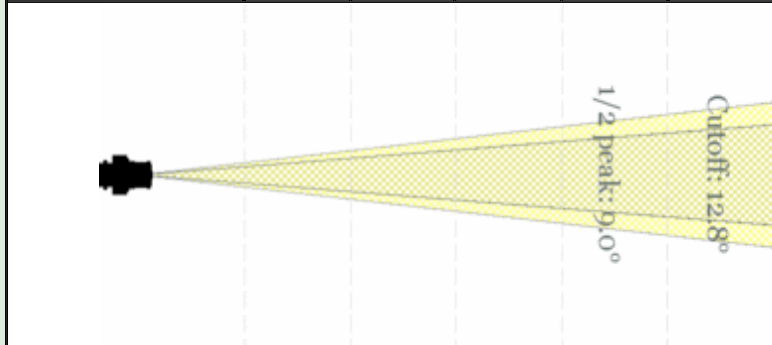


Magnetic ballast  
Standard Lens , Zoom at Minimum (12.8°)

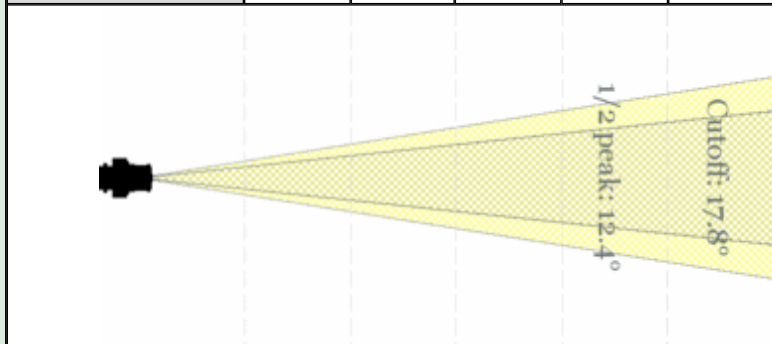
Distance (m.)	10	20	30	40	50
Cutoff	2.2	4.5	6.7	9.0	11.2
1/2 peak	1.6	3.2	4.7	6.3	7.9
Illuminance (lux)	9320	2330	1036	582	373



Efficiency
16%
Half-peak diameter
0.16 X distance(m)
Cutoff diameter
0.22 X distance(m)
Illuminance
$932000 / \text{distance}^2$ (lux)
Total Output
17800 (lumens)

Magnetic ballast  
Standard Lens , Zoom at Median (17.8°)

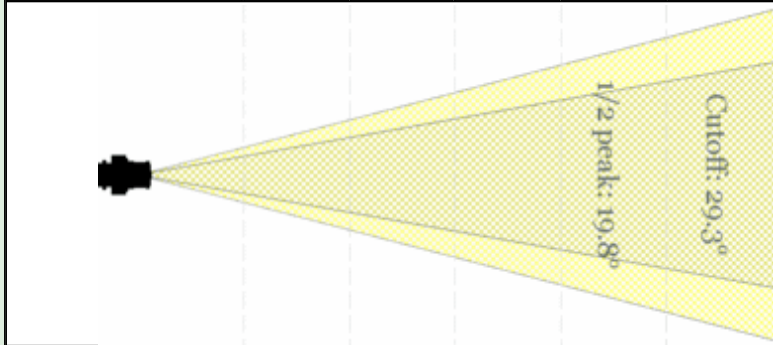
Distance (m.)	5	10	15	20	25
Cutoff	1.6	3.1	4.7	6.3	7.8
1/2 peak	1.1	2.2	3.3	4.4	5.4
Illuminance (lux)	18040	4510	2004	1128	722



Efficiency
15%
Half-peak diameter
0.22 X distance(m)
Cutoff diameter
0.31 X distance(m)
Illuminance
$451000 / \text{distance}^2$ (lux)
Total Output
16900 (lumens)

Magnetic ballast  
Standard Lens , Zoom at Maximum (29.3°)

