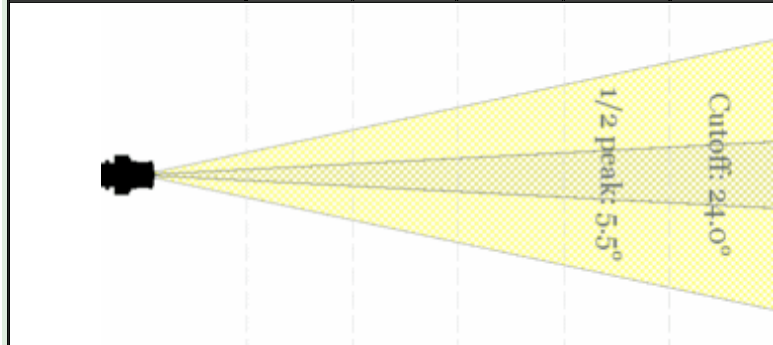


Philips MSD 150/2
Standard Lens (24°)

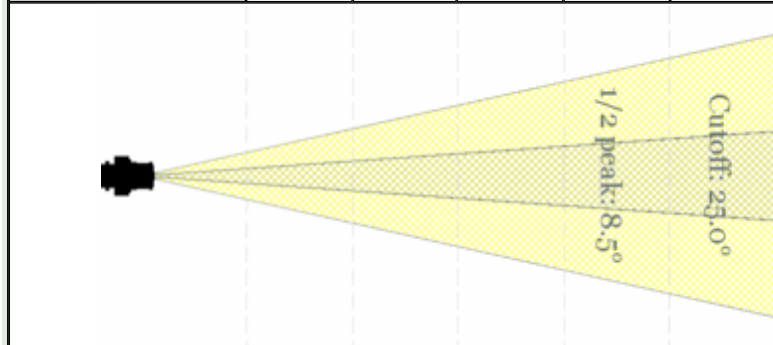
Distance (ft.)	10	20	30	39	49
Cutoff	4.3	8.5	12.8	16.6	20.8
1/2 peak	1.0	1.9	2.9	3.8	4.7
Illuminance (fc)	2180	545	242	143	91



Efficiency
44%
Half-peak diameter
0.10 X distance(ft)
Cutoff diameter
0.43 X distance(ft)
Illuminance
$218000 / \text{distance}^2 \text{ (fc)}$
Total Output
4600 (lumens)

Philips MSD 150/2
Standard (with diffuser) (25°)

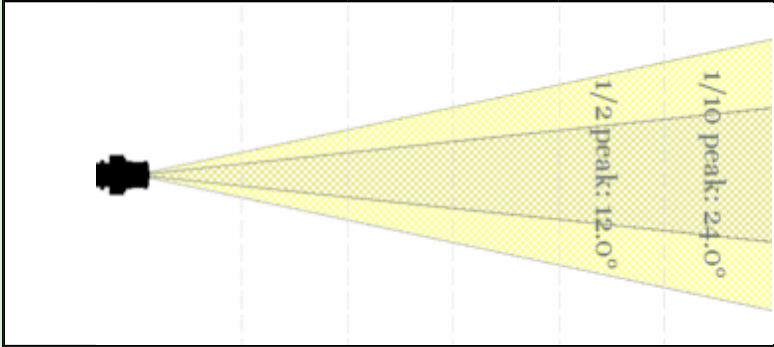
Distance (ft.)	10	20	30	39	49
Cutoff	4.4	8.9	13.3	17.3	21.7
1/2 peak	1.5	3.0	4.5	5.8	7.3
Illuminance (fc)	1180	295	131	78	49



Efficiency
37%
Half-peak diameter
0.15 X distance(ft)
Cutoff diameter
0.44 X distance(ft)
Illuminance
$118000 / \text{distance}^2 \text{ (fc)}$
Total Output
3900 (lumens)

Philips MSD 150/2
Standard (with diffuser + Wash lens) (24°)

