

Key: Diameter 10%-50%: beam diameter for 10% and 50% of maximum illumination

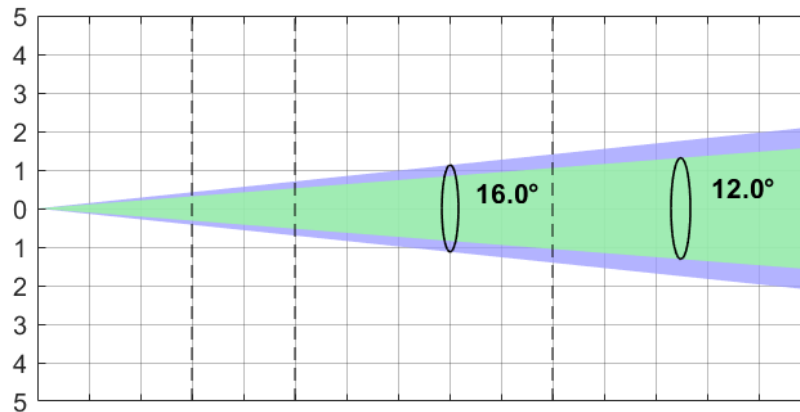
***Lumen values detected with integrating sphere**

Minimum Zoom – X axis

FULL Color (Constant mode) (16° 10% - 12° 50%)

Total Output: 6090 lumens

lux (fc) 0 40350 (3749) 14526 (1349) 3632 (337) 1614 (150)

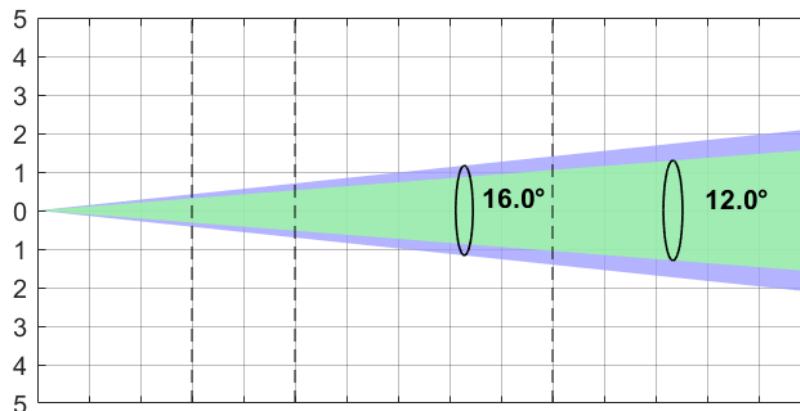


Distance	m (ft in)	0	3 (9' 10")	5 (16' 5")	10 (32' 10")	15 (49' 3")
Diameter 10%	m (ft in)	0	1.65 (5' 5")	2.75 (9' 0")	5.50 (18' 1")	8.25 (27' 1")
Diameter 50%	m (ft in)	0	1.07 (3' 6")	1.78 (5' 10")	3.56 (11' 8")	5.34 (17' 6")

RED (Constant mode) (16° 10% - 12° 50%)

Total Output: 1837 lumens

lux (fc) 0 11839 (1100) 4262 (396) 1066 (99) 474 (44)

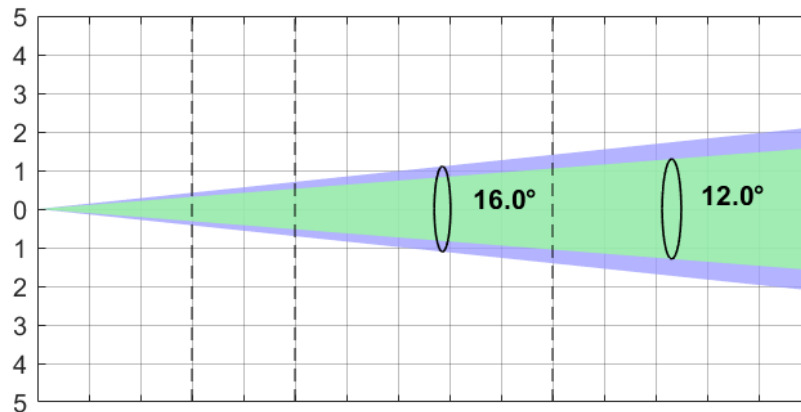


Distance	m (ft in)	0	3 (9' 10")	5 (16' 5")	10 (32' 10")	15 (49' 3")
Diameter 10%	m (ft in)	0	1.67 (5' 6")	2.79 (9' 2")	5.58 (18' 4")	8.37 (27' 6")
Diameter 50%	m (ft in)	0	1.12 (3' 8")	1.86 (6' 1")	3.72 (12' 2")	5.58 (18' 4")

