



**VIDEO**



**LED DOWNLIGHT**

NX-TD801 / NX-TD1501 / NX-TD2001

**8W**

**15W**

**20W**

**specification**

Product Name :	LED Downlight
Model NO.:	NX-TD801 / NX-TD1501 / NX-TD2001
Specification :	AC175-265V,50/60Hz, 65 mA,8W / 125mA,15W / 168mA,20W
Working Temp :	-20~45(°C)
Power Factor :	0.5
CRI(Ra) :	80
Housing Color :	White
Reflector Color:	Silver or Gold or Grey
Light Source :	SMD 2835
Lumen :	60~87 lm / W
Life Time :	30000 hrs
Beam Angle :	70 ° / 75 ° / 80 °
Product Size :	Φ88*45 mm / Φ110*50 mm / Φ136*53 mm
Cut Out :	Φ75-80 mm / Φ95-100 mm / Φ120-125 mm
IP :	IP20
Application :	Home, Shop, Hotel...
Warranty :	3 years

**Color Temperature:**

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



# 8W

## LUMINAIRE PHOTOMETRIC TEST REPORT

### Luminaire Property

Luminaire Manufacturer:  
 Luminaire Category:  
 Luminaire Description: NX-TD801-Shiny SL (4000K)  
 Lamp Catalog: 2835  
 Luminous Length (mm): 65  
 Luminous Height (mm): 42  
 Current: 0.069 A  
 Power Factor: 0.535  
 Number of Lamps: 1  
 Luminous Width (mm): 65  
 Voltage: 218.0 V  
 Power: 8.01 W

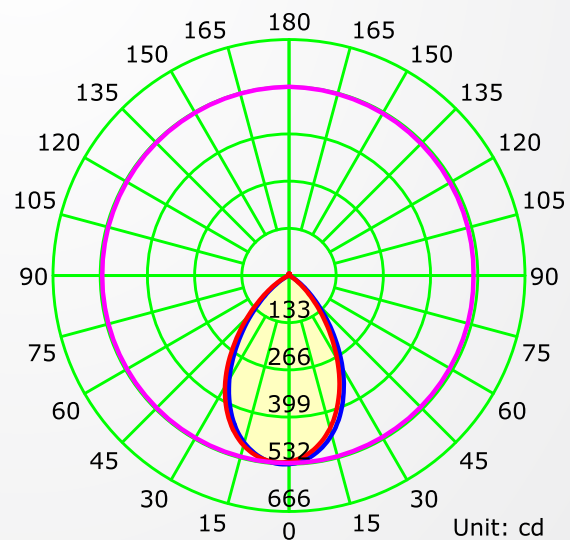
### Photometric Results

CIE Class: Direct  
 Measurement Flux: 682.7 lm  
 Downward Ratio: 97%  
 Horizontal Diffuse Angle(25%,50%): H89,H68  
 Vertical Diffuse Angle(25%,50%): V89,V68.2  
 Luminaire Efficacy Rating (LER): 85.28  
 Max. Intensity: 532.86 cd  
 S/MH(C0/C180): 0.98  
 Total Rated Lamp Lumens: 682.7 lm  
 Efficiency: 100%  
 Upward Ratio: 3%  
 Central Intensity: 532.25 cd  
 Pos of Max. Intensity: H180 V2  
 S/MH(C90/C270): 0.98

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 68.0°

— C0-C180 — C90-C270 — G2

C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25  
 Operator:

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



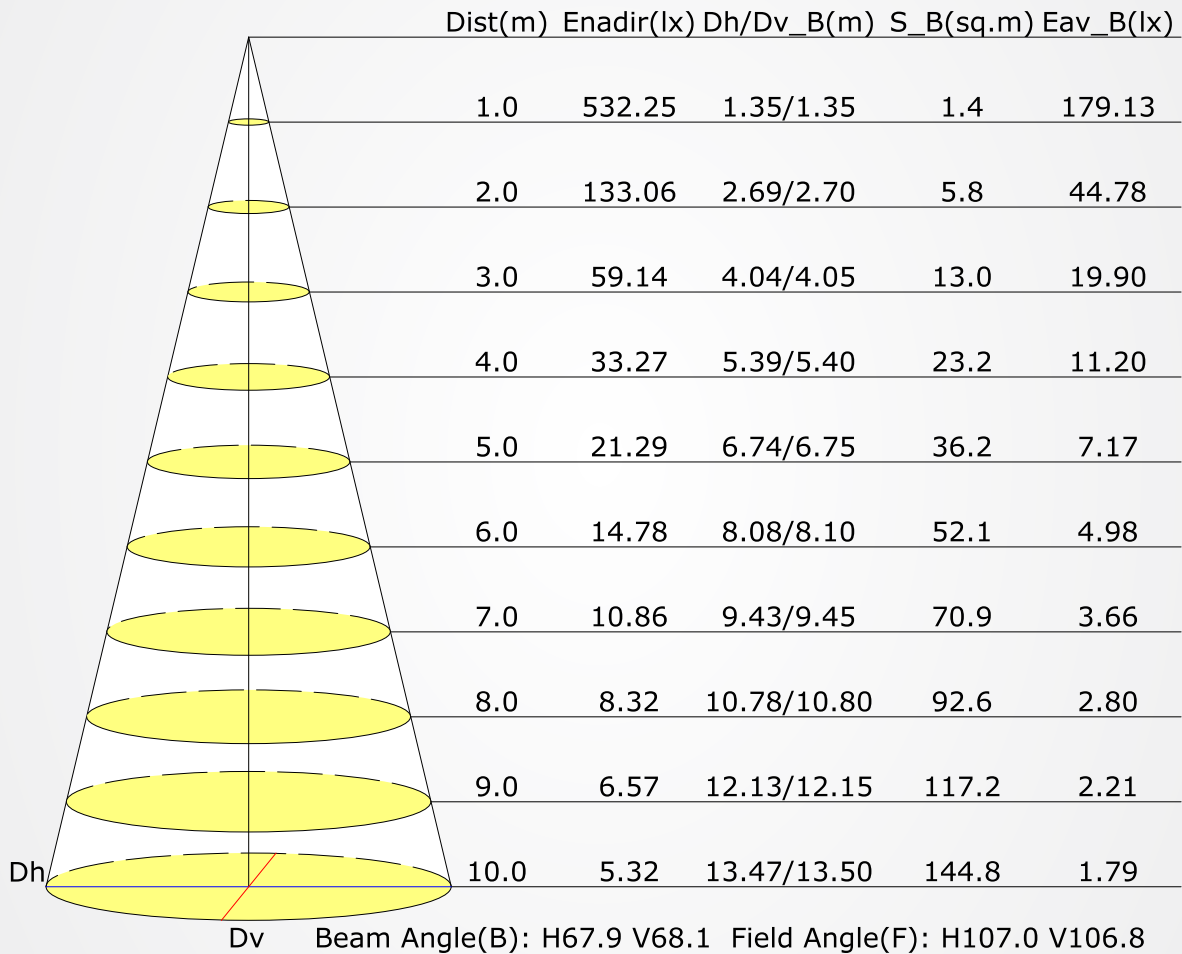
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# 8W

## ILLUMINANCE AT A DISTANCE



C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25  
 Operator:

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



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# 15W LUMINAIRE PHOTOMETRIC TEST REPORT

## Luminaire Property

Luminaire Manufacturer:  
 Luminaire Category:  
 Luminaire Description: NX-TD1501-Shiny GD (4000K)  
 Lamp Catalog: 2835  
 Luminous Length (mm): 84  
 Luminous Height (mm): 45  
 Current: 0.122 A  
 Power Factor: 0.560  
 Number of Lamps: 1  
 Luminous Width (mm): 84  
 Voltage: 217.8 V  
 Power: 14.90 W

