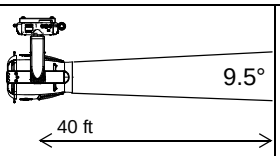
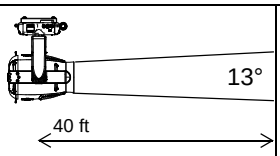
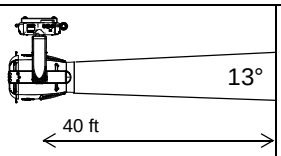
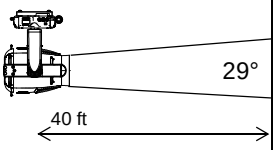
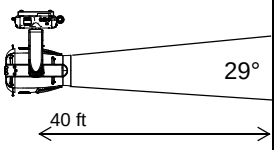
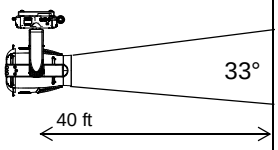
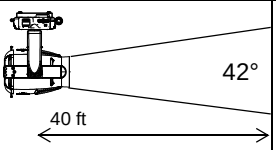
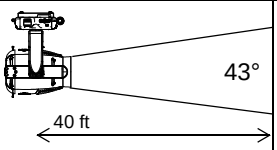
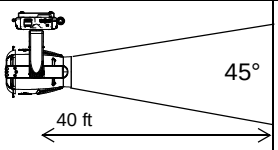
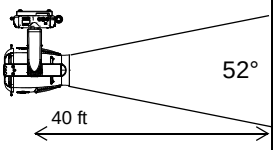
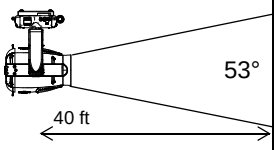
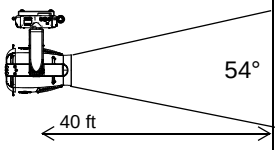
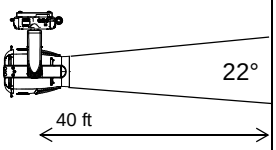
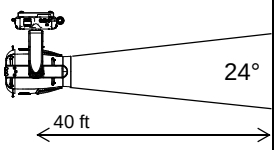
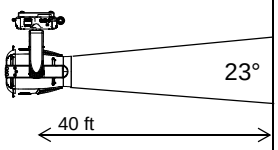
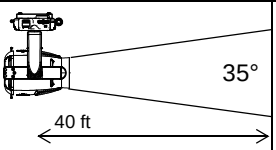
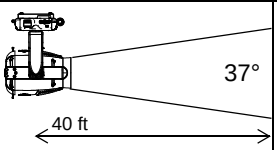
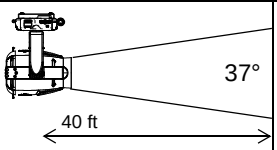
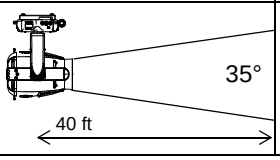
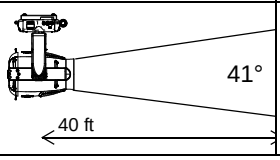
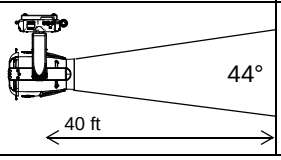
VL3500 Wash
Photometric Data

Front Lens

Internal Lens			Clear		Stippled		Fresnel	
Vari-Brite		open		59900 lm 4140 fc *44560 lux* ø = 6.5 ft TN: .166		54400 lm 2040 fc *21930 lux* ø = 9 ft TN: .228		44800 lm 1640 fc *17630 lux* ø = 9 ft TN: .228
Buxom		narrow		41810 lm 325 fc *3500 lux* ø = 21 ft TN: .517		39300 lm 288 fc *3100 lux* ø = 21 ft TN: .517		30500 lm 171 fc *1840 lux* ø = 24 ft TN: .592
		mid		49900 lm 155 fc *1660 lux* ø = 31 ft TN: .768		47500 lm 142 fc *1530 lux* ø = 32 ft TN: .788		38400 lm 105 fc *1130 lux* ø = 33 ft TN: .828
		wide		50000 lm 121 fc *1300 lux* ø = 39 ft TN: .975		47900 lm 97 fc *1040 lux* ø = 40 ft TN: .997		42700 lm 78 fc *840 lux* ø = 41 ft TN: 1.02
Fresnel		narrow		52200 lm 803 fc *8630 lux* ø = 16 ft TN: .388		49900 lm 608 fc *6540 lux* ø = 17 ft TN: .425		48000 lm 563 fc *6060 lux* ø = 16 ft TN: .407
		mid		41100 lm 310 fc *3330 lux* ø = 25 ft TN: .631		40800 lm 245 fc *2640 lux* ø = 27 ft TN: .669		40500 lm 216 fc *2320 lux* ø = 27 ft TN: .669
		wide		23200 lm 212 fc *2280 lux* ø = 25 ft TN: .631		26100 lm 182 fc *1960 lux* ø = 30 ft TN: .748		26500 lm 124 fc *1340 lux* ø = 32 ft TN: .808

Notes:

1. All measurements were taken using Osram SharXS® HTI® 1500 W/D7/60 lamps.
2. Light output values are nominal and based on the average output of a sample of production luminaires.
3. The illuminance (I) values listed in foot candles (fc) and lux are measurements taken at the center of the beam.
4. Vari-Brite mode was set to DMX value 255, which opens (splits) the internal lens for maximum light output.
5. Internal-lens Zoom settings: narrow (rear position - DMX = 0), mid (mid position - DMX = 127), wide (front position - DMX = 255).
6. TN values: For the beam angles listed in the table, the coverage diameter (ø) = TN x D (throw distance). For example, a Clear front lens and a Buxom internal lens at the narrow Zoom setting produces a beam with an angle of ~29º, which provides ø = 21 ft at D = 40 ft. For other distances (D) at this Zoom setting, multiply the TN for 29º x D. For example, at 50 ft, ø = .517 x 50 = 26 ft. Conversely, to get ø = 30 ft with the 29º angle, D = ø/TN = 30/.517 = 58 ft. You can use the TN values for the other beam angles in the same way.
7. Graphic illustrations in this table are representations only. Do not scale.

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