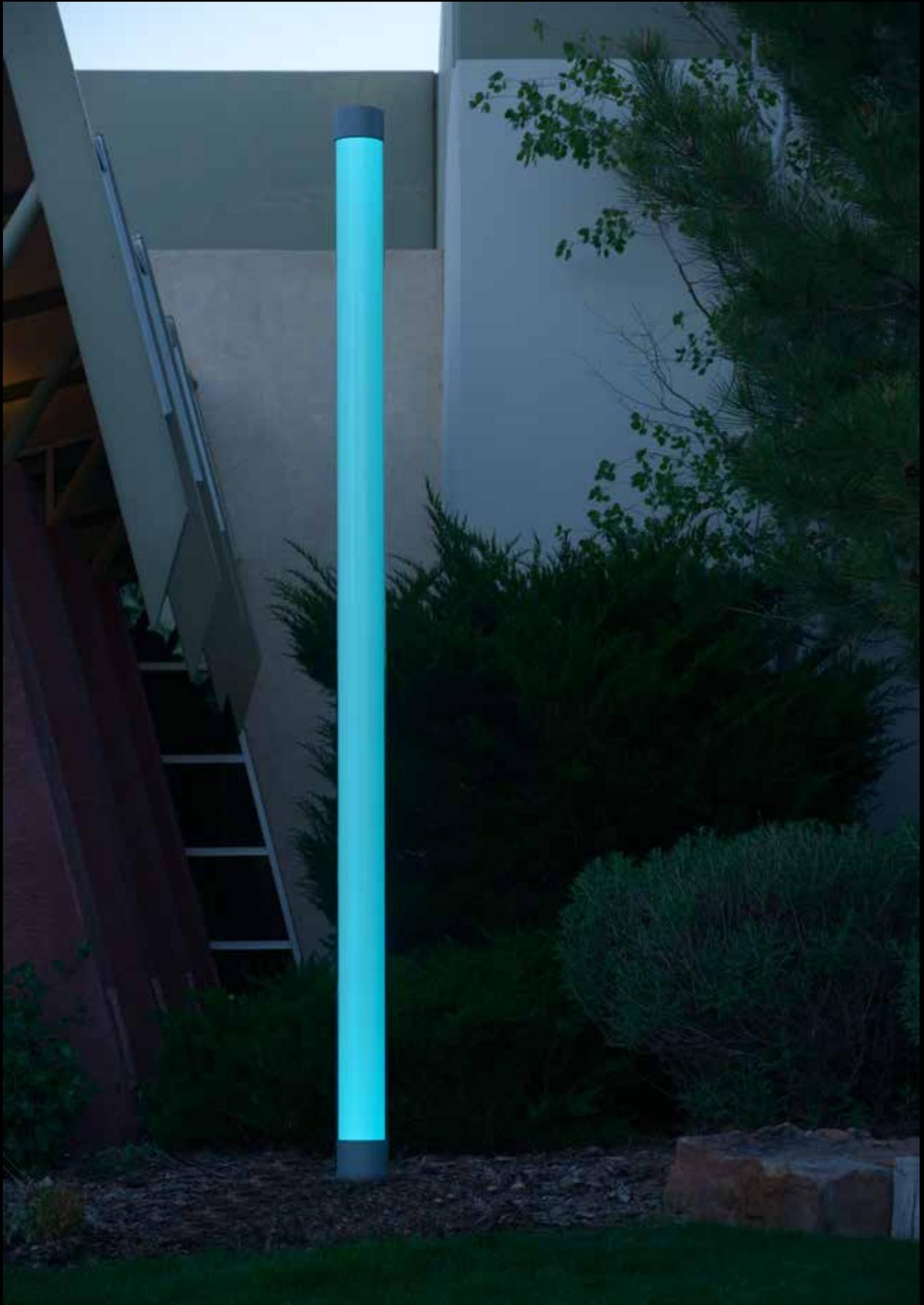
SPIRE

EXTERIOR LED LUMINOUS COLUMNS



INSIGHT





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www.insightlighting.com

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EXTERIOR LED LUMINOUS COLUMNS

Lighting the pedestrian landscape is a challenging endeavor. The marketplace is cluttered with bollards and pedestrian scaled luminaires that can boast the high efficiency of LED engines but cannot control the brightness of the source, resulting in high angles of glare and visually uncomfortable public spaces. Most lighting manufacturers incorporate a design consisting of flat luminaires on poles that cast a down light onto the ground. Often the landscape is simply soured by the bulkiness of the fixture housing.



Where can you find a product that delivers on the promise of low brightness lighting and offers a simple elegance to the landscape plan. Introducing Spire; Insight's most recent family of luminous column lighting.