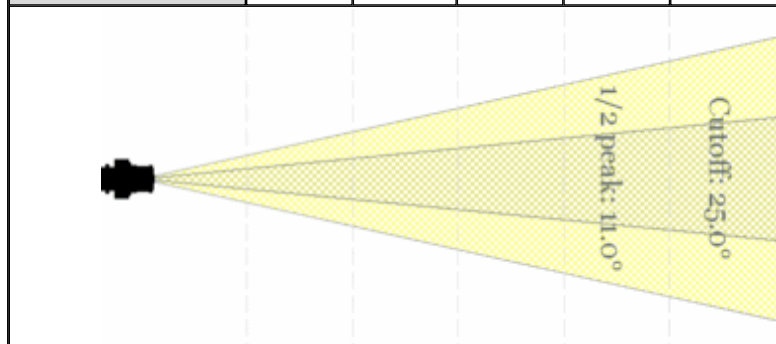
Distance (ft.)	7	13	20	26	33
1/10 peak	3.0	5.5	8.5	11.1	14.0
1/2 peak	1.5	2.7	4.2	5.5	6.9
Illuminance (fc)	1388	402	170	101	62



Efficiency
36%
Half-peak diameter
0.21 X distance(ft)
One-tenth peak diameter
0.43 X distance(ft)
Illuminance
$68000 / \text{distance}^2$ (fc)
Total Output
3800 (lumens)

PhilipsCDM-SA/T 150/942
Standard Lens (25°)

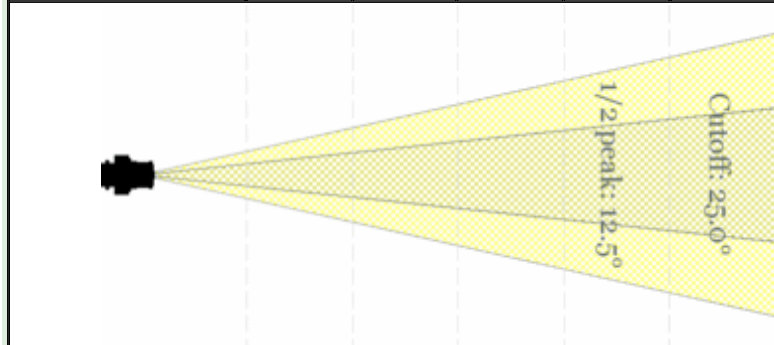
Distance (ft.)	7	13	20	26	33
Cutoff	3.1	5.8	8.9	11.5	14.6
1/2 peak	1.4	2.5	3.9	5.0	6.4
Illuminance (fc)	1898	550	232	138	85



Efficiency
31%
Half-peak diameter
0.19 X distance(ft)
Cutoff diameter
0.44 X distance(ft)
Illuminance
$93000 / \text{distance}^2$ (fc)
Total Output
4400 (lumens)

Philips CDM-SA/T 150/942
Standard (with diffuser) (25°)

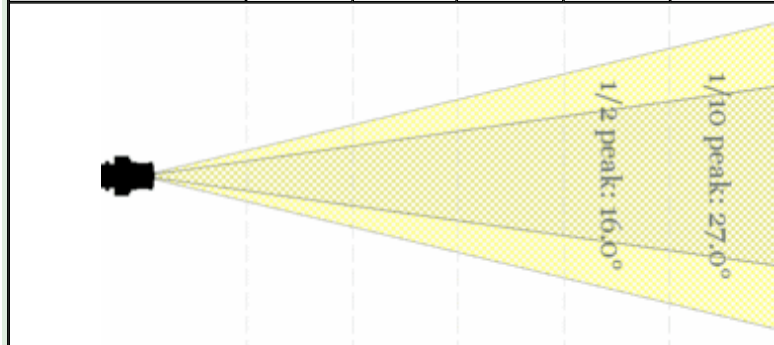
Distance (ft.)	7	13	20	26	33
Cutoff	3.1	5.8	8.9	11.5	14.6
1/2 peak	1.5	2.9	4.4	5.7	7.2
Illuminance (fc)	1388	402	170	101	62



Efficiency	
27%	
Half-peak diameter	
0.22 X distance(ft)	
Cutoff diameter	
0.44 X distance(ft)	
Illuminance	
$68000 / \text{distance}^2$ (fc)	
Total Output	
3700 (lumens)	

Philips CDM-SA/T 150/942
Standard (with diffuser + Wash lens) (27°)

Distance (ft.)	5	10	15	20	25
1/10 peak	2.4	4.8	7.2	9.6	12.0
1/2 peak	1.4	2.8	4.2	5.6	7.0
Illuminance (fc)	2040	510	227	128	82



Efficiency	
28%	
Half-peak diameter	
0.28 X distance(ft)	
One-tenth peak diameter	
0.48 X distance(ft)	
Illuminance	
$51000 / \text{distance}^2$ (fc)	
Total Output	
3900 (lumens)	