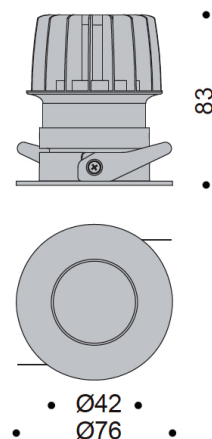


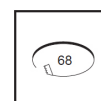
## ATLAS BAFFLE

LED IP44 RECESSED DOWNLIGHT  
DLD/9318161

**DLD**  
**ARCHITECTURAL**



**Dimensions**  
Ø76mm, H.83mm



**Cutout**  
Ø68mm



- Removable light engine - simple twist mechanism
- IP44 - suitable for bathroom installation
- 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

## ATLAS BAFFLE

LED IP44 RECESSED DOWNLIGHT  
DLD/9318161

**DLD**  
**ARCHITECTURAL**

### TECHNICAL OVERVIEW

|                       |                                                             |        |        |
|-----------------------|-------------------------------------------------------------|--------|--------|
| LED Consumption       | 13W                                                         |        |        |
| Current               | 350mA                                                       |        |        |
| CCT                   | 2700K                                                       | 3000K  | 4000K  |
| Lumen <sup>*1</sup>   | 1336lm                                                      | 1387lm | 1411lm |
| Øsystem <sup>*3</sup> | -                                                           | -      | -      |
| Voltage               | 37.1V                                                       |        |        |
| Reflector             | 15°/24°/38°/60° - Lens:10°                                  |        |        |
| CRI                   | 90+                                                         |        |        |
| Driver                | Remoted, I/P: 90-264V 50/60HZ<br>O/P: 12-48V 350mA 16W max. |        |        |
| Insulation            | Class II                                                    |        |        |
| Protection            | IP44                                                        |        |        |
| Tilt                  | -                                                           |        |        |
| 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

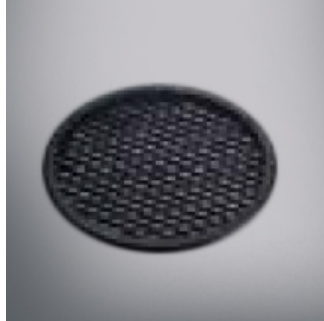
LED IP44 RECESSED DOWNLIGHT  
DLD/9318161

**DLD**  
**ARCHITECTURAL**

### LENS



Diffusion Sheet STD

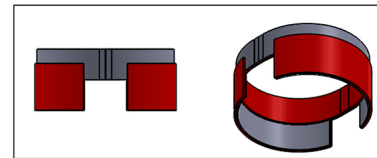
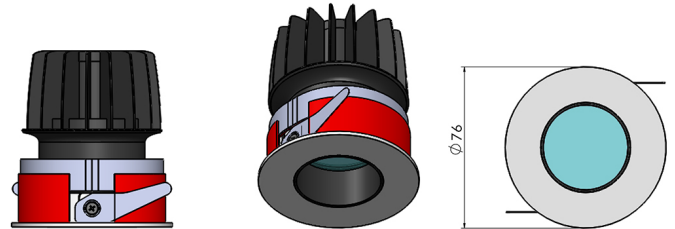


Honeycomb Louvre HL



Striped Glass SG

### FIRE RATED CANISTER



Fire rated canister (optional)



