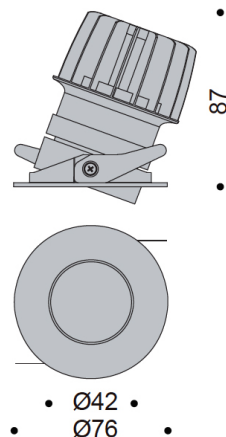


ATLAS BAFFLE

LED IP44 ADJUSTABLE RECESSED DOWNLIGHT
DLD/7318161

DLD
ARCHITECTURAL



Dimensions

Ø76mm, H.87mm

Cutout

Ø68mm



- Removable light engine - simple twist mechanism
- IP44 - suitable for bathroom installation
- Adjustable by 20° tilt
- Complete with phase dimming driver
- Die-cast aluminium luminaire

- Forged aluminium heat sink
- Plastic PC reflector
- Bezel finish: white
- Baffle finish: black
- Optional honeycomb louvre, diffusion sheet or striped glass

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LED IP44 ADJUSTABLE RECESSED DOWNLIGHT
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TECHNICAL OVERVIEW

LED Consumption	13W		
Current	350mA		
CCT	2700K	3000K	4000K
Lumen ^{*1}	1336lm	1387lm	1411lm
Øsystem ^{*3}	-	-	-
Voltage	37.1V		
Reflector	15°/24°/38°/60° - Lens:10°		
CRI	90+		
Driver	Remoted, I/P: 90-264V 50/60HZ O/P: 12-48V 350mA 16W max.		
Insulation	Class II		
Protection	IP44		
Tilt	0~20°		
Rotation	-		
Operating Temperature	-20~40°		
Average Failure Time	L70(10k) >60000 (h)		

MATERIALS

Luminaire	Aluminium die-cast
Reflector	Plastic-PC
Heat Sink	Forged aluminium

*1. LUMEN : for LED chip test results based on Tc=85°C.

This is the ideal (maximum) lumen. This lumen information is from the LED supplier.

*3. LUMEN (Øsystem) (Total FLUX) : this lumen is from a luminaire with heat sink, reflector and fixture, this is the real lumen value including the loss due to different designs of reflectors and fixtures.

ATLAS BAFFLE

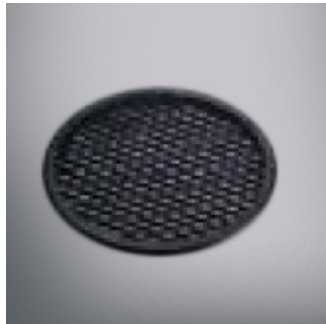
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LENS



Diffusion Sheet STD

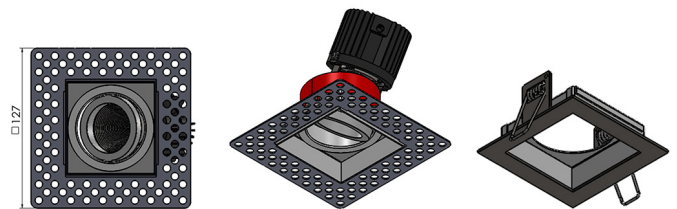
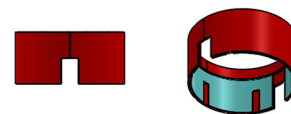
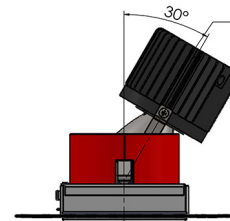


Honeycomb Louvre HL



Striped Glass SG

FIRE RATED CANISTER



Fire rated canister (optional)



Version with baffle



Flush version without baffle

ATLAS BAFFLE

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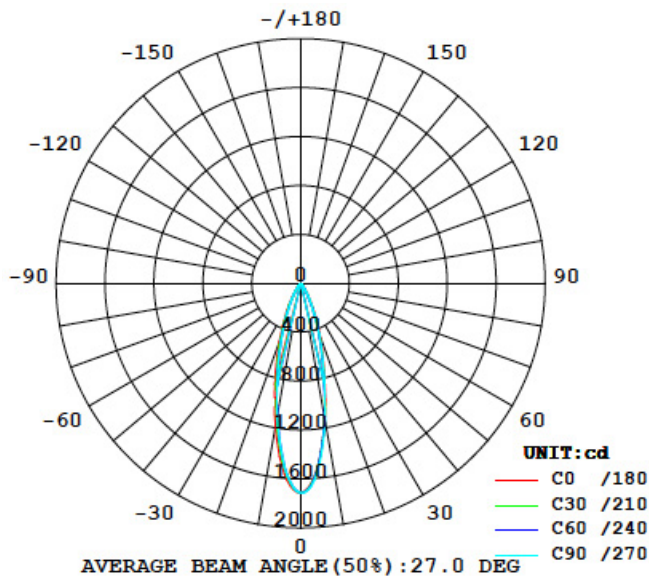
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PHOTOMETRIC DATA