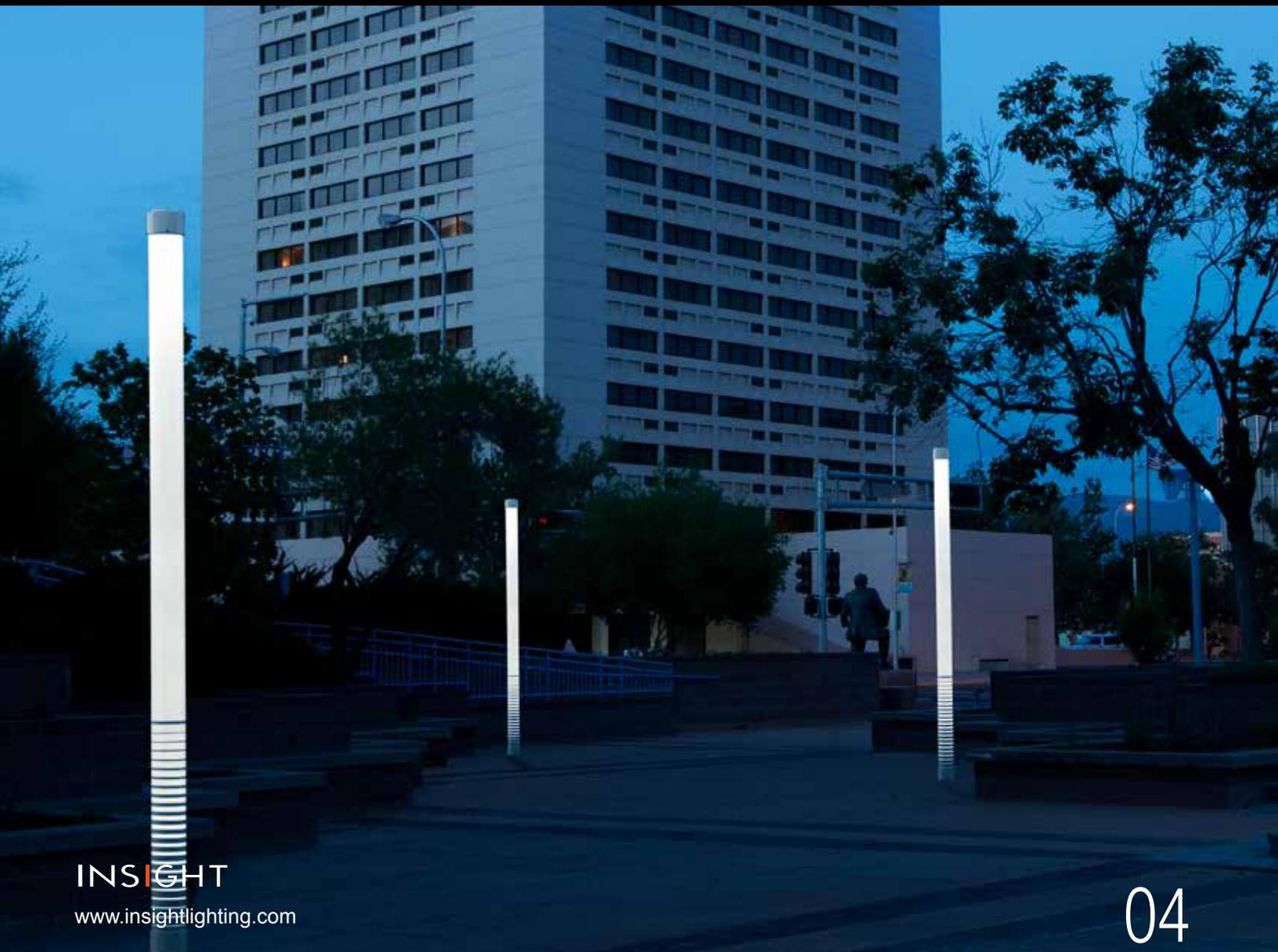
Spire has been uniquely designed to uniformly illuminate up to 12 feet of UV stabilized round polycarbonate forms and has a patented lighting delivery system that creates high levels of vertical illumination without the worry of glare. We have also incorporated a direct burial fixture base which keeps all of the fixture housing hidden from view. Now all you see are linear columns of crisp white or color changing illumination.

Insight's Spire..... literally changing the pedestrian landscape.

