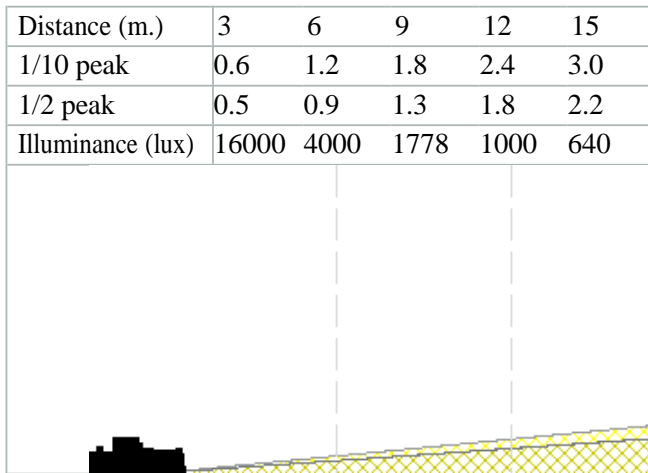


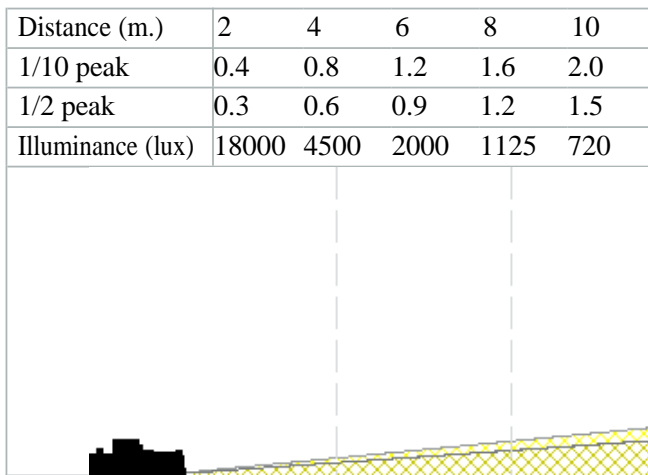
Standard (RGBW LEDs on) , Zoom at M (11.4°)



Efficacy
15 lumens per watt
Half-peak diameter
0.15 X distance(m)
One-tenth peak diameter
0.20 X distance(m)
Illuminance
$144000 / \text{distance}^2$ (lux)
Total Output
2900 (lumens)

[IES Data 2002](#)

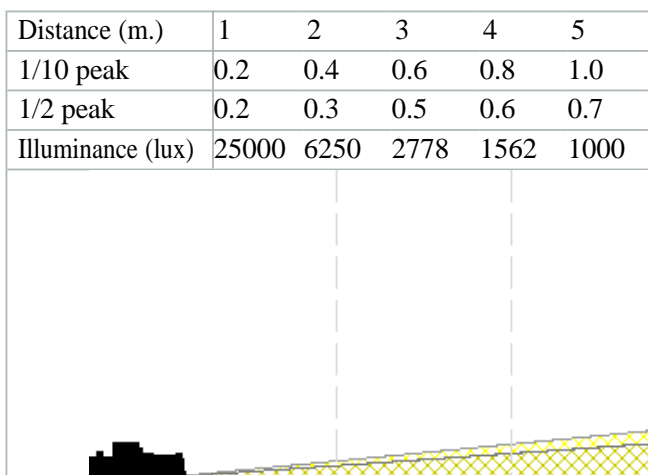
Standard (Only white LEDs on) , Zoom at M (11.4°)



Efficacy
21.6 lumens per watt
Half-peak diameter
0.15 X distance(m)
One-tenth peak diameter
0.20 X distance(m)
Illuminance
$72000 / \text{distance}^2$ (lux)
Total Output
1300 (lumens)

[IES Data 2002](#)

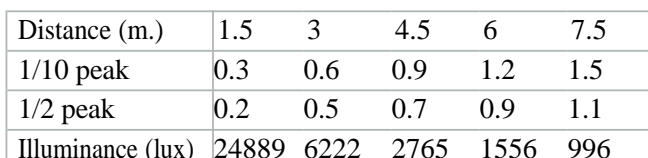
Standard (Only red LEDs on) , Zoom at M (11.4°)



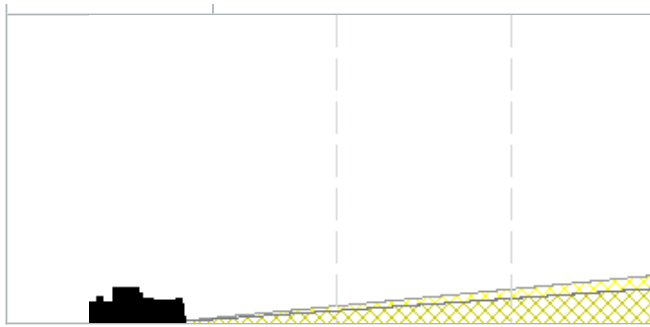
Efficacy
7.5 lumens per watt
Half-peak diameter
0.15 X distance(m)
One-tenth peak diameter
0.20 X distance(m)
Illuminance
$25000 / \text{distance}^2$ (lux)
Total Output
490 (lumens)