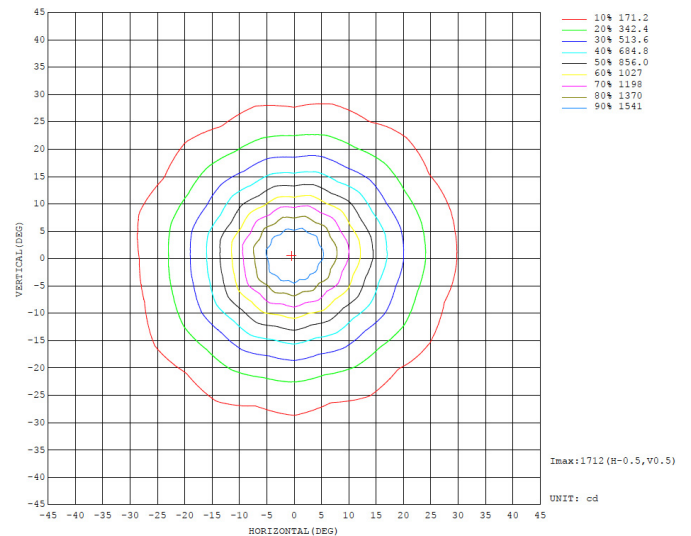
LED: Citizen
Beam angle: 15°
Light colour temp.: 2700°K

Total flux: 555.17 lm
Efficiency: 42.1 %
Efficacy: 35.19 lm/W

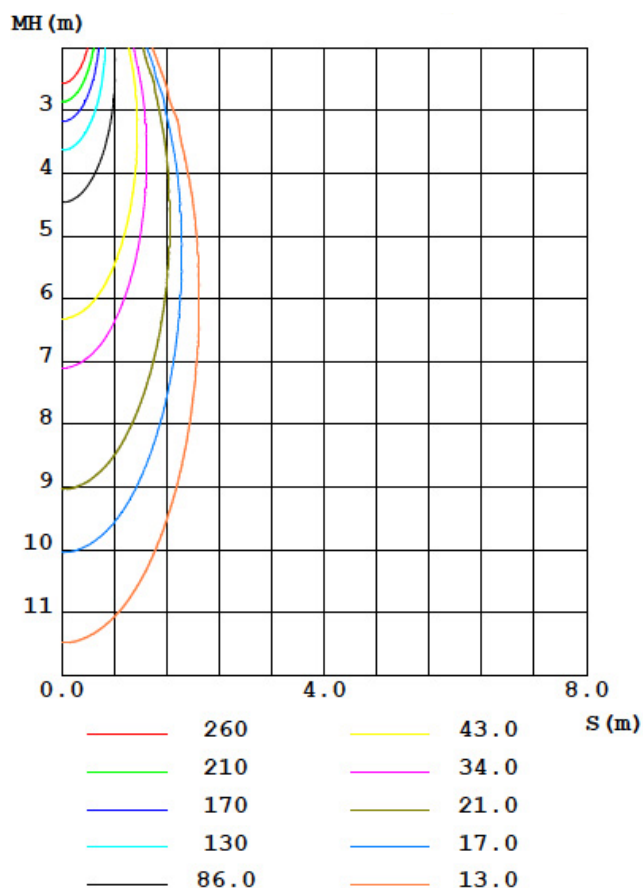
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



