

Quartzlite™ 500/1500 Floodlight

300 W thru 1500 W quartz tungsten halogen lamps.

Applications

- Heavy duty, weatherproof floodlights for industrial, commercial, and sports applications where efficient, controlled distribution is required. Widely used for:
 - Sports and amusement areas
 - Sign lighting
 - Parking lots
 - Accent lighting
 - Security lighting
 - Similar applications

Features

- Choice of mounting fittings and accessories to meet installation needs.
- Rugged, compact, lightweight design; easy to install and maintain. Cool operating, long lamp life.
- Quartzlite 500 uses 500 W or 300 W 120 Volts or 130V T-3 quartz tungsten halogen lamps with exceptional efficiency and economy.
- Quartzlite 1500 uses T-3 quartz tungsten halogen lamps. Available for use with 1500 W lamps for 208, 220, 240, and 277 Volt operation; for 1250 W lamps, 208 Volt operation; and for 1000 W lamps, 220 or 240 Volts operation.
- 1500 W unit housing has integral fins for maximum heat dissipation. Hinged door has thermal shock and impact resistant glass lens.

Standard Materials

- Housing and lens door: rugged, corrosion resistant, one-piece pressure-cast aluminum
- Hex-head bolts: two 5/16"/8.0 mm
- Thermal shock and impact resistant glass
- Gasket: heavy, one-piece silicone rubber to resist high temperatures
- Reflector: precision parabolic design, natural finish aluminum for maximum efficiency
- Swivel mounting arm: heavy duty, degree-marked swivel mounting arm with 3/4"/19.1 mm pipe thread and locknut

Standard Finishes

- Housing and hinged lens door: architectural bronze polyester finish

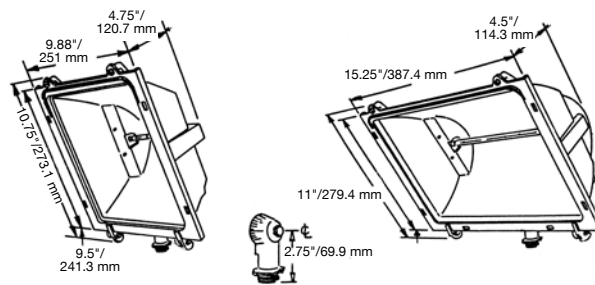


Quartzlite™ 500
Projected Area:
1.2 Sq. Ft/0.14 Sq. M



Quartzlite™ 1500
Projected Area:
0.7 Sq. Ft/0.07 Sq. M

Dimensions



Certifications and Compliances

- UL Listed: E22558
- UL Standard: 1598
- CSA Certified: LR9349

Description	NEMA Type	Beam Spread		Lumens	Candlepower		Catalog Number	
		Horizontal	Vertical		Maximum	Average Maximum	With Lamp	Without Lamp
<i>(Illumination based on use of T-3 Quartz tungsten Halogen lamps)</i>								
Quartzlite™ 1500								
Wide Beam	6 x 6	128.0°	103.0°	23,218	18,689	17,564	G-1500L240 ① G-1500L277 ②	G-1500-③
Quartzlite™ 500								
Wide	5 x 5	95°	92°	6,846	8,416	7,685	G-500-5-L130 ④	G-500-5 ⑤

① Furnished with 1500 W lamps for 240 V line operation.

② Furnished with 1500 W lamps for 277 V line operation.


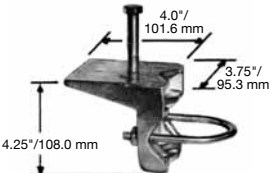
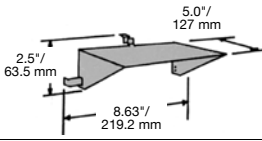
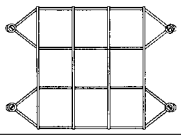
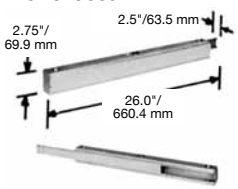
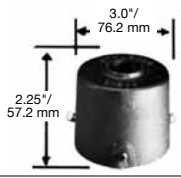
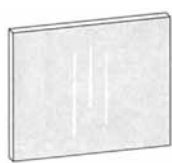
③ For 1500 W lamps for 208, 220, 240 or 277 V line operation; 1250 W lamps for 208 V line operation; 1000 W lamps for 220 or 240 V line operation.

④ Furnished with 500 W lamps for 120 or 130 V line operation.

⑤ For 300 W or 500 W lamps for 120 or 130 V line operation.