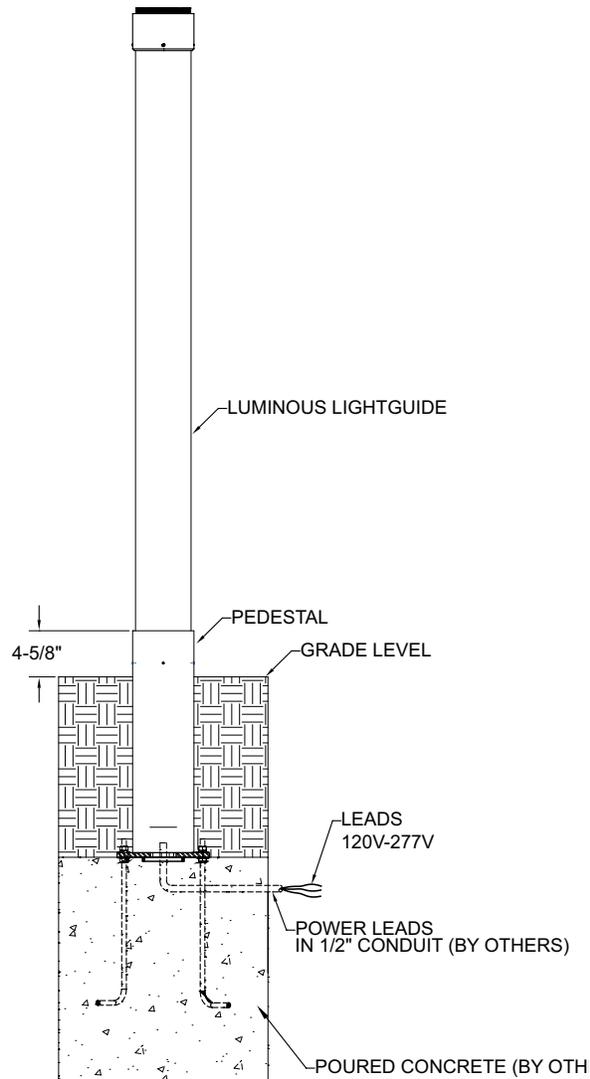
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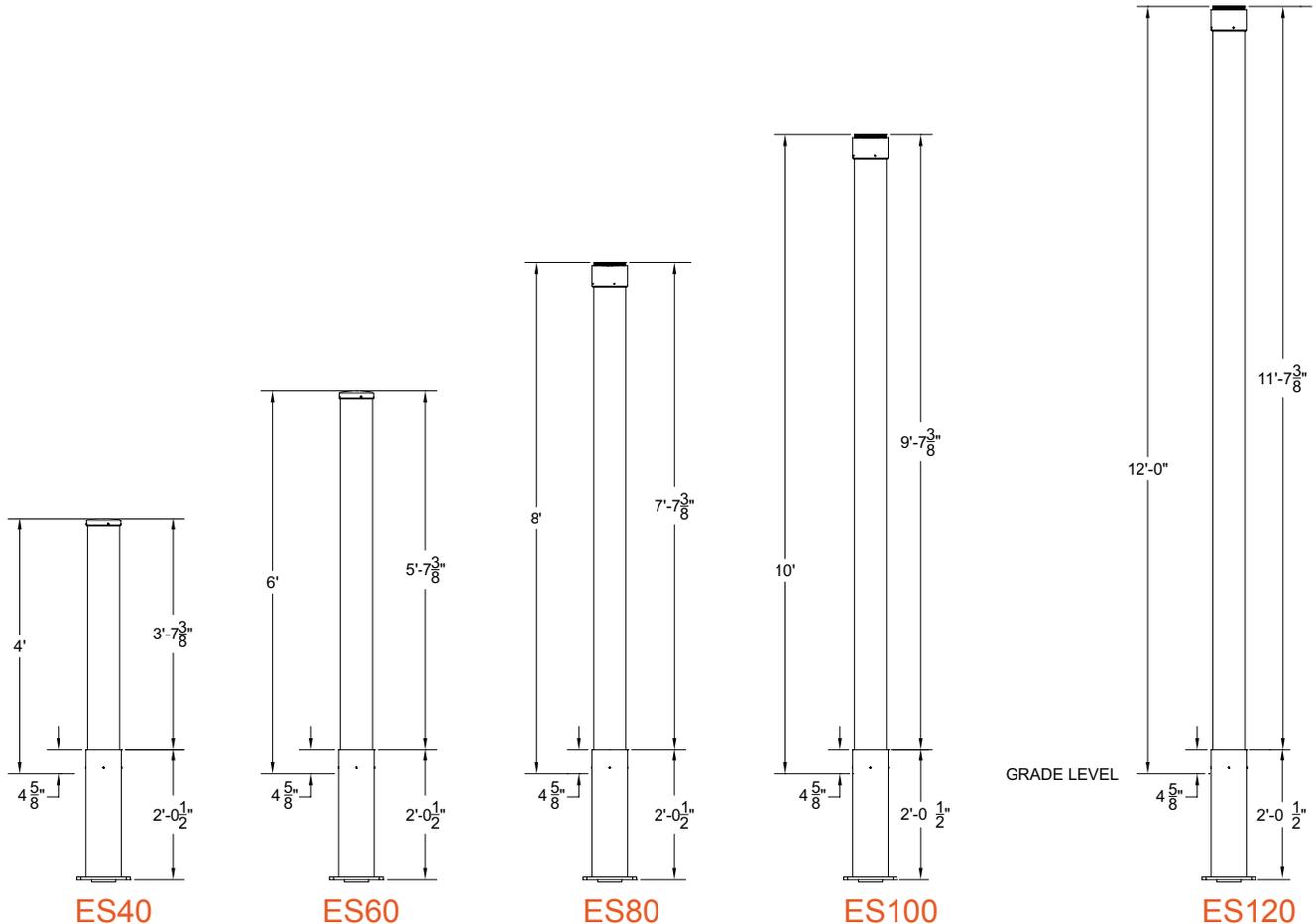
- Vertical illumination ideal for public spaces including pedestrian walkways, shopping centers, parks and plazas
- Full illuminated heights of 4', 6', 8', 10' and 12' with a white translucent lightguide
- Available in white light, RGB & RGBW
- A patented film technology designed to provide uniform illumination along the entire length of the lightguide
- Photometric performance allows for over 30' spacing with 0.5 footcandles maintained
- The application image below shows architectural UV stabilized appliques applied to the liteguide to create custom looks and unique branding



