



SPECIFICATIONS

Housing

Dustproof and water proof IP65 rated. Die cast aluminum body with clear polycarbonate cover.

Optical System

Clear polycarbonate 3 degree luminous angle lens.

LED

Nine LED array. Available in white 2700K, 5500K and 6500K standard. Available in red, blue and green.

LED Driver

21 watt, 120/277v, 86% efficiency, 700mA. Over voltage, over current, short circuit protection. UL listed, UL8750, CSA-C22.2 NO. 223-M91. Operating temperature range -40°C to +60°C.

Driver Housing

2-Gang, 4.5" x 4.5" x 2" deep, die cast aluminum .094" thick box with powder finish. Three 1/2" threaded outlets (1 in each end, 1 in back). Includes two close-up plugs, self tap

ping ground screw and detachable lugs. Formed .040" aluminum cover. UL Listed and CSA Approved. Comply with Federal Specification AA-50563. Suitable for damp or wet locations. Standard color gray.

Adjustable Mounting Bracket

14 ga. thick aluminum with anodized finish. Four pivot locking screws. Pivots from 0° to 49°. Custom mounting options available. Contact factory.

Finish

Anodized aluminum.

Fixture Warranty

50,000 Hours L70. 5 year Warranty.

Maximum Operating Temperature

Operating Temperature -30°C to +50°C (-22°F to 122°F). Storage temperature -30°C to +60°C (-22°F to 140°F).

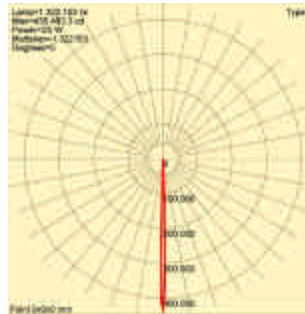
Photometric Information

Contact factory.

Certification and Labels

UL listed, IP65 rated for wet locations. RoHS compliant.

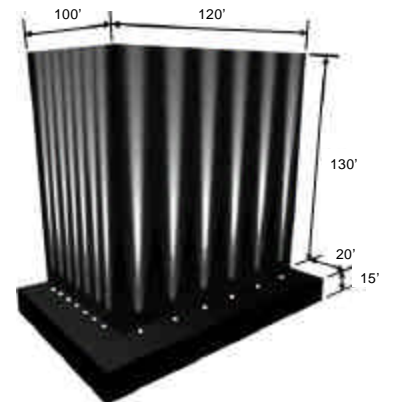
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



SP2983

LED

3° Narrow Beam Spotlight Luminaire



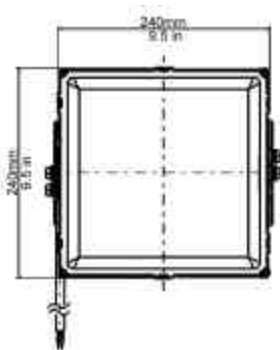
Also available.



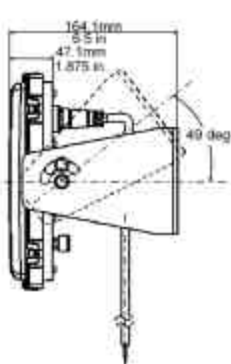
in RED, BLUE or GREEN

DIMENSIONS

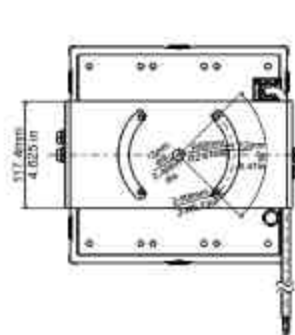
Front View



Side View



Bottom View



WBE City of Chicago Certified

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 Established 1975





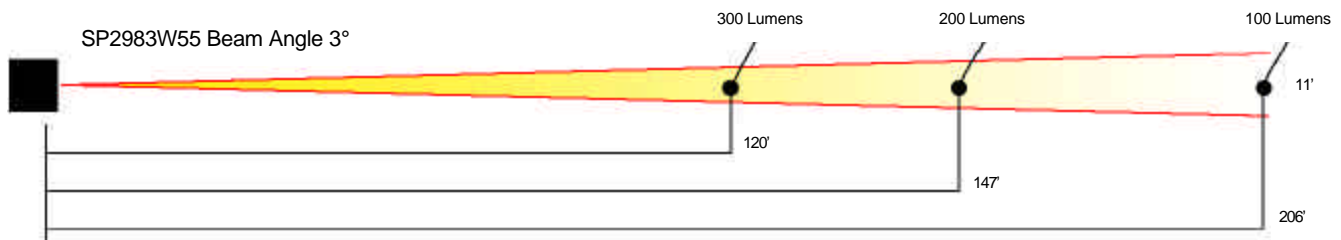
HOW TO ORDER



SP2983

Catalog Number	Color	Total System Watts	Color Temp	CRI	Initial Lumens	Luminous Intensity (CD)
SP2983W27	White	21W	2700K	80	950	310,000
SP2983W55	White	21W	5500K	70	1330	436,000
SP2983W65	White	21W	6500K	70	1330	436,000
SP2983R	Red	21W	622.5K wavelength	N/A	16	4,600
SP2983B	Blue	21W	472.5K wavelength	N/A	12	4,600
SP2983G	Green	21W	525K wavelength	N/A	28	11,000

Beam Strength Measurement Over Distance



SP2983 Comparison with Conventional Spotlights

Fixture	SP2983W55	Conventional Spotlight	
Light Source	LED	Mercury Lamp	Metal Halide Lamp
Luminous Intensity (CD)	436,000	336,000	390,000
Wattage	21	460	290
Life (hr.)	>50,000	12,000	