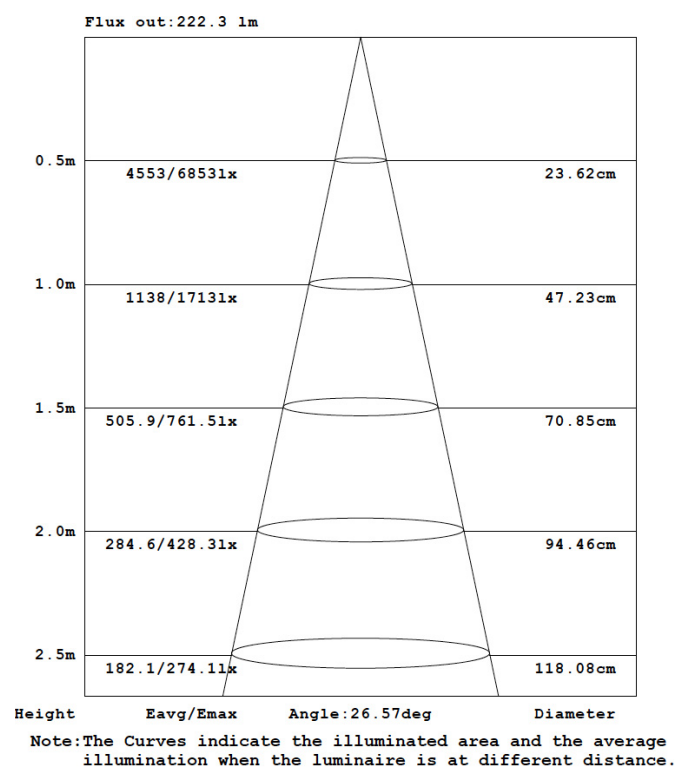
ISOCANDELA DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



AAI FIGURE



ATLAS BAFFLE

LED IP44 ADJUSTABLE RECESSED DOWNLIGHT
DLD/7318161

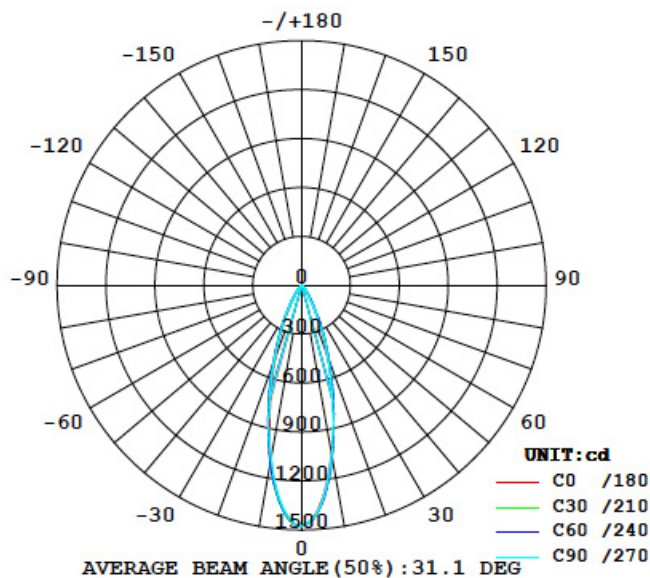
DLD
ARCHITECTURAL

PHOTOMETRIC DATA

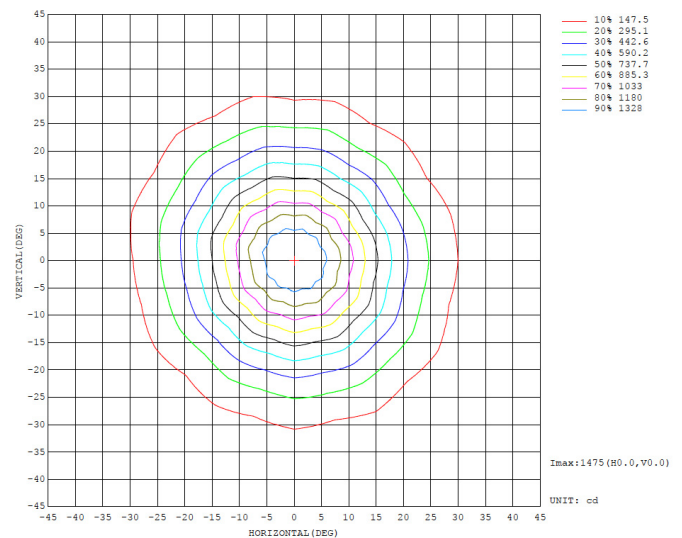
LED: Citizen
Beam angle: 24°
Light colour temp.: 2700°K

