



VIDEO



LED DOWNLIGHT

NX-TD801L / NX-TD1501L / NX-TD2001L

8W

15W

20W

specification

Product Name :	LED Downlight
Model NO.:	NX-TD801L / NX-TD1501L / NX-TD2001L
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 :	65~75 lm / W
Life Time :	30000 hrs
Beam Angle :	55 ° / 60 ° / 60 °
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-TD801L-Shiny SL (4000K)
 Lamp Catalog: 2835
 Luminous Length (mm): 64
 Luminous Height (mm): 42
 Current: 0.071 A
 Power Factor: 0.534
 Number of Lamps: 1
 Luminous Width (mm): 64
 Voltage: 217.9 V
 Power: 8.23 W

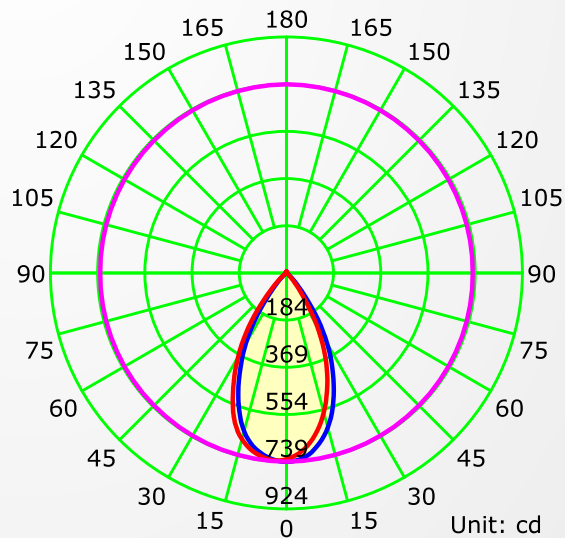
Photometric Results

CIE Class: Direct
 Measurement Flux: 620.8 lm
 Downward Ratio: 97%
 Horizontal Diffuse Angle(25%,50%): H70.8,H55.6
 Vertical Diffuse Angle(25%,50%): V70.3,V55.3
 Luminaire Efficacy Rating (LER): 75.48
 Max. Intensity: 739.53 cd
 S/MH(C0/C180): 0.85
 Total Rated Lamp Lumens: 620.8 lm
 Efficiency: 100%
 Upward Ratio: 3%
 Central Intensity: 739.52 cd
 Pos of Max. Intensity: H0 V0
 S/MH(C90/C270): 0.85

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 55.4°

— C0-C180 — C90-C270 — G0

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:



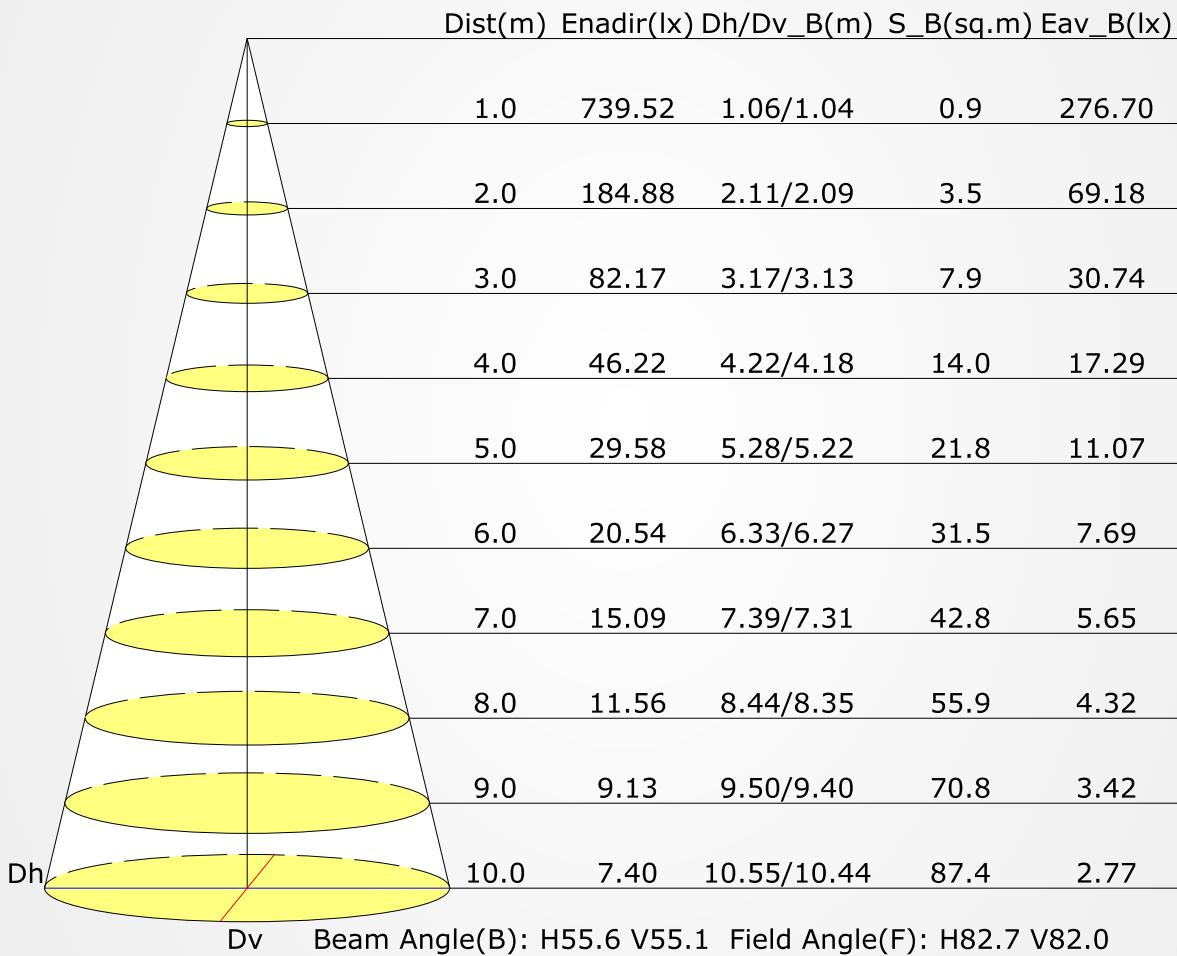
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8W

