

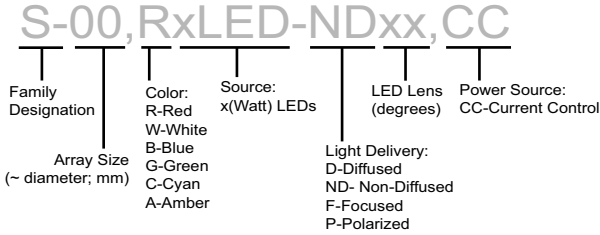
## NERLITE® S-20 Series Area Array Illuminators

**Description:** S-20 Area Arrays employ a round or 'spot' design providing light from a specific direction onto the field of view. The direction of the illumination is dependent upon the mounting position.

**Applications:** S-20 Series modules may be used as dark-field (creating shadows and specular reflection), as bright-field (for diffused surfaces), or backlighting when configured with a diffuser.

Model #	Description
010-656014	S20, W3 LED-ND10, CC, 3M (9.8 ft) CBL w/M12

Description Key Example



### Illumination & Electrical:

**Lighting Technique:** Bright or Dark-field  
**Light Output Area:** 22.5 mm (0.89 in.)  
**Light Characteristics:**

Source	Color (nm)	Exp. Life	Max. Current <sup>1</sup>	
			Continuous	
LED	White 5500 Kelvin	50k hrs.	700 mA	

<sup>1</sup> Exceeding maximum current voids product warranty

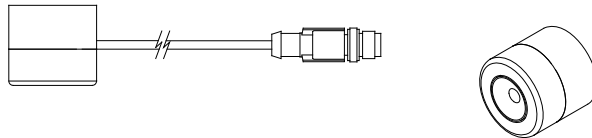
### Environmental:

**Max. Operating Humidity:** 95% non-condensing  
**Operating Temp.** 40°C (104°F)  
**Storage Temp.** 50°C (122°F)

**CE Conformity:** TBD

### Mechanical:

**OD x H (mm/in.):** 38.1mm x 34.8 mm (1.50 in. x 1.37 in.)  
**Mounting:** (2) M6 X 9.6 (.38 in.) Deep  
**Housing Material:** Black Anodized Aluminum  
**Weight:** 90.7 grams (3.2 oz.)



### Cables;/Connectors:

Models	w/M12
Length	3.0 M (9.8 ft.)
Connector	M12, MALE
Pin# 1	V+
PIN# 3	V-