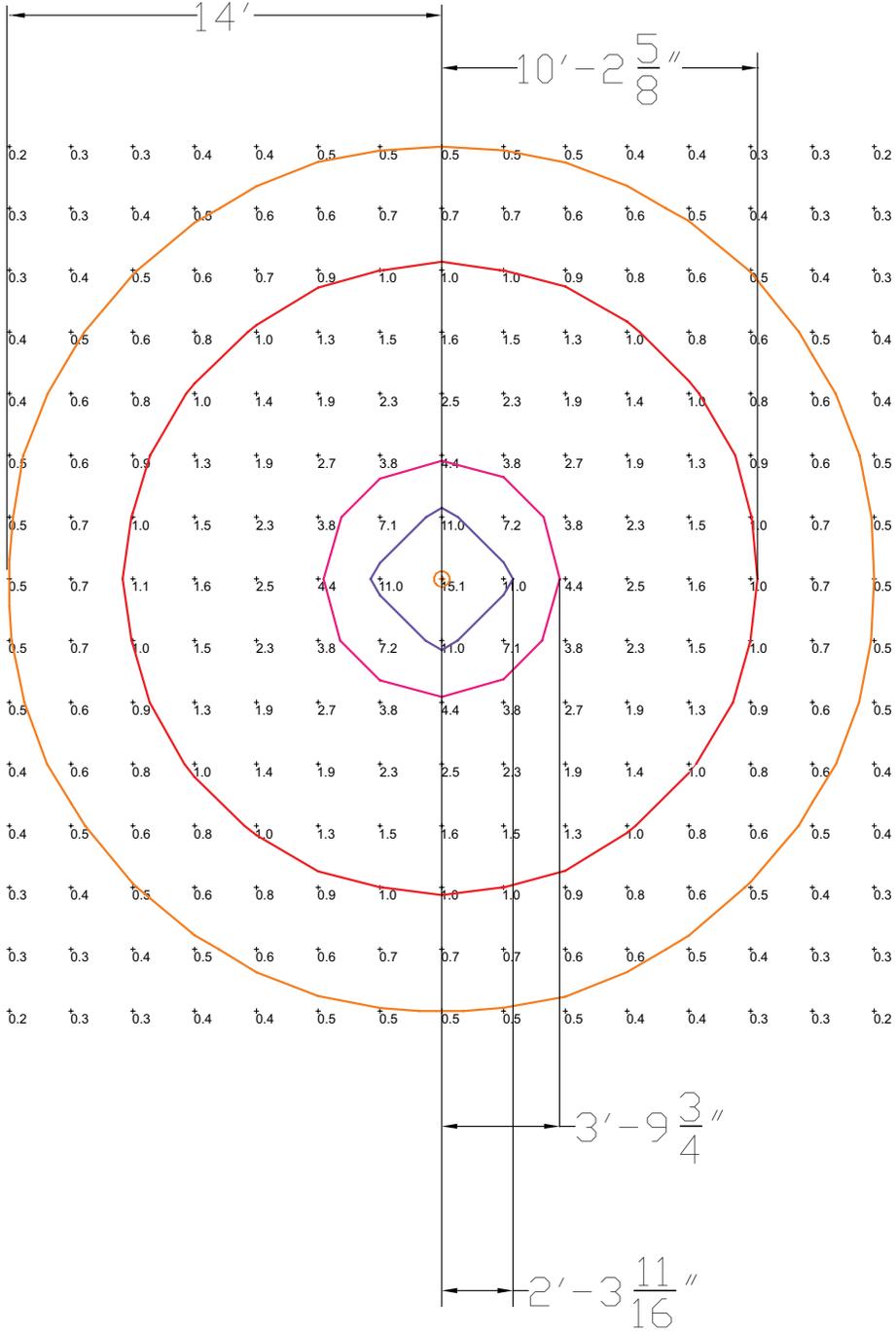
SPECIFICATION		
	COLOR TEMPERATURE & COLOR RANGE	2700K, 3500 K, 4000 K, 5000K, RGB (discreet), RGBW (discreet)
	LUMENS & EFFICACY	6' Total Lumens: 1400 Delivered Lumens 8' - 12' Total Lumens: 2200 Delivered Lumens
	LUMEN MAINTENANCE	White: 75,000 hrs L70
ELECTRICAL	INPUT VOLTAGE	Integral Class 2 power supplies are are mounted within a direct burial enclosure
	PEDESTAL	6-5/8" Diameter One piece 1/4" wall, steel construction, zinc plated and painted.
	LUMINOUS LIGHTGUIDE	6" Diameter High impact resistant, UV stabilized polycarbonate extrusion. Wall thickness is 1/8". White translucent polycarbonate.
	OPERATING TEMPERATURES	-20° C to 40° C
CERTIFICATION	CERTIFICATIONS PEDESTAL LUMINOUS LITEGUIDE	UL/CUL approved for wet locations. AASHTO RATING: 90MPH, 1.3 gust factor.
WARRANTY	5 YEAR	Limited