Total flux: 540.88 lm
Efficiency: 41.1 %
Efficacy: 34.29 lm/W

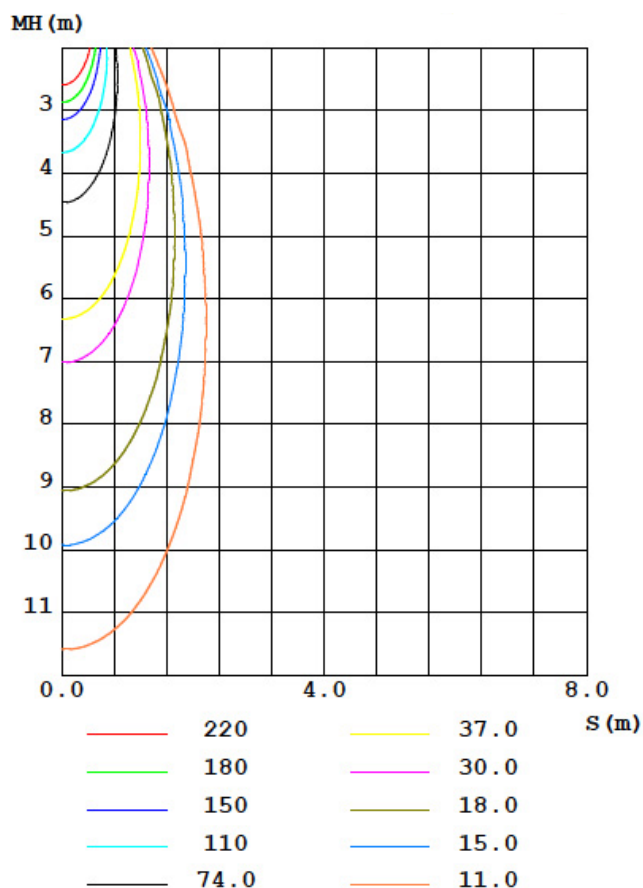
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



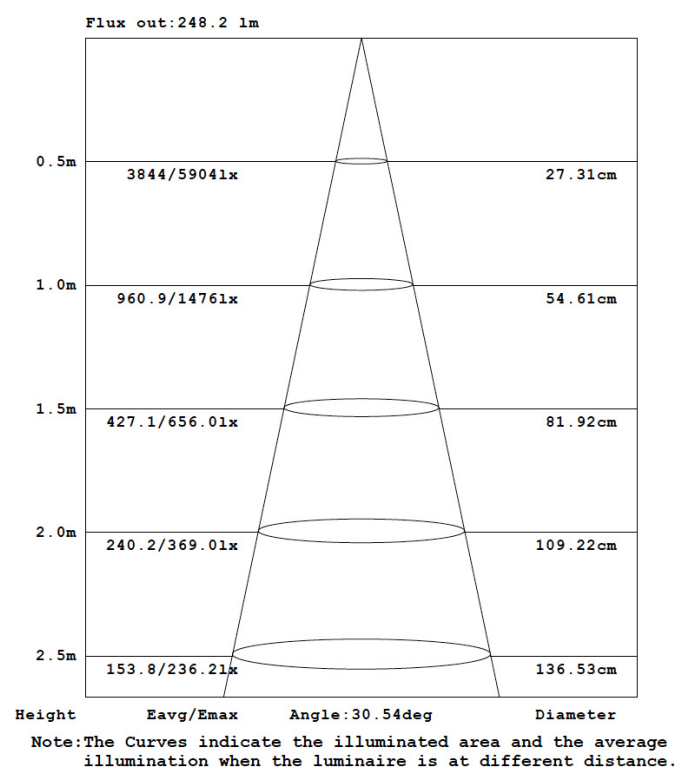
ISOCANDELA DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