## ATLAS BAFFLE

LED IP44 RECESSED DOWNLIGHT  
DLD/9318161

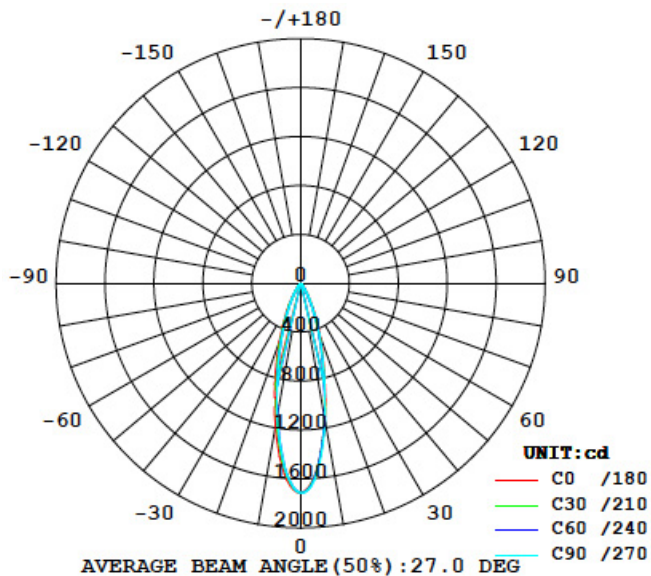
**DLD**  
**ARCHITECTURAL**

### PHOTOMETRIC DATA

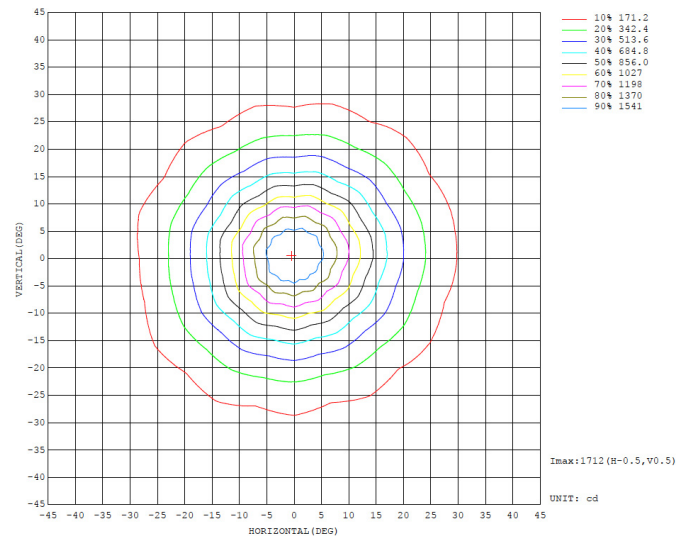
LED: Citizen  
Beam angle: 15°  
Light colour temp.: 2700°K

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

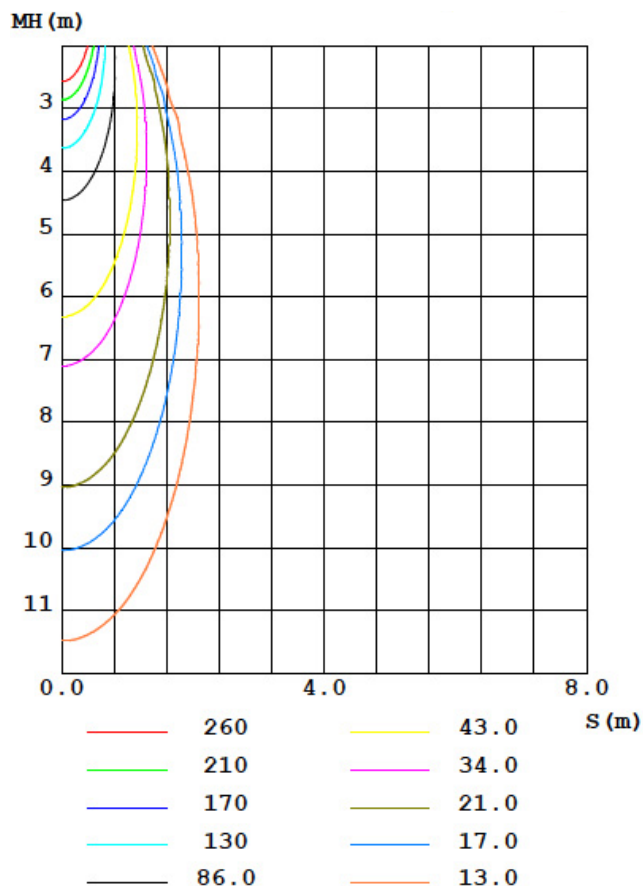
### LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