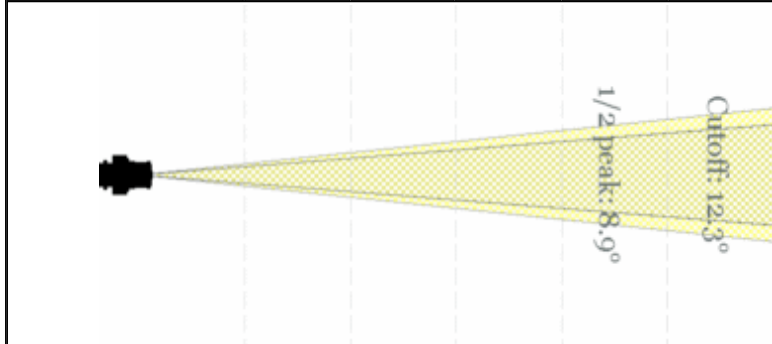
Distance (m.)	3	6	9	12	15
Cutoff	1.6	3.1	4.7	6.3	7.8
1/2 peak	1.1	2.1	3.1	4.2	5.2
Illuminance (lux)	18778	4694	2086	1174	751



Efficiency
16%
Half-peak diameter
0.35 X distance(m)
Cutoff diameter
0.52 X distance(m)
Illuminance
$169000 / \text{distance}^2$ (lux)
Total Output
17100 (lumens)

Electronic ballast  
Standard Lens , Zoom at Minimum (12.3°)

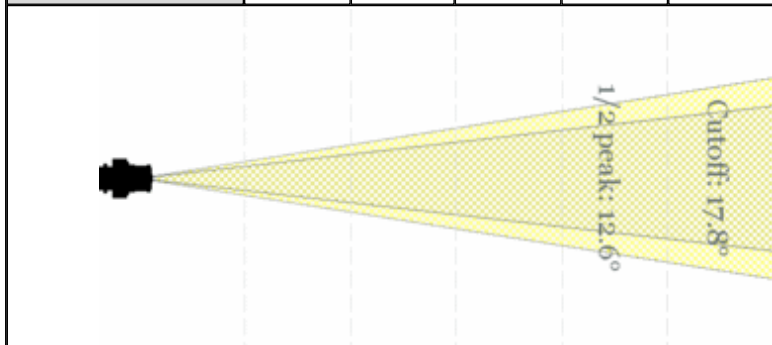
Distance (m.)	10	20	30	40	50
Cutoff	2.2	4.3	6.5	8.6	10.8
1/2 peak	1.6	3.1	4.7	6.2	7.8
Illuminance (lux)	10100	2525	1122	631	404



Efficiency	
17%	
Half-peak diameter	
0.16 X distance(m)	
Cutoff diameter	
0.22 X distance(m)	
Illuminance	
$1010000 / \text{distance}^2$ (lux)	
Total Output	
19000 (lumens)	

Electronic ballast  
Standard Lens , Zoom at Median (17.8°)

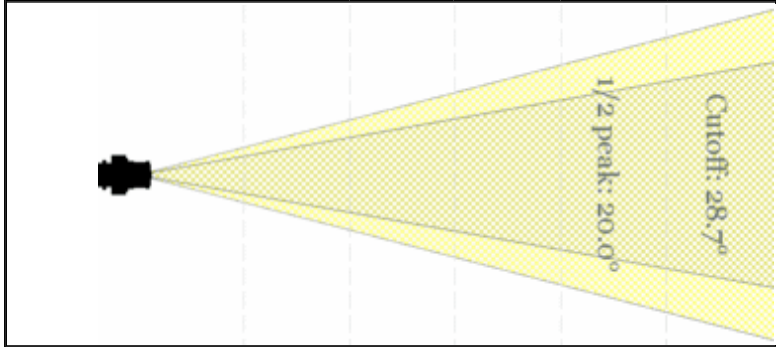
Distance (m.)	5	10	15	20	25
Cutoff	1.6	3.1	4.7	6.3	7.8
1/2 peak	1.1	2.2	3.3	4.4	5.5
Illuminance (lux)	18520	4630	2058	1158	741



Efficiency	
16%	
Half-peak diameter	
0.22 X distance(m)	
Cutoff diameter	
0.31 X distance(m)	
Illuminance	
$463000 / \text{distance}^2$ (lux)	
Total Output	
17800 (lumens)	

Electronic ballast  
Standard Lens , Zoom at Maximum (28.7°)

Distance (m.)	3	6	9	12	15
Cutoff	1.5	3.1	4.6	6.1	7.7
1/2 peak	1.1	2.1	3.2	4.2	5.3
Illuminance (lux)	19778	4944	2198	1236	791



Efficiency
16%
Half-peak diameter
0.35 X distance(m)
Cutoff diameter
0.51 X distance(m)
Illuminance
178000 / distance <sup>2</sup> (lux)
Total Output
18000 (lumens)