GREEN (Constant mode) (16° 10% - 12° 50%)

Total Output: 2424 lumens

lux (fc) 0 16169 (1502) 5821 (541) 1455 (135) 647 (60)

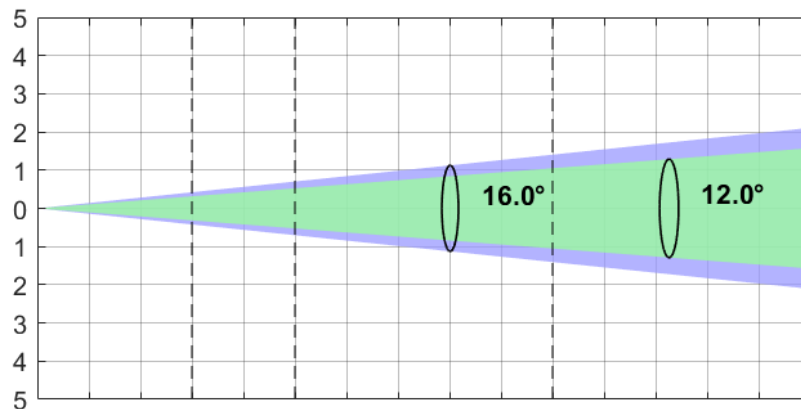


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Diameter 10%	m (ft in)	0	1.65 (5' 5")	2.75 (9' 0")	5.50 (18' 1")	8.25 (27' 1")
Diameter 50%	m (ft in)	0	1.06 (3' 6")	1.77 (5' 10")	3.54 (11' 7")	5.31 (17' 5")

BLUE (Constant mode) (16° 10% - 12° 50%)

Total Output: 413 lumens

lux (fc) 0 2769 (257) 997 (93) 249 (23) 111 (10)

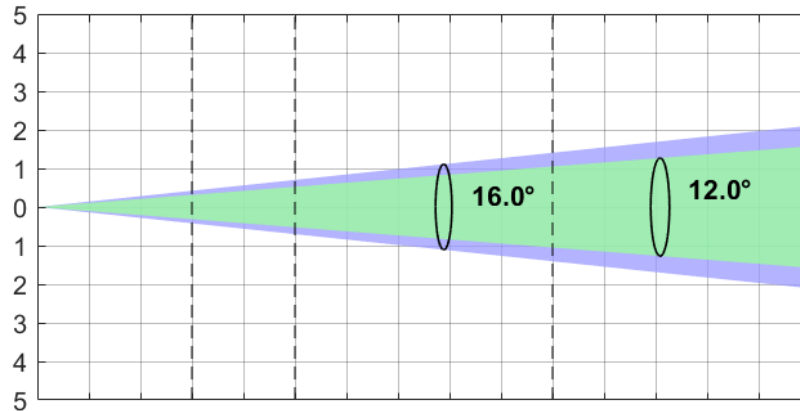


Distance	m (ft in)	0	3 (9' 10")	5 (16' 5")	10 (32' 10")	15 (49' 3")
Diameter 10%	m (ft in)	0	1.73 (5' 8")	2.89 (9' 6")	5.78 (18' 12")	8.67 (28' 5")
Diameter 50%	m (ft in)	0	1.18 (3' 11")	1.97 (6' 6")	3.94 (12' 11")	5.91 (19' 5")

WHITE (Constant mode) (16° 10% - 12° 50%)

Total Output: 3863 lumens

lux (fc) 0 24917 (2315) 8970 (833) 2243 (208) 997 (93)