ORDERING INFORMATION							
PREFIX ABOVE GRADE HEIGHT	WATTAGE	COLOR TEMP. OR COLOR	LIGHTGUIDE	VOLTAGE/ WIRING METHOD	CONTROLS	FINISH BASE & TOP CAP	OPTIONS
WHITE LIGHT							
ES40 = 4' Lightguide ES60 = 6' Lightguide	40W	27K = 2700K 35K = 3500K 40K = 4000K 50K = 5000K	WT White translucent lightguide	INT1 = 120V Integral Power Supply INT2 = 277V Integral Power Supply	NO = No dimming CONTACT FACTORY FOR DMX DIMMING	TW = Textured White TN = Textured Natural TBL = Textured Black TS = Textured Sandstone	CRF Corrosion Resistant Finish
ES80 = 8' Lightguide ES100 = 10' Lightguide ES120 = 12' Lightguide	80W	27K = 2700K 35K = 3500K 40K = 4000K 50K = 5000K					
RGB & RGBW COLOR CHANGING							
ES40 = 4' Lightguide ES60 = 6' Lightguide	40W	RGB (Discreet) RGBW (Discreet)	WT White translucent lightguide	INT1 = 120V Integral Power Supply INT2 = 277V Integral Power Supply	DMX = DMX control protocol RGB & RGBW requires a DMX controller for proper mixing. Must order separately.	TW = Textured White TN = Textured Natural TBL = Textured Black TS = Textured Sandstone	CRF Corrosion Resistant Finish
ES80 = 8' Lightguide ES100 = 10' Lightguide ES120 = 12' Lightguide	80W	RGB (Discreet) RGBW (Discreet)					
RGB & RGBW Notes: • All Color Changing products require a DMX programmer for proper mixing. Must order separately * • For DMX controls, please refer to www.insightlighting.com/products.php?family=LED%20Controls • One LPT Programming Tool is required for field re-addressing of factory DMX settings. See below.							
DMX DISTRIBUTION & PROGRAMMING KIT - REQUIRED FOR RGB & RGBW COLOR CHANGING INSTALLATIONS							
CATALOG NUMBER	DESCRIPTION						
LPT	DMX PROGRAMMING TOOL: One LPT is required for field re-addressing of factory DMX settings.						
CDS-A	DMX DISTRIBUTION KIT ONLY (3 OUTPUTS): CDS-A consists of three outputs. Each output accommodates up to 32 fixtures in INT/REM wiring methods and unlimited fixtures in ACV wiring method. Four terminators are included for use as required.						



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