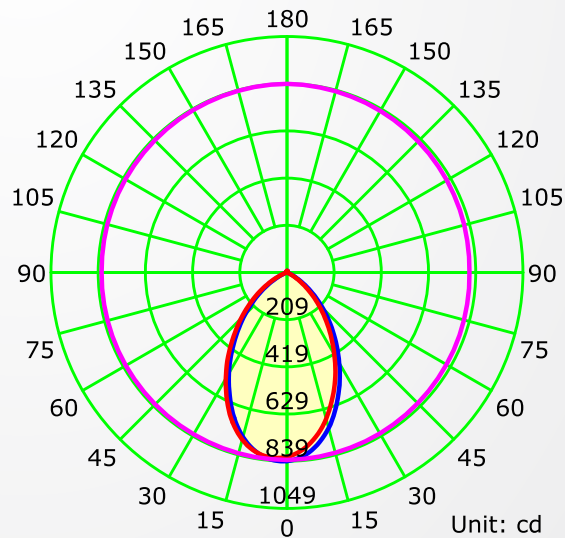
## Photometric Results

CIE Class: Direct  
 Measurement Flux: 1138.8 lm  
 Downward Ratio: 98%  
 Horizontal Diffuse Angle(25%,50%): H94.9,H68.1  
 Vertical Diffuse Angle(25%,50%): V94.8,V68.1  
 Luminaire Efficacy Rating (LER): 76.48  
 Max. Intensity: 839.23 cd  
 S/MH(C0/C180): 0.95  
 Total Rated Lamp Lumens: 1138.8 lm  
 Efficiency: 100%  
 Upward Ratio: 2%  
 Central Intensity: 838.13 cd  
 Pos of Max. Intensity: H180 V2  
 S/MH(C90/C270): 0.96

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 68.0°

— C0-C180 — C90-C270 — G2

C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25  
 Operator:

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

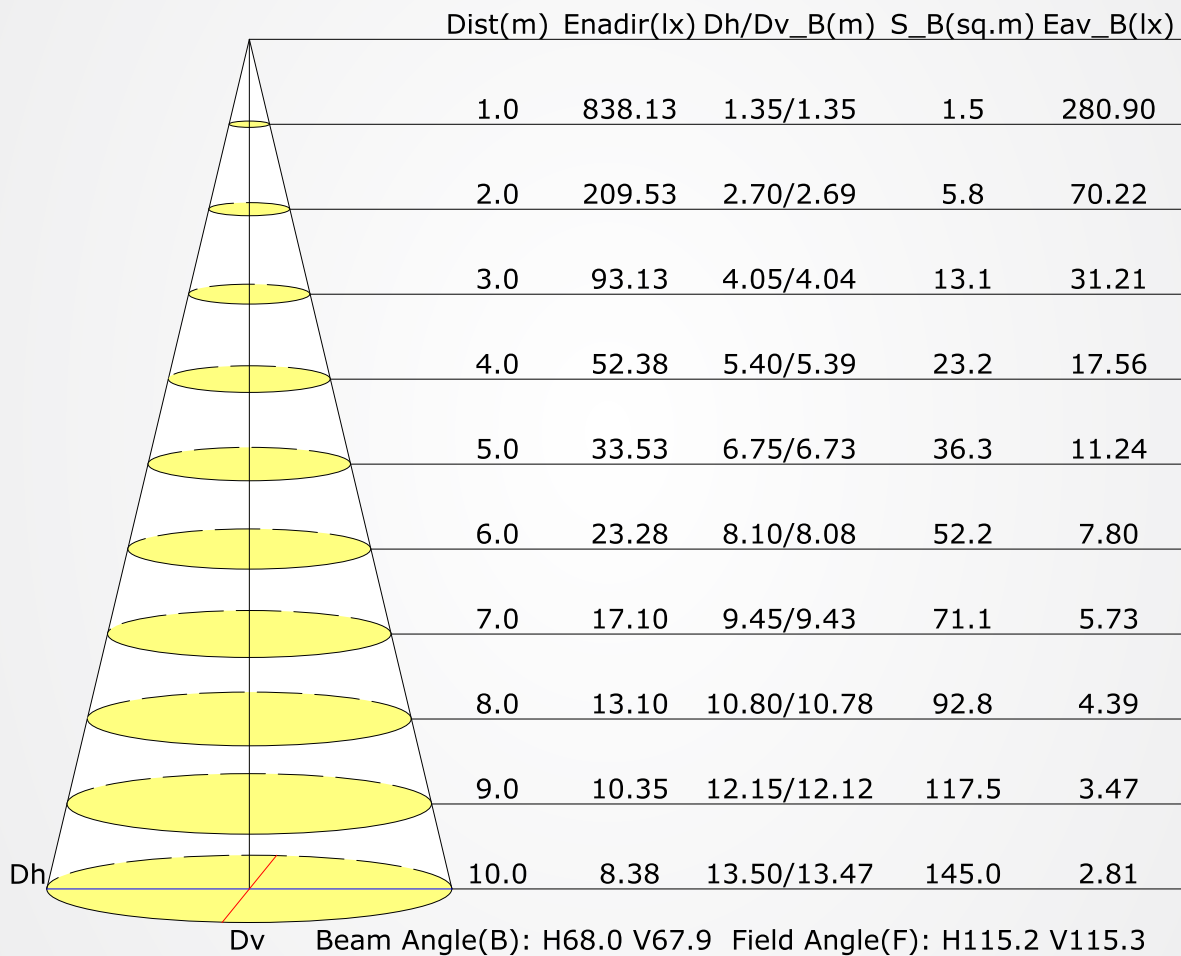


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# 15W ILLUMINANCE AT A DISTANCE



C Plane (°):0.0-360.0: 90.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator:

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



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# 20W LUMINAIRE PHOTOMETRIC TEST REPORT

## Luminaire Property

Luminaire Manufacturer:  
 Luminaire Category:  
 Luminaire Description: NX-TD801-Shiny GR (4000K)  
 Lamp Catalog: 2835  
 Luminous Length (mm): 110  
 Luminous Height (mm): 48  
 Current: 0.172 A  
 Power Factor: 0.540  
 Number of Lamps: 1  
 Luminous Width (mm): 110  
 Voltage: 217.9 V  
 Power: 20.22 W

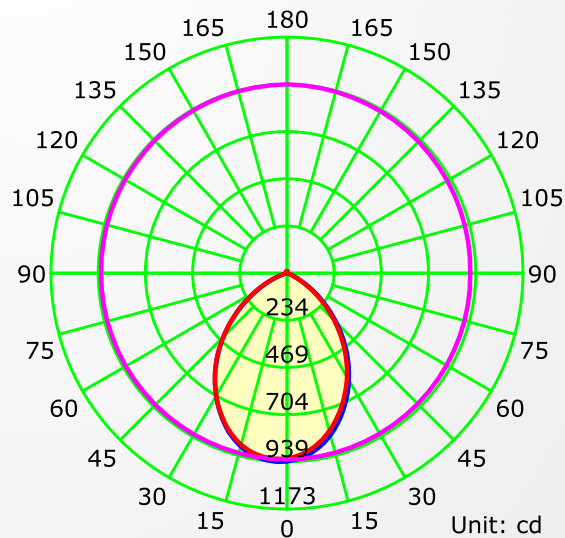
## Photometric Results

CIE Class: Direct  
 Measurement Flux: 1625.3 lm  
 Downward Ratio: 98%  
 Horizontal Diffuse Angle(25%,50%): H107.6,H82.1  
 Vertical Diffuse Angle(25%,50%): V107.7,V82.1  
 Luminaire Efficacy Rating (LER): 80.43  
 Max. Intensity: 939.2 cd  
 S/MH(C0/C180): 1.08  
 Total Rated Lamp Lumens: 1625.3 lm  
 Efficiency: 100%  
 Upward Ratio: 2%  
 Central Intensity: 936.41 cd  
 Pos of Max. Intensity: H180 V3  
 S/MH(C90/C270): 1.08