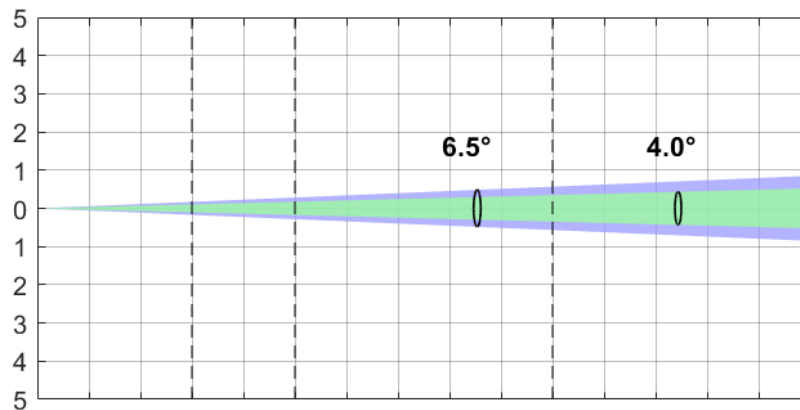
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Diameter 50% m (ft in)		0	1.08 (3' 7")	1.80 (5' 11")	3.60 (11' 10")	5.40 (17' 9")

Minimum Zoom – Y axis

FULL Color (Constant mode) (6.5° 10% - 4° 50%)

Total Output: 6090 lumens

lux (fc) 0 40350 (3749) 14526 (1349) 3632 (337) 1614 (150)

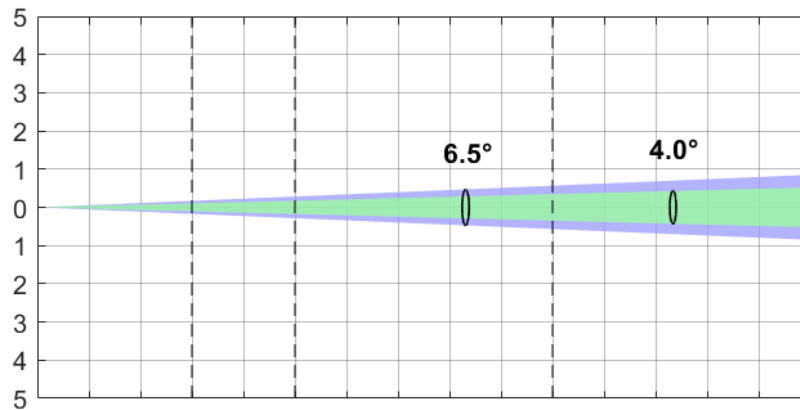


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RED (Constant mode) (6.5° 10% - 4° 50%)

Total Output: 1837 lumens

lux (fc) 0 11839 (1100) 4262 (396) 1066 (99) 474 (44)

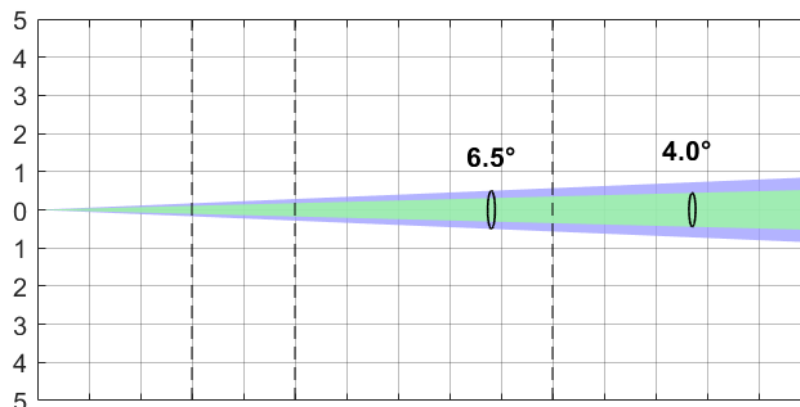


Distance	m (ft in)	0	3 (9' 10")	5 (16' 5")	10 (32' 10")	15 (49' 3")
Diameter 10% m (ft in)		0	1.67 (5' 6")	2.79 (9' 2")	5.58 (18' 4")	8.37 (27' 6")
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GREEN (Constant mode) (6.5° 10% - 4° 50%)

Total Output: 2424 lumens

lux (fc) 0 16169 (1502) 5821 (541) 1455 (135) 647 (60)