AAI FIGURE



ATLAS BAFFLE

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DLD/7318161

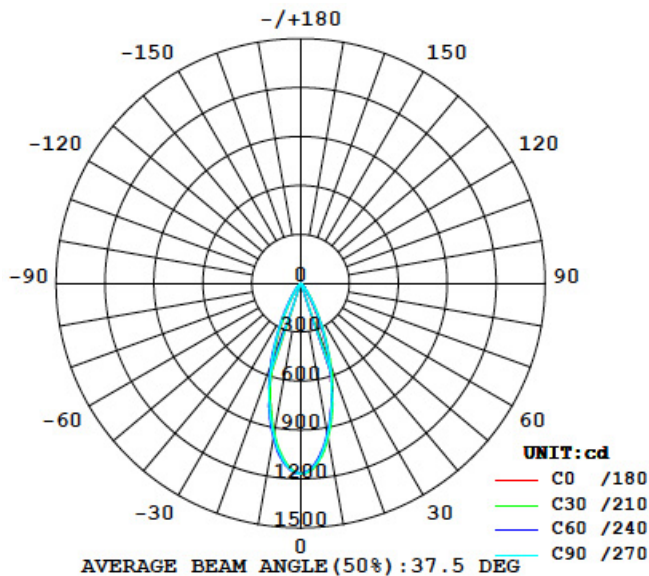
DLD
ARCHITECTURAL

PHOTOMETRIC DATA

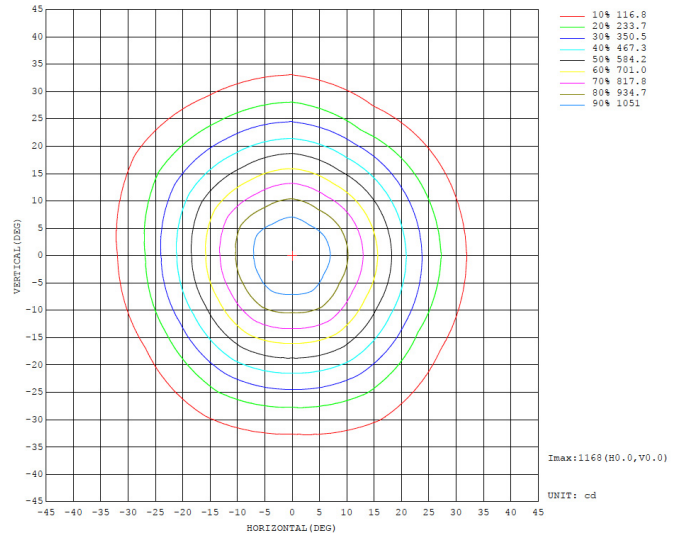
LED: Citizen
Beam angle: 38°
Light colour temp.: 2700°K

Total flux: 536.74 lm
Efficiency: 40.7 %
Efficacy: 34.01 lm/W

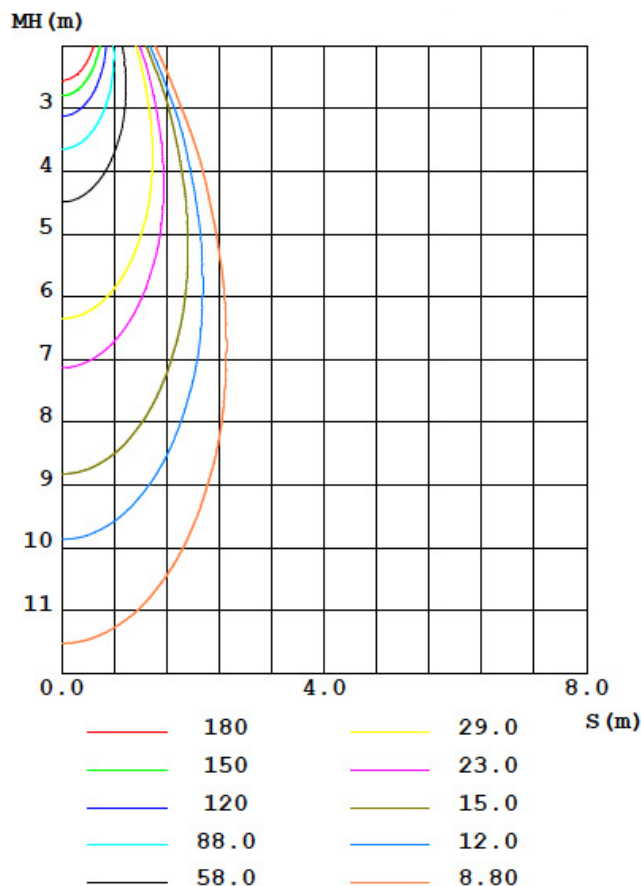
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