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-TD1501L-Shiny GD (4000K)
 Lamp Catalog: 2835
 Luminous Length (mm): 84
 Luminous Height (mm): 42
 Current: 0.118 A
 Power Factor: 0.589
 Number of Lamps: 1
 Luminous Width (mm): 84
 Voltage: 217.8 V
 Power: 15.21 W

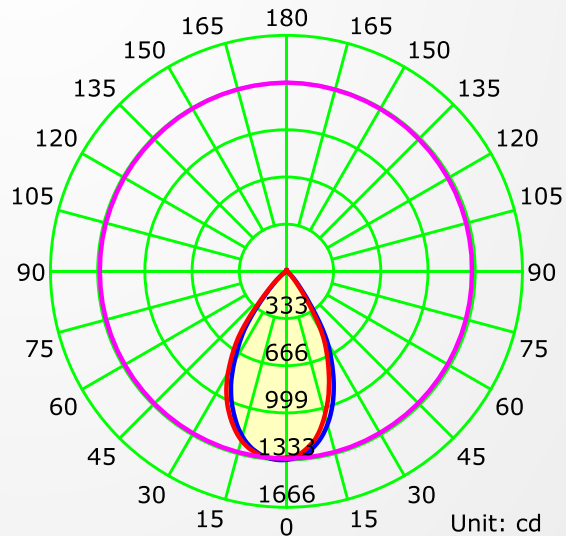
Photometric Results

CIE Class: Direct
 Measurement Flux: 1252.3 lm
 Downward Ratio: 98%
 Horizontal Diffuse Angle(25%,50%): H74.3,H59.6
 Vertical Diffuse Angle(25%,50%): V74.2,V60
 Luminaire Efficacy Rating (LER): 82.38
 Max. Intensity: 1333.04 cd
 S/MH(C0/C180): 0.90
 Total Rated Lamp Lumens: 1252.3 lm
 Efficiency: 100%
 Upward Ratio: 2%
 Central Intensity: 1330.55 cd
 Pos of Max. Intensity: H180 V2
 S/MH(C90/C270): 0.90

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 59.7°

— 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:

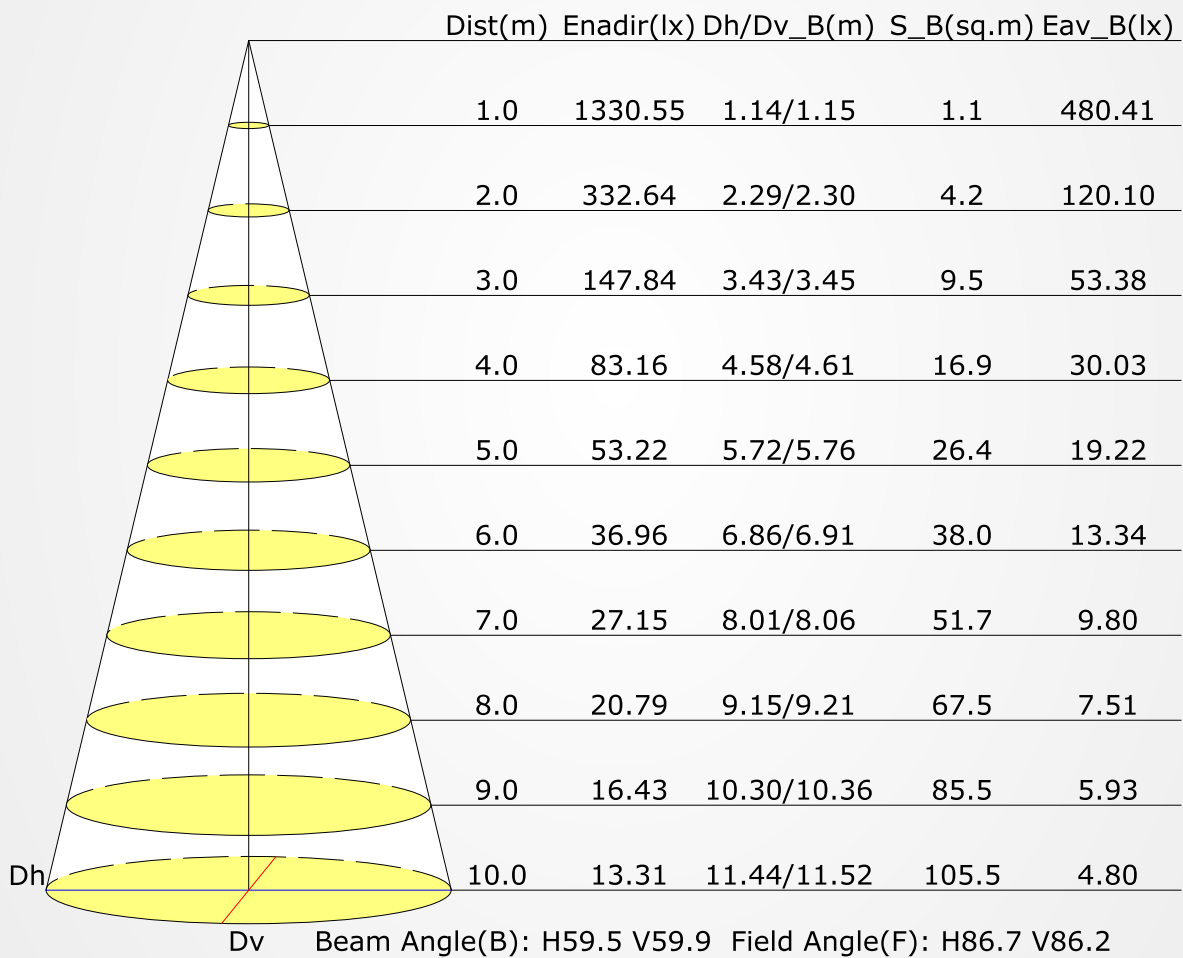


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15W ILLUMINANCE AT A DISTANCE



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-TD2001-Shiny GR (4000K)
 Lamp Catalog: 2835
 Luminous Length (mm): 110
 Luminous Height (mm): 48
 Current: 0.172 A
 Power Factor: 0.552

Number of Lamps: 1
 Luminous Width (mm): 110
 Voltage: 218.0 V
 Power: 20.70 W

Photometric Results

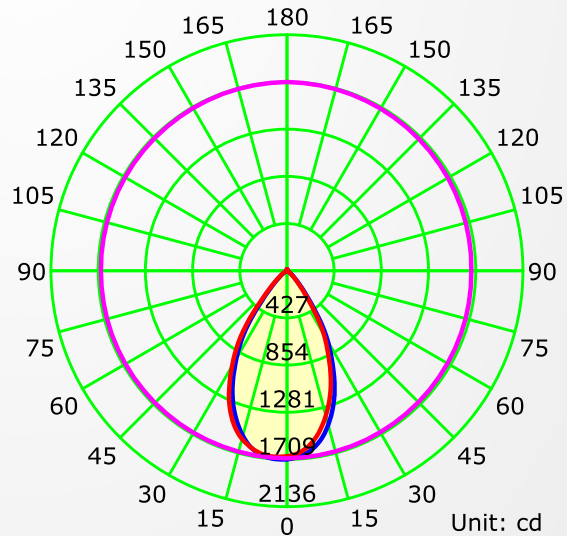
CIE Class: Direct
 Measurement Flux: 1608.4 lm
 Downward Ratio: 98%
 Horizontal Diffuse Angle(25%,50%): H74.1,H59
 Vertical Diffuse Angle(25%,50%): V74.4,V59.4
 Luminaire Efficacy Rating (LER): 77.75
 Max. Intensity: 1709.29 cd
 S/MH(C0/C180): 0.90