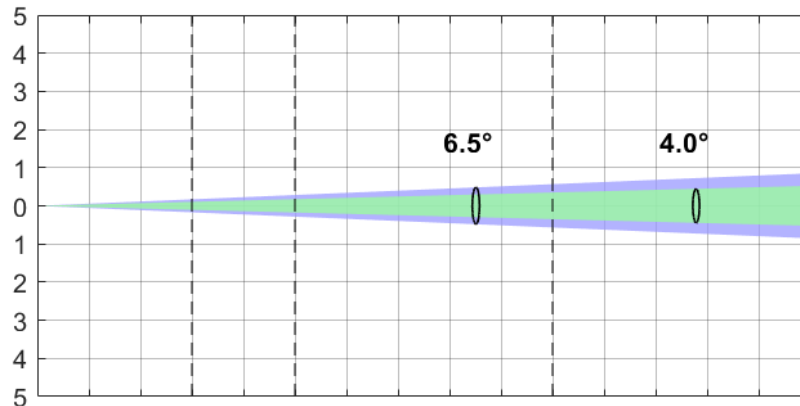


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BLUE (Constant mode) (6.5° 10% - 4° 50%)

Total Output: 413 lumens

lux (fc) 0 2769 (257) 997 (93) 249 (23) 111 (10)

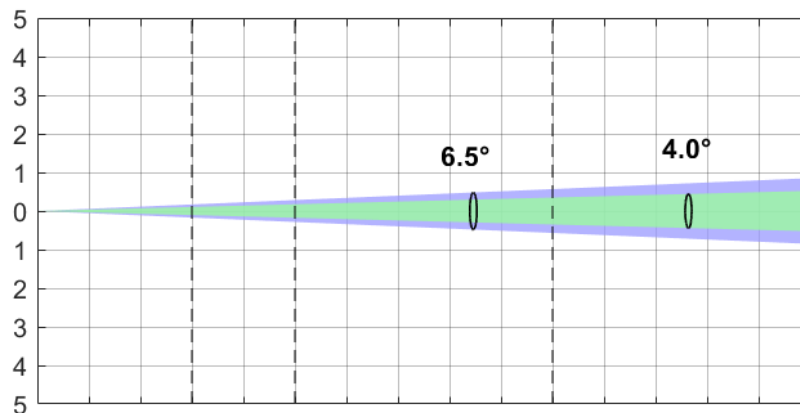


Distance	m (ft in)	0	3 (9' 10")	5 (16' 5")	10 (32' 10")	15 (49' 3")
Diameter 10% m (ft in)		0	1.73 (5' 8")	2.89 (9' 6")	5.78 (18' 12")	8.67 (28' 5")
Diameter 50% m (ft in)		0	1.18 (3' 11")	1.97 (6' 6")	3.94 (12' 11")	5.91 (19' 5")

WHITE (Constant mode) (6.5° 10% - 4° 50%)

Total Output: 3863 lumens

lux (fc) 0 24917 (2315) 8970 (833) 2243 (208) 997 (93)



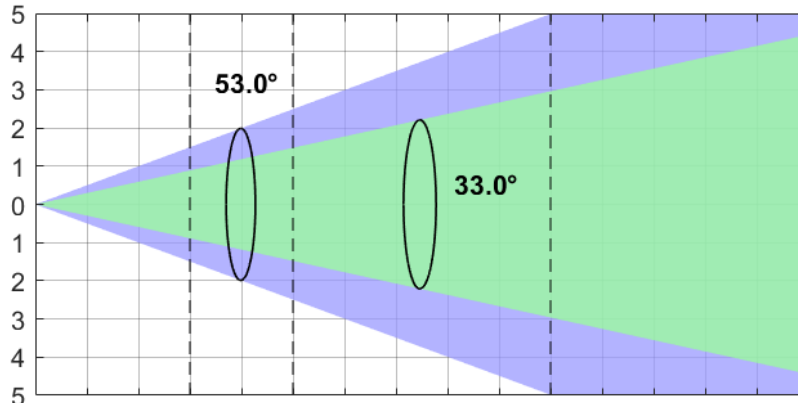
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Diameter 10% m (ft in)		0	1.65 (5' 5")	2.75 (9' 0")	5.50 (18' 1")	8.25 (27' 1")
Diameter 50% m (ft in)		0	1.08 (3' 7")	1.80 (5' 11")	3.60 (11' 10")	5.40 (17' 9")

Maximimu Zoom – X axis

FULL Color (Constant mode) (53° 10% - 33° 50%)

Total Output: 9934 lumens

lux (fc) 0 2694 (250) 970 (90) 243 (23) 108 (10)