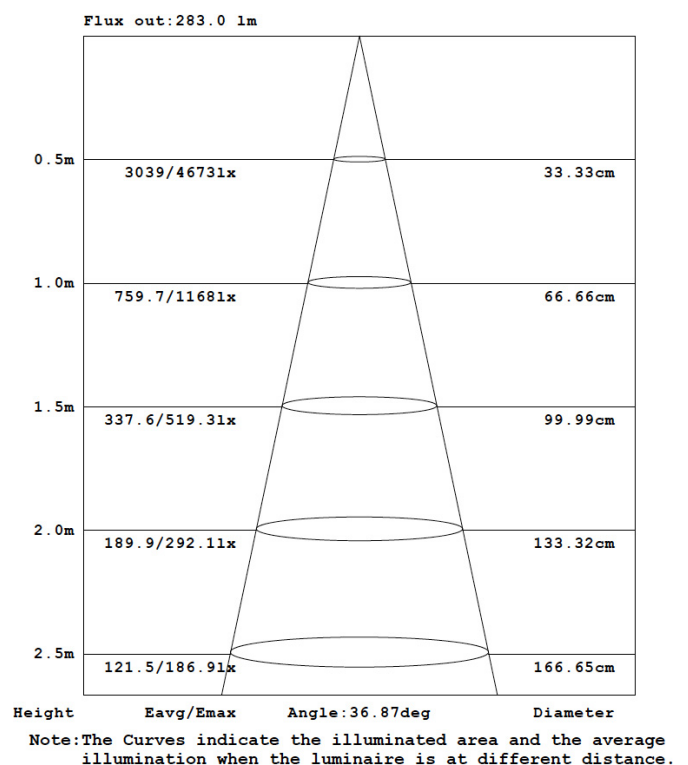
ISOCANDELA DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



AAI FIGURE



ATLAS BAFFLE

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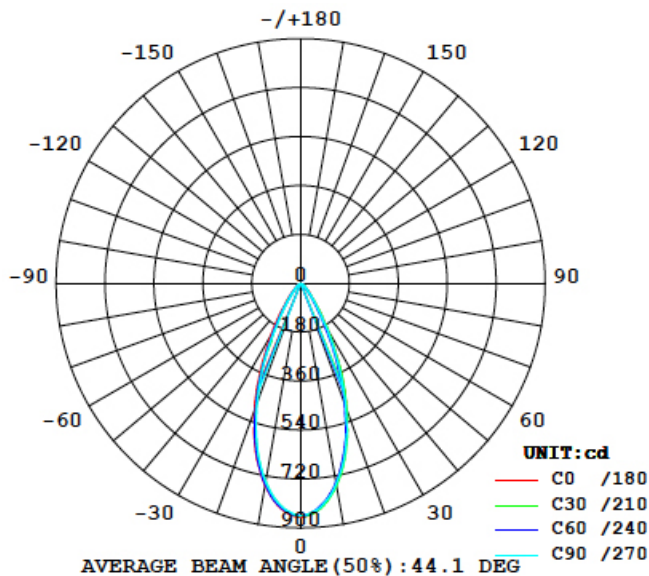
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PHOTOMETRIC DATA

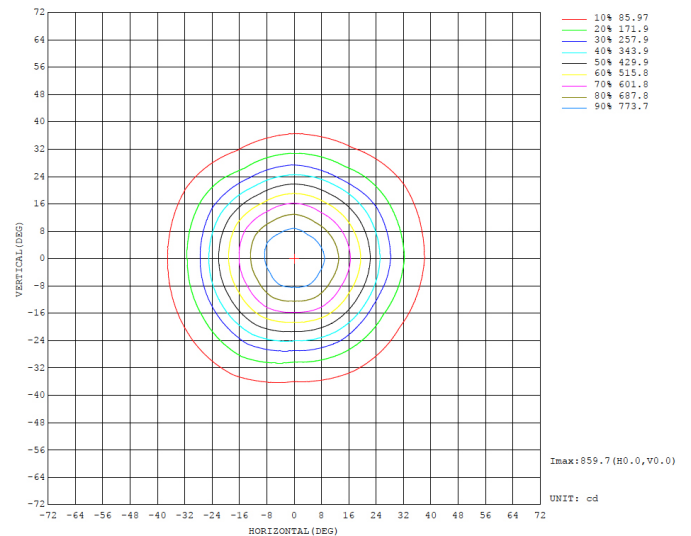
LED: Citizen
Beam angle: 60°
Light colour temp.: 2700°K