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 82.0°

— C0-C180 — C90-C270 — G3

C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25  
 Operator:

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

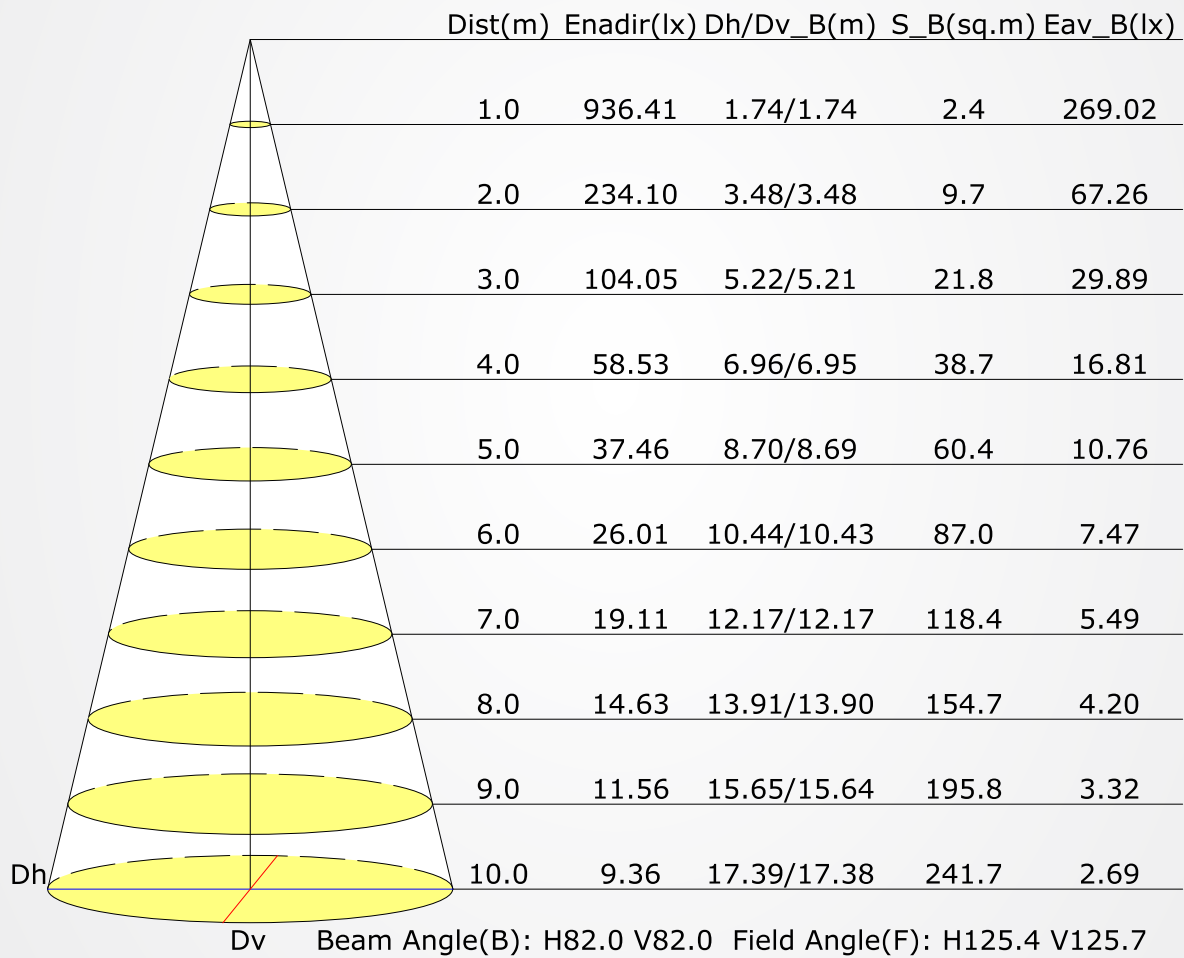


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# 20W ILLUMINANCE AT A DISTANCE



C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25  
 Operator:

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



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