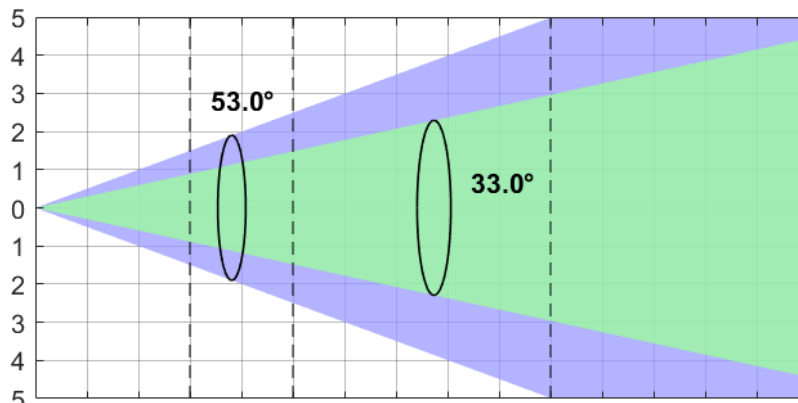


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Diameter 10%	m (ft in)	0	1.65 (5' 5")	2.75 (9' 0")	5.50 (18' 1")	8.25 (27' 1")
Diameter 50%	m (ft in)	0	1.07 (3' 6")	1.78 (5' 10")	3.56 (11' 8")	5.34 (17' 6")

RED (Constant mode) (53° 10% - 33° 50%)

Total Output: 2668 lumens

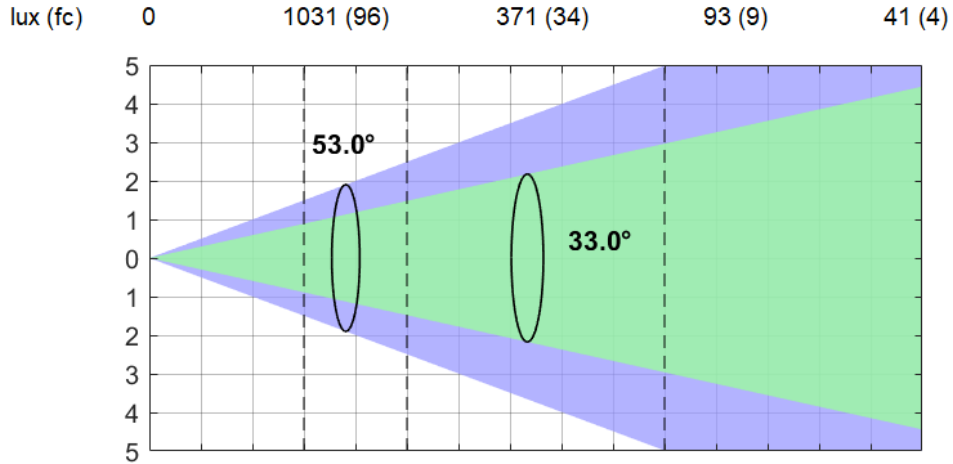
lux (fc) 0 706 (66) 254 (24) 64 (6) 28 (3)



Distance	m (ft in)	0	3 (9' 10")	5 (16' 5")	10 (32' 10")	15 (49' 3")
Diameter 10%	m (ft in)	0	1.67 (5' 6")	2.79 (9' 2")	5.58 (18' 4")	8.37 (27' 6")
Diameter 50%	m (ft in)	0	1.12 (3' 8")	1.86 (6' 1")	3.72 (12' 2")	5.58 (18' 4")

GREEN (Constant mode) (53° 10% - 33° 50%)