Quartzlite™ 500/1500 Floodlight Mounting Fittings and Accessories

300 W thru 1500 W quartz tungsten halogen lamps.

	Description	Catalog Number
 <p>1.88" / 47.8 mm 3.0" / 76.2 mm 2.63" / 66.8 mm 3.88" / 98.6 mm</p>	<p>Crossarm Mount and Wiring Compartment</p> <p>180° horizontal position scale, mounts with bolt (not furnished). Aluminum with architectural bronze polyester finish. Includes cord grip.</p>	G-6028N
 <p>4.0" / 101.6 mm 3.75" / 95.3 mm 4.25" / 108.0 mm</p>	<p>Pipe or Wall Mount Bracket</p> <p>Mounts on 1" to 2"/25.4 to 50.8 mm pipe, vertical or horizontal, or mounts on flat surfaces (used with G-6028N). Includes U-bolts and bolt for G-6028N. Malleable iron, zinc plated, chromate sealed, architectural bronze polyester finish.</p>	G-VB101
 <p>5.0" / 127 mm 2.5" / 63.5 mm 8.63" / 219.2 mm</p>	<p>Top Visor</p> <p>500 W</p>	GMM4V
	<p>Wire Guard</p> <p>500 W</p>	G-506
 <p>2.75" / 69.9 mm 2.5" / 63.5 mm 26.0" / 660.4 mm</p>	<p>Channel Crossarm</p> <p>Extruded aluminum, with slide-off cover. Has six 3/4"/19.1 mm threaded holes, with three close-up plugs. Mounts five 500 W or four 1500 W Quartzlites. Mounts on 3/4"/19.1 mm conduit or G-810 poletop fitter.</p>	G-6017
 <p>3.0" / 76.2 mm 2.25" / 57.2 mm</p>	<p>Poletop Fitter</p> <p>Cast aluminum, for mounting to 1-1/2" or 2"/38.1 to 50.8 mm pipe. Has setscrews for securing to pole, 3/4"/19.1mm tapped top hub to accommodate Quartzlite or Channel Crossarm above. Architectural bronze polyester finish.</p>	G-810
	<p>Replacement Lens Frame Assembly</p> <p>500 W</p> <p>1500 W</p>	G5005RFL G1500RFL
	<p>Replacement Lens</p> <p>500 W</p> <p>1500 W</p>	601252002 601252001

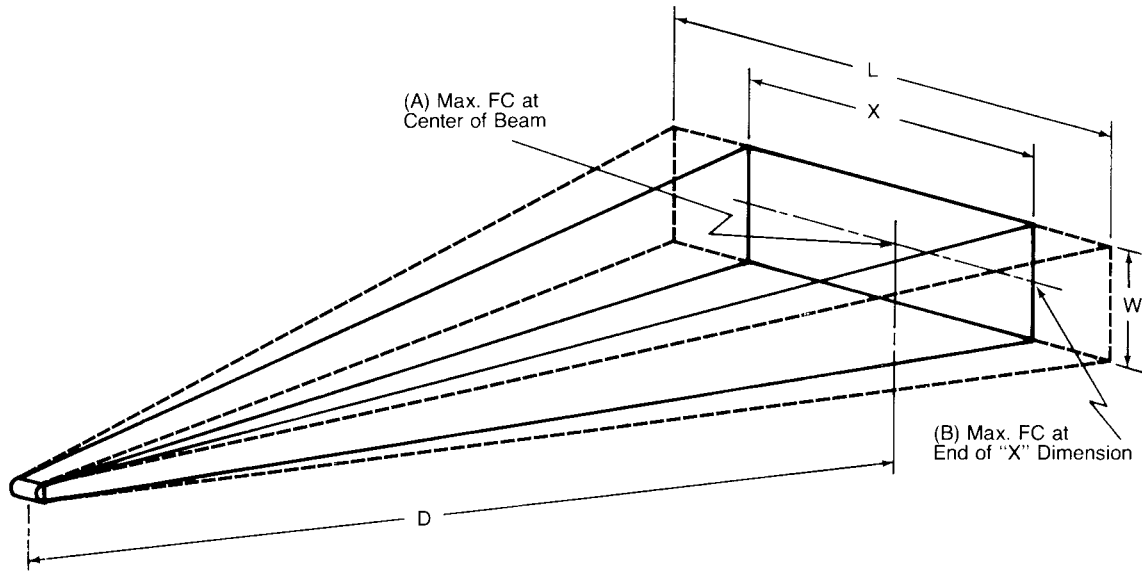
LIGHTING: GENERAL LIGHTING – AREA – FLOODLIGHTS

Lighting

Quartzlite™ 500/1500 Floodlights

Quick — Estimate Illumination Table *

300 W thru 1500 W quartz tungsten halogen lamps.



Quartzlite™ 500

Beam Spread	D=10 Feet/3.0 Meters					D=20 Feet/6.1 Meters					D=40 Feet Spread/12.2 Meters Spread				
	A	B	L	W	X	A	B	L	W	X	A	B	L	W	X
Wide	77	44	24/ 7.3	19/ 5.8	10/ 3.0	19	11	48/ 14.6	38/ 11.6	21/ 6.4	5	3	96/ 29.3	77/ 23.5	42/ 12.8
	D=80 Feet/24.4 Meters					D=100 Feet/30.5 Meters					D=200 Feet/71.0 Meters				
	A	B	L	W	X	A	B	L	W	X	A	B	L	W	X
Wide	1.2	.7	192/ 58.5	153/ 46.6	83/ 25.3	.8	.4	240/ 73.2	190/ 57.9	104/ 31.7	.2	.1	481/ 146.6	383/ 116.7	208/ 63.4

Quartzlite™ 500

Beam Spread	D=10 Feet/3.0 Meters					D=20 Feet/6.1 Meters					D=40 Feet Spread/12.2 Meters Spread				
	A	B	L	W	X	A	B	L	W	X	A	B	L	W	X
Wide	176	74	33/ 10.1	24/ 7.3	13/ 4.0	44	19	67/ 20.4	48/ 14.6	25/ 7.6	11	5	133/ 40.5	95/ 29.0	51/ 15.5
	D=80 Feet/24.4 Meters					D=100 Feet/30.5 Meters					D=200 Feet/71.0 Meters				
	A	B	L	W	X	A	B	L	W	X	A	B	L	W	X
Wide	3	1.2	266/ 81.1	191/ 58.2	102/ 31.1	1.7	0.7	333/ 101.5	238/ 72.5	127/ 38.7	.4	.2	666/ 203.0	477/ 145.4	255/ 77.7

Note: To simplify proper beam overlapping, the size of "X" has been determined so that footcandles at edge (B) are approximately 1/3 of center intensity (A).

* Photometric charts available on request.

LIGHTING: GENERAL LIGHTING — AREA — FLOODLIGHTS

Lighting