Total Rated Lamp Lumens: 1608.4 lm
 Efficiency: 100%
 Upward Ratio: 2%
 Central Intensity: 1707.07 cd
 Pos of Max. Intensity: H180 V2
 S/MH(C90/C270): 0.90

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 59.1°

— 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:

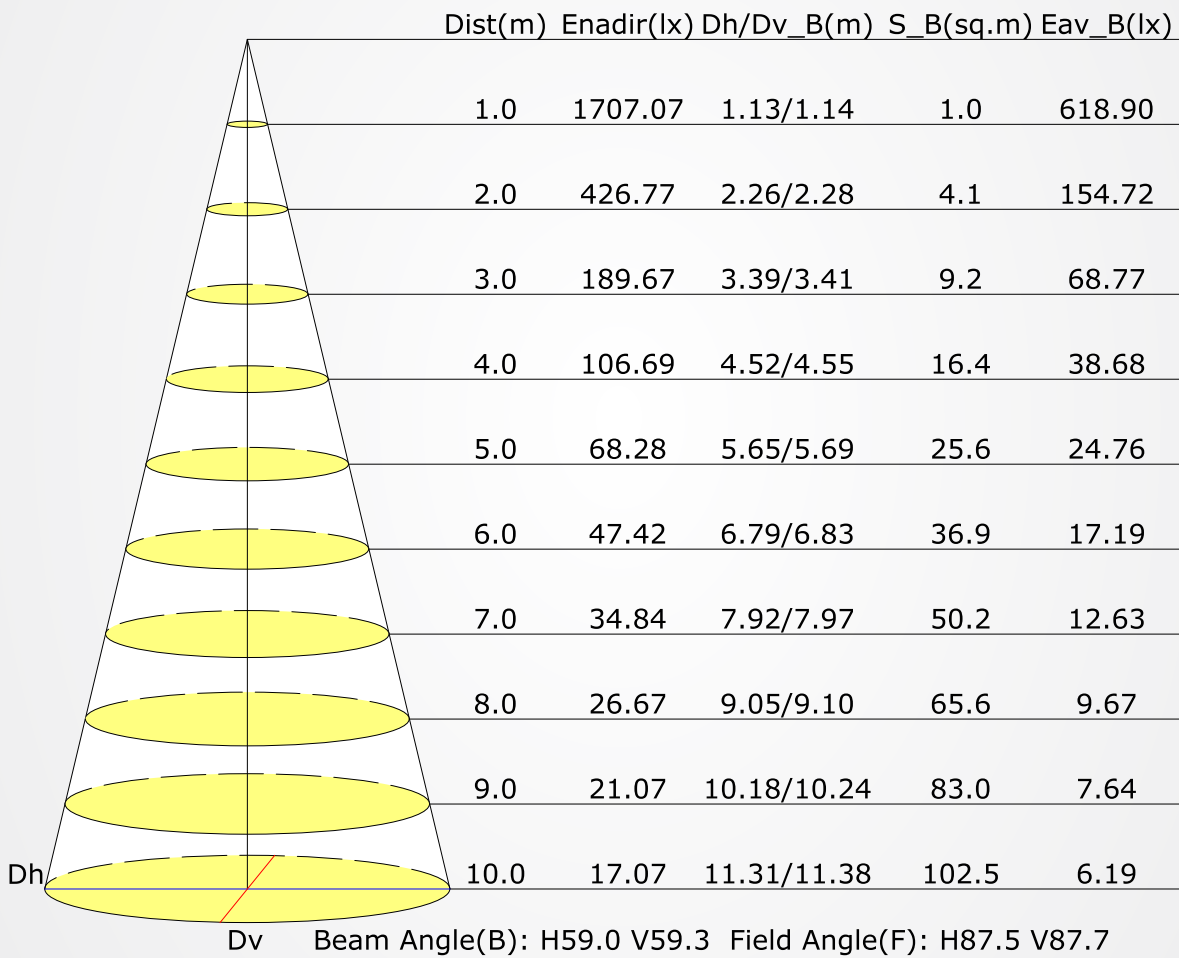


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20W ILLUMINANCE AT A DISTANCE



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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