[IES Data 2002](#)

Standard (Only green LEDs on) , Zoom at M (11.4°)



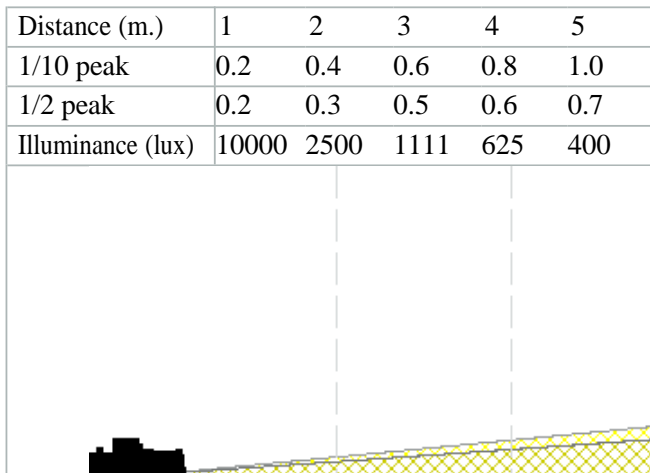
Efficacy
21.9 lumens per watt
Half-peak diameter



0.15 X distance(m)
One-tenth peak diameter
0.20 X distance(m)
Illuminance
$56000 / \text{distance}^2$ (lux)
Total Output
1100 (lumens)

[IES Data 2002](#)

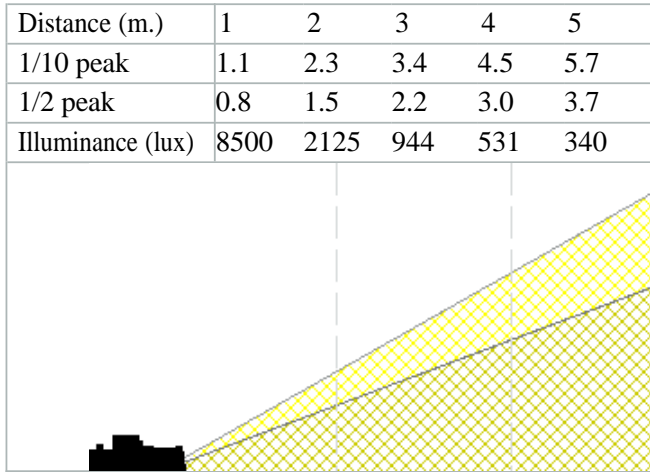
Standard (Only blue LEDs on) , Zoom at M (11.4°)



Efficacy
3 lumens per watt
Half-peak diameter
0.15 X distance(m)
One-tenth peak diameter
0.20 X distance(m)
Illuminance
$10000 / \text{distance}^2$ (lux)
Total Output
190 (lumens)

[IES Data 2002](#)

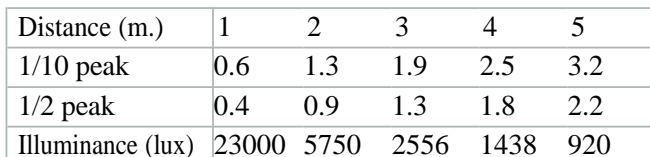
Standard (RGBW LEDs on) , Zoom at M (59°)



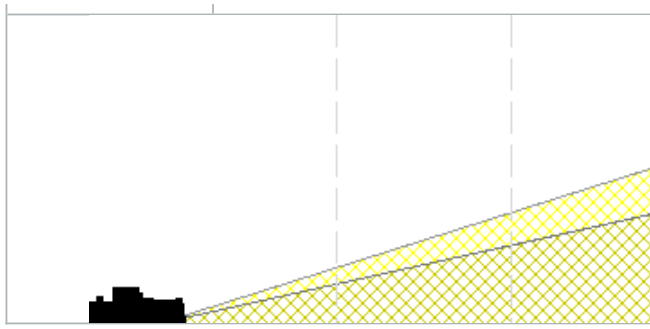
Efficacy
20.1 lumens per watt
Half-peak diameter
0.75 X distance(m)
One-tenth peak diameter
1.13 X distance(m)
Illuminance
$8500 / \text{distance}^2$ (lux)
Total Output
3800 (lumens)

[IES Data 2002](#)

Standard (RGBW LEDs on) , Zoom at M (35°)



Efficacy
19.1 lumens per watt
Half-peak diameter



0.44 X distance(m)
One-tenth peak diameter
0.63 X distance(m)
Illuminance
$23000 / \text{distance}^2$ (lux)
Total Output
3600 (lumens)

[IES Data 2002](#)