Total flux: 519.64 lm
Efficiency: 39.4 %
Efficacy: 32.88 lm/W

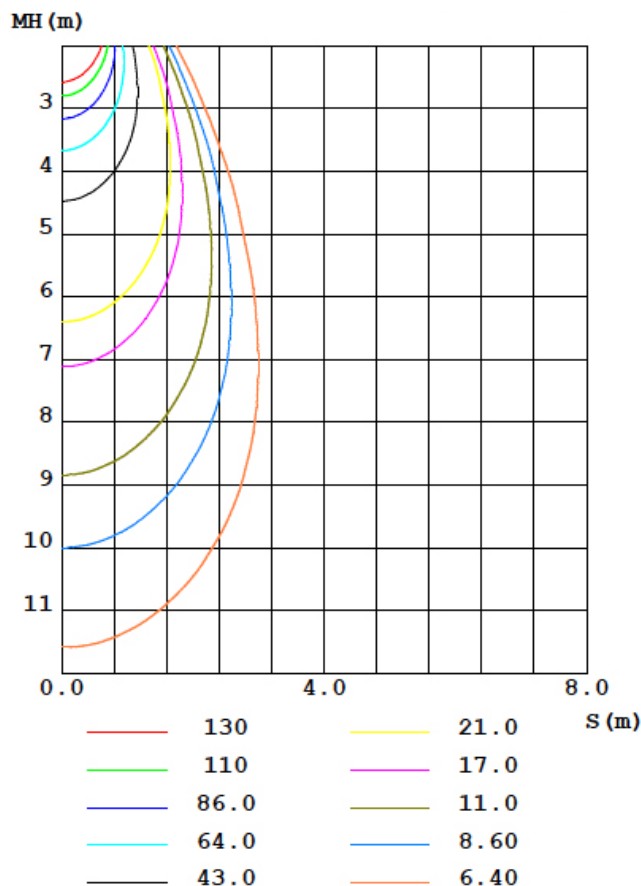
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



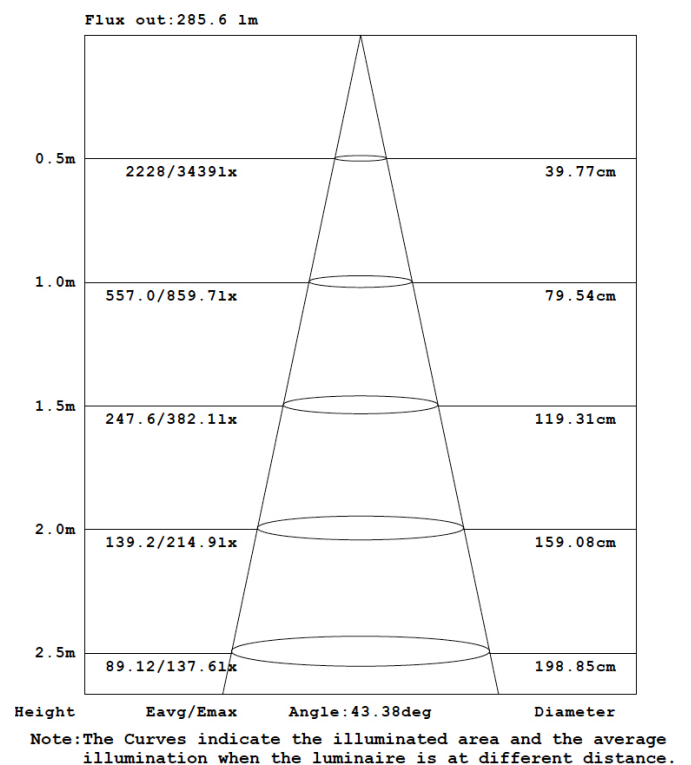
ISOCANDELA DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



AAI FIGURE



ATLAS BAFFLE

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DLD/7318161

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PRODUCT CODE CONSTRUCTION

ATLAS BAFFLE LED IP44 ADJUSTABLE RECESSED DOWNLIGHT

DLD/7318161 / [X] / [X] / [X] / [X] / [X] / [X] / [X]

FIRE RATED:

[--]

None

[FRC]

Fire rated canister

LENS:

[STD]

Standard diffusion sheet

[HL]

Honeycomb louvre

[SG]

Striped glass

LIGHT COLOUR TEMPERATURE (CCT):

[27K]

2700°K

[30K]

3000°K

BEAM ANGLE:

[15D]

15°

[24D]

24°

[38D]

38°

[60D]

60°

WATTAGE:

[13W]

12.9W

BAFFLE FINISH:

[BK]

Black

BEZEL FINISH:

[WH]

White



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