

**3 YEARS**  
WARRANTY



VIDEO



**LED SPOT LIGHT**

3W

5W

9W

**specification**

Product Name :	LED SPOT LIGHT
Model NO. :	NX-CS-3W-xx / NX-CS-5W-xx / NX-CS-9W-xx
Specification :	AC175-265V,50Hz ,26mA,3W / 5W / 9W
Working Temp :	-20~45(°C)
Power Factor :	0.5
CRI(ra) :	90
Body Color :	Black/Gold /Grey/Silver/White/Electrophoretic white
Light Source :	SMD 5050 / Smalite
Lumen :	80 lm / W
Life Time :	30000 hrs
Beam Angle :	24°
Adjustable Angle :	30°
Product Size :	Φ80*30mm / Φ90*30mm / Φ100*38mm
Cut Out:	Φ60-70mm / Φ70-80mm / Φ80-90mm
IP :	IP20
Application :	Home, Shop, Hotel...etc
Warranty :	3 years

Mark: Model NO. "xx" means "BL / GD / GREY / SL / WH / WH-ELC "

**Color Temperature:**

**3000K / 4000K / 6500K**



# 3W

## LUMINAIRE PHOTOMETRIC TEST REPORT

### Luminaire Property

Luminaire Manufacturer: NEXLEDS  
Luminaire Category:  
Current: 0.027 A  
Power Factor: 0.502

Report No.: NX-CS-3W  
Voltage: 217.8 V  
Power: 2.98 W

### Photometric Results

CIE Class: Direct  
Measurement Flux: 268.7 lm  
Downward Ratio: 95%  
Horizontal Diffuse Angle(25%,50%): H36,H24.9  
Vertical Diffuse Angle(25%,50%): V36.8,V25.9  
Luminaire Efficacy Rating (LER): 90.20  
Max. Intensity: 946.1 cd  
S/MH(C0/C180): 0.42

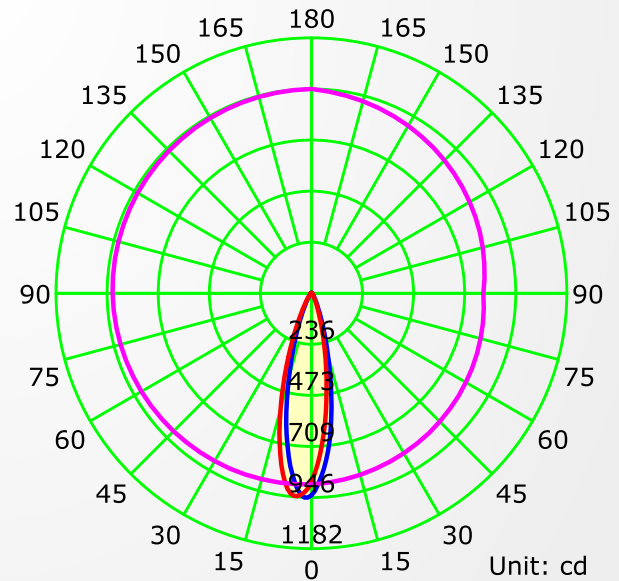
Total Rated Lamp Lumens: 268.7 lm  
Efficiency: 100%  
Upward Ratio: 5%

Central Intensity: 934.97 cd  
Pos of Max. Intensity: H180 V2  
S/MH(C90/C270): 0.46

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 25.0°

— C0-C180 — C90-C270 — G2

C Plane (°):0.0-360.0: 90.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 24  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600  
Distance: 9.669 m  
Humidity: 70  
Inspector:



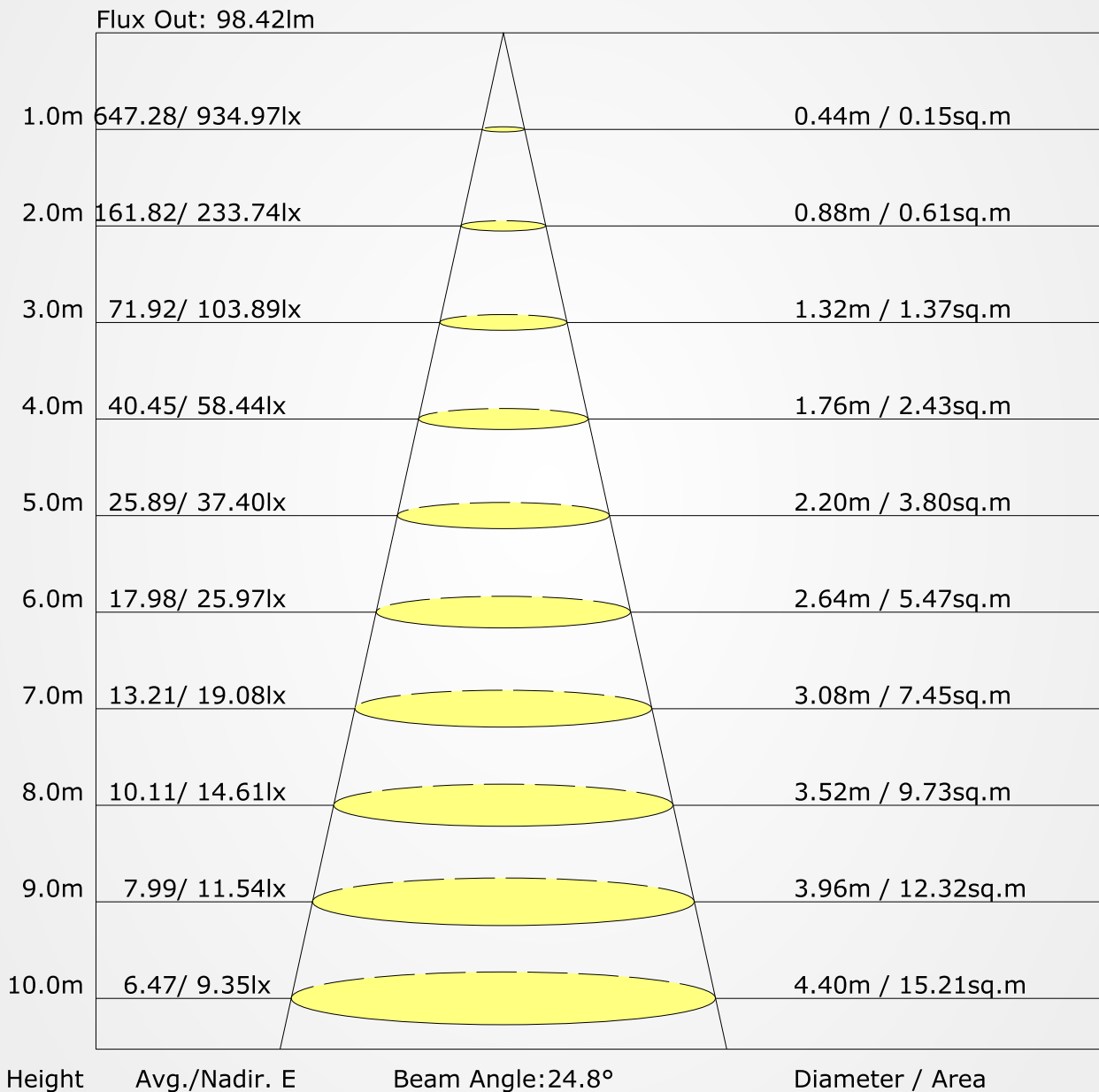
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# 3W

## THE AVERAGE ILLUMINANCE EFFECTIVE FIGURE



C Plane (°): 0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 24  
 Operator:

Gamma Plane (°): 0.0-180.0: 1.0  
 Test Device: GPM-1600  
 Distance: 9.669 m  
 Humidity: 70  
 Inspector:



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# 5W

## LUMINAIRE PHOTOMETRIC TEST REPORT

### Luminaire Property

Luminaire Manufacturer: NEXLEDS  
Luminaire Category:  
Current: 0.042 A  
Power Factor: 0.505

Report No.: NX-CS-5W  
Voltage: 217.8 V  
Power: 4.64 W

### Photometric Results

CIE Class: Direct  
Measurement Flux: 390.5 lm  
Downward Ratio: 96%  
Horizontal Diffuse Angle(25%,50%): H36.2,H25  
Vertical Diffuse Angle(25%,50%): V36.5,V25.3  
Luminaire Efficacy Rating (LER): 84.22  
Max. Intensity: 1430.98 cd  
S/MH(C0/C180): 0.42