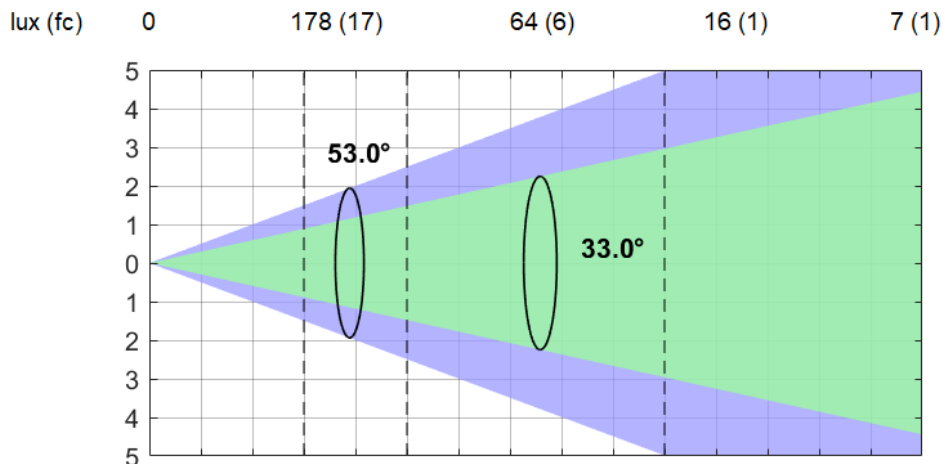
Total Output: 3803 lumens



Distance	m (ft in)	0	3 (9' 10")	5 (16' 5")	10 (32' 10")	15 (49' 3")
Diameter 10% m (ft in)		0	1.65 (5' 5")	2.75 (9' 0")	5.50 (18' 1")	8.25 (27' 1")
Diameter 50% m (ft in)		0	1.06 (3' 6")	1.77 (5' 10")	3.54 (11' 7")	5.31 (17' 5")

BLUE (Constant mode) (53° 10% - 33° 50%)

Total Output: 654 lumens

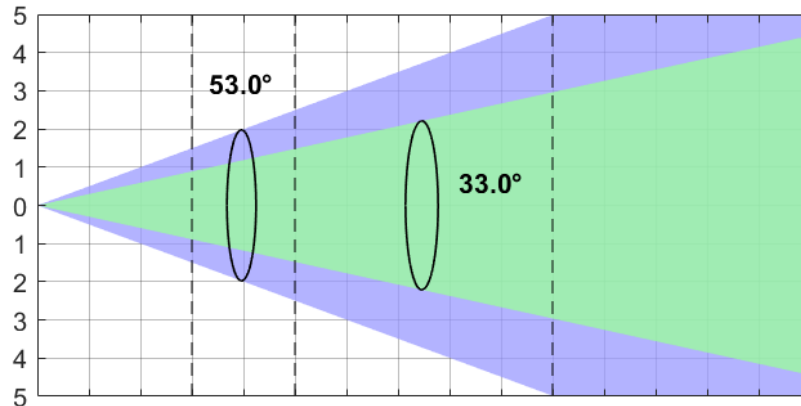


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Diameter 50% m (ft in)		0	1.18 (3' 11")	1.97 (6' 6")	3.94 (12' 11")	5.91 (19' 5")

WHITE (Constant mode) (53° 10% - 33° 50%)

Total Output: 6078 lumens

lux (fc) 0 1544 (143) 556 (52) 139 (13) 62 (6)



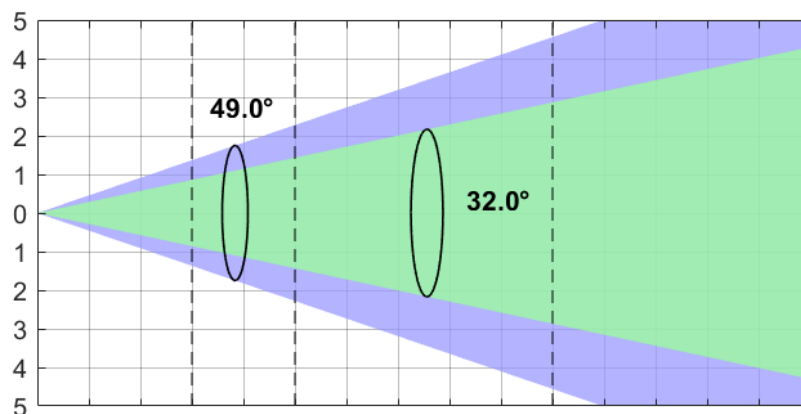
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Diameter 50% m (ft in)		0	1.08 (3' 7")	1.80 (5' 11")	3.60 (11' 10")	5.40 (17' 9")

Maximimu Zoom – Y axis

FULL Color (Constant mode) (49° 10% - 32° 50%)

Total Output: 9934 lumens

lux (fc) 0 2694 (250) 970 (90) 243 (23) 108 (10)