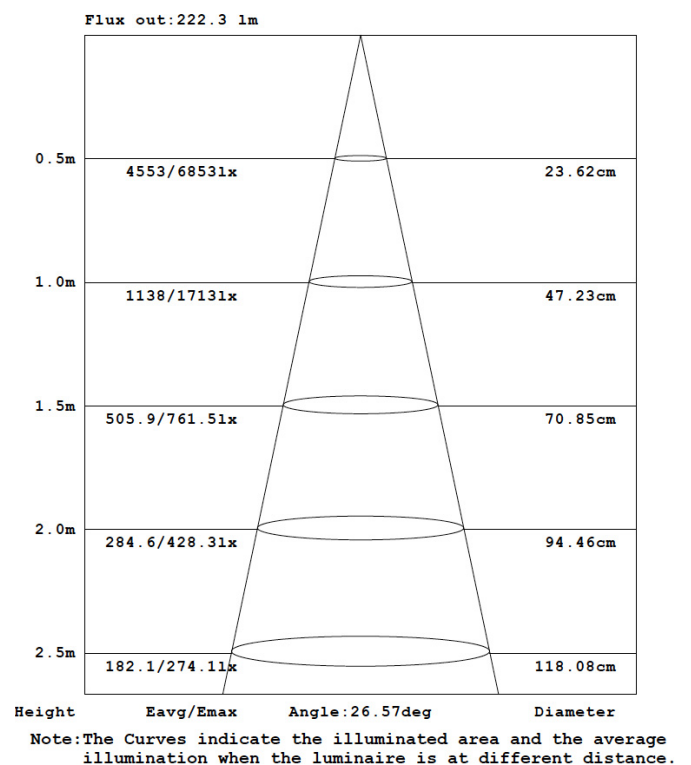
### ISOCANDELA DIAGRAM



### C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



### AAI FIGURE



## ATLAS BAFFLE

LED IP44 RECESSED DOWNLIGHT  
DLD/9318161

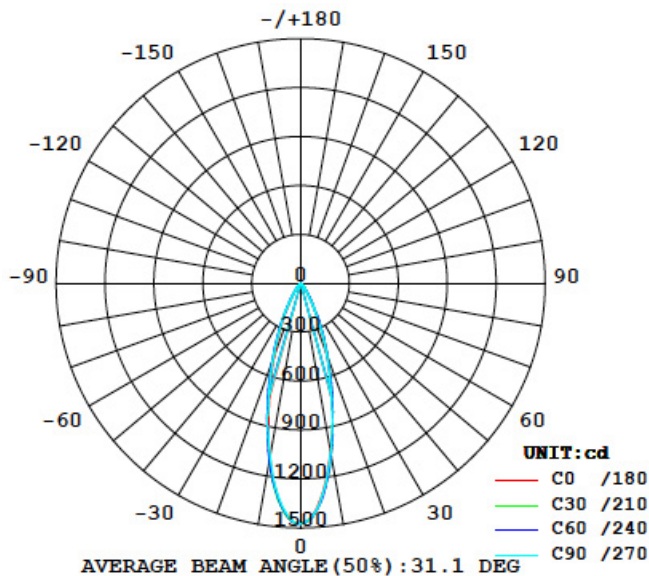
**DLD**  
**ARCHITECTURAL**

### PHOTOMETRIC DATA

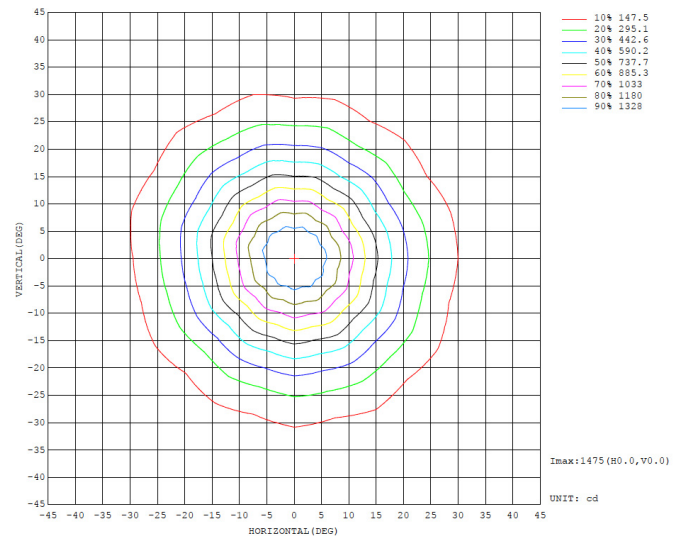
LED: Citizen  
Beam angle: 24°  
Light colour temp.: 2700°K

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

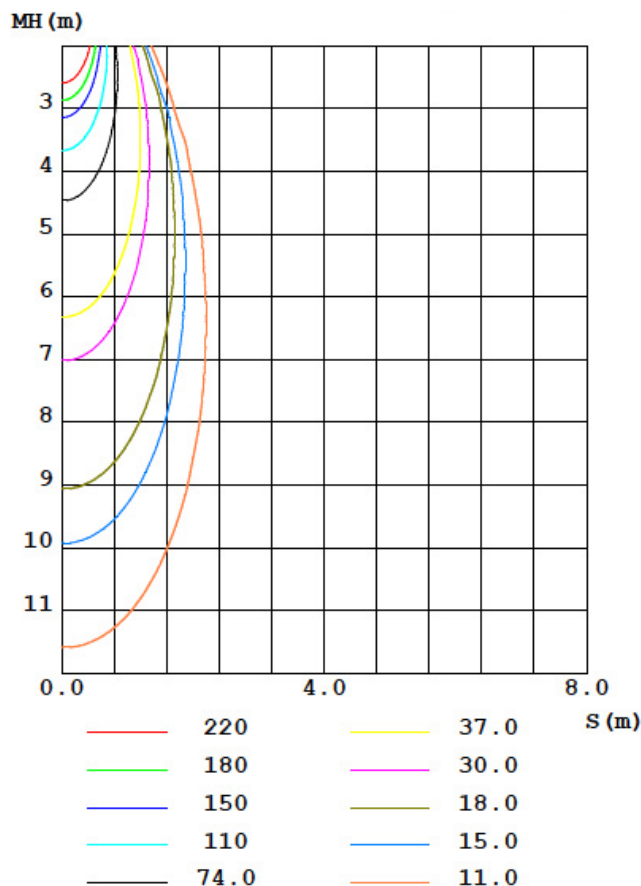
### LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