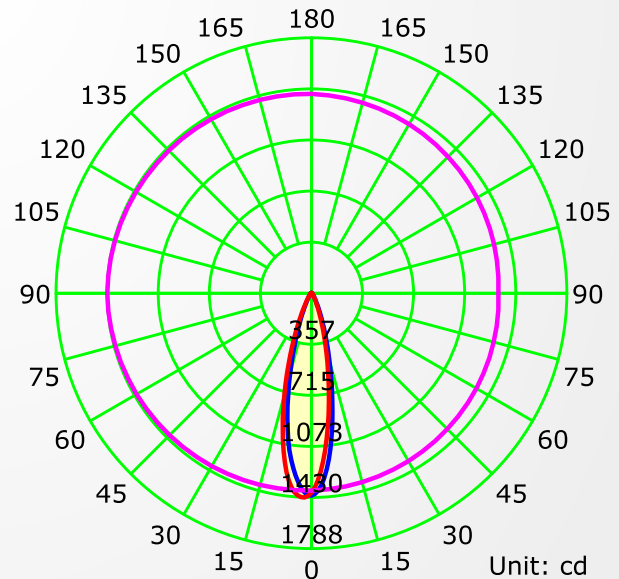
Total Rated Lamp Lumens: 390.5 lm  
Efficiency: 100%  
Upward Ratio: 4%

Central Intensity: 1415.9 cd  
Pos of Max. Intensity: H270 V2  
S/MH(C90/C270): 0.43

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 25.1°

— C0-C180 — C90-C270 — G2

C Plane (°):0.0-360.0: 90.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 24  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600  
Distance: 9.669 m  
Humidity: 70  
Inspector:



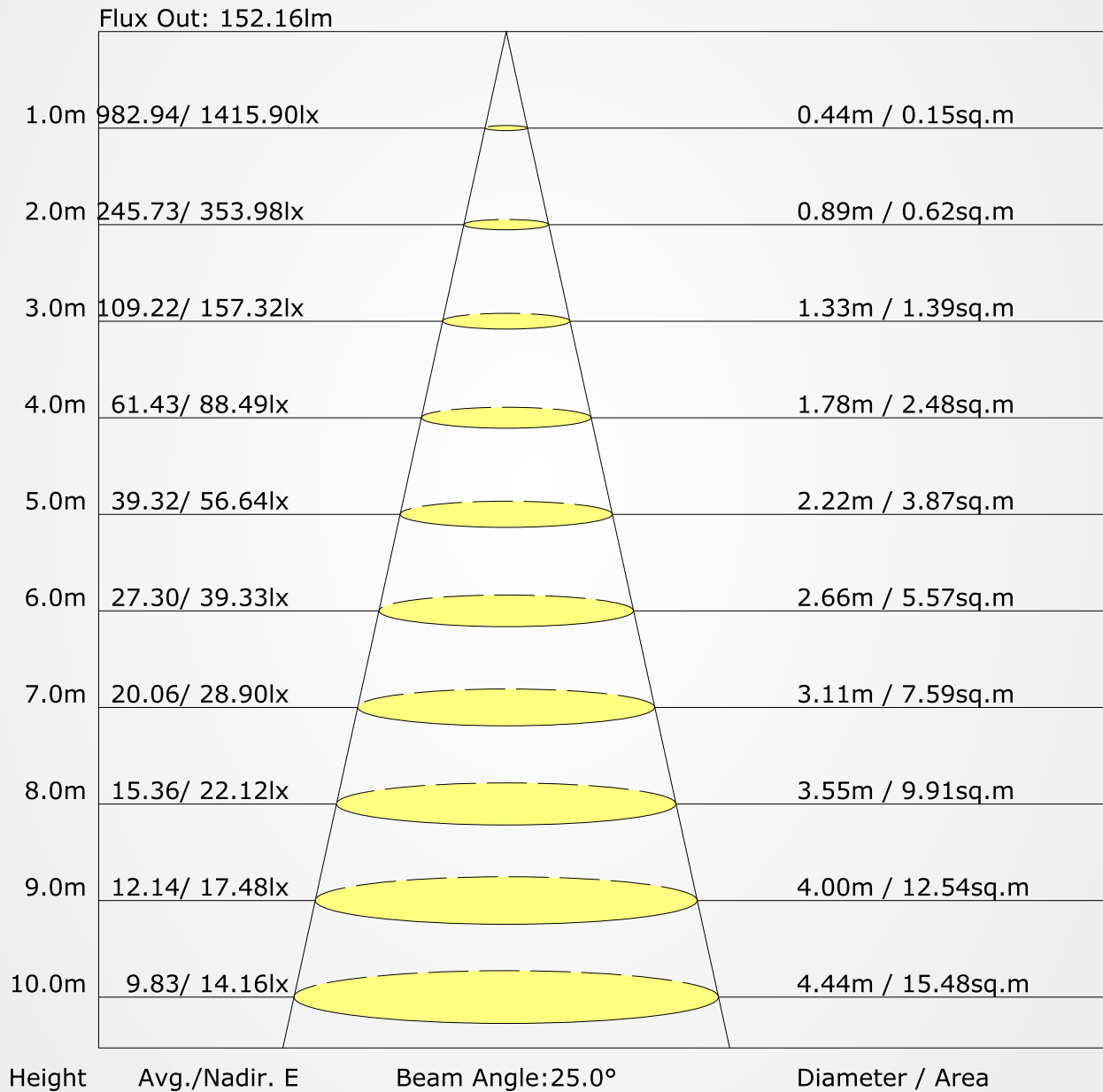
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# 5W