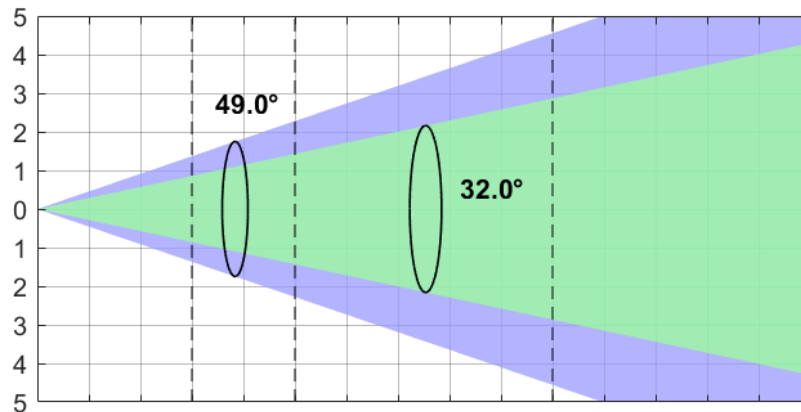


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RED (Constant mode) (49° 10% - 32° 50%)

Total Output: 2668 lumens

lux (fc) 0 706 (66) 254 (24) 64 (6) 28 (3)

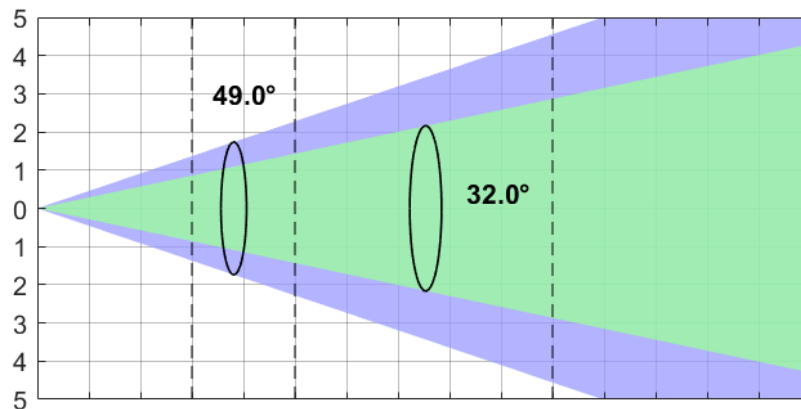


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GREEN (Constant mode) (49° 10% - 32° 50%)

Total Output: 3803 lumens

lux (fc) 0 1031 (96) 371 (34) 93 (9) 41 (4)

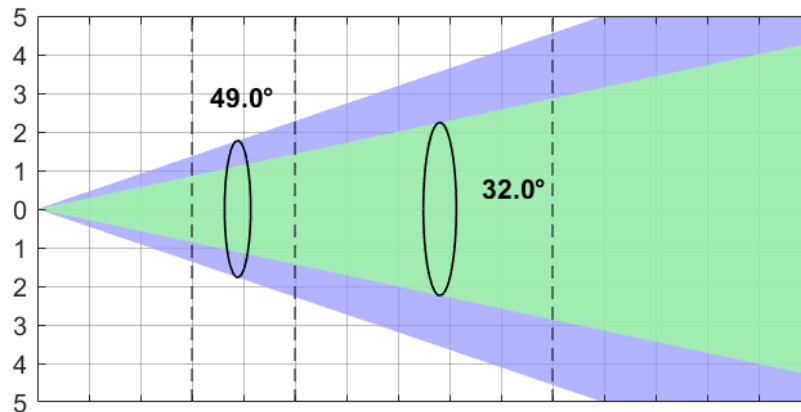


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BLUE (Constant mode) (49° 10% - 32° 50%)

Total Output: 654 lumens

lux (fc) 0 178 (17) 64 (6) 16 (1) 7 (1)

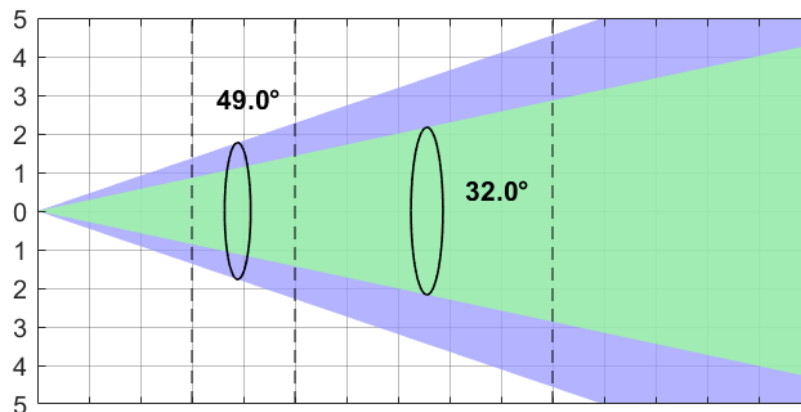


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