## THE AVERAGE ILLUMINANCE EFFECTIVE FIGURE



C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 24  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 9.669 m  
 Humidity: 70  
 Inspector:



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# 9W

## LUMINAIRE PHOTOMETRIC TEST REPORT

### Luminaire Property

Luminaire Manufacturer:  
Luminaire Category:  
Current: 0.073 A  
Power Factor: 0.539

Report No.: NX-CS-9W  
Voltage: 218.0 V  
Power: 8.55 W

### Photometric Results

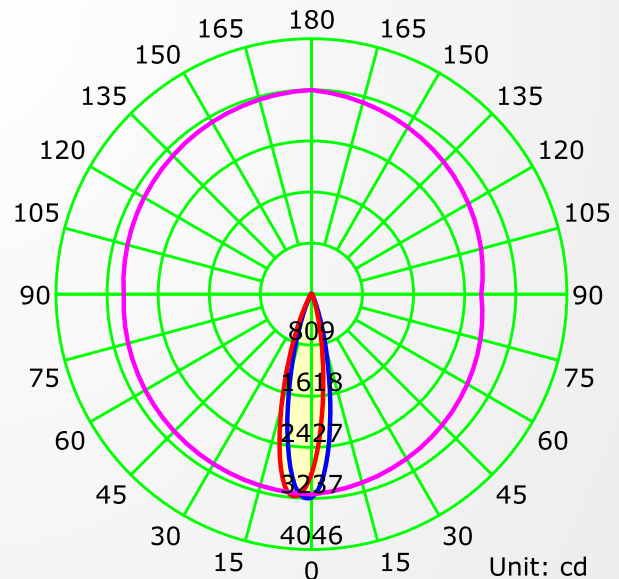
CIE Class: Direct  
Measurement Flux: 739.3 lm  
Downward Ratio: 97%  
Horizontal Diffuse Angle(25%,50%): H33.3,H23.5  
Vertical Diffuse Angle(25%,50%): V33.3,V23.7  
Luminaire Efficacy Rating (LER): 86.51  
Max. Intensity: 3237.14 cd  
S/MH(C0/C180): 0.40

Total Rated Lamp Lumens: 739.3 lm  
Efficiency: 100%  
Upward Ratio: 3%  
Central Intensity: 3218.64 cd  
Pos of Max. Intensity: H180 V1  
S/MH(C90/C270): 0.44

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 23.1°

— C0-C180 — C90-C270 — G1

C Plane (°):0.0-360.0: 90.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 24  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600  
Distance: 9.669 m  
Humidity: 70  
Inspector:



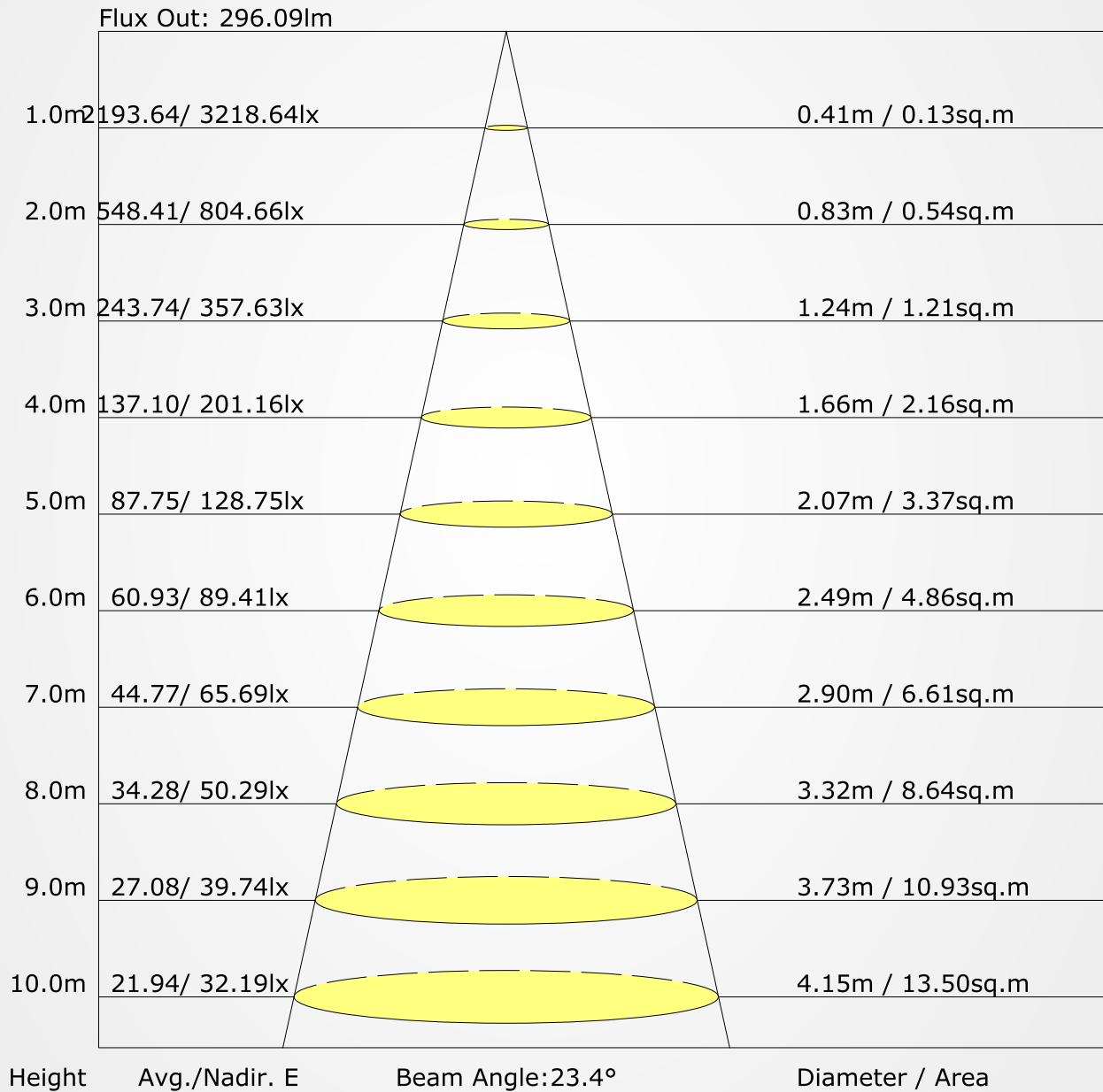
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# 9W

## THE AVERAGE ILLUMINANCE EFFECTIVE FIGURE



C Plane (°): 0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 24  
 Operator:

Gamma Plane (°): 0.0-180.0: 1.0  
 Test Device: GPM-1600  
 Distance: 9.669 m  
 Humidity: 70  
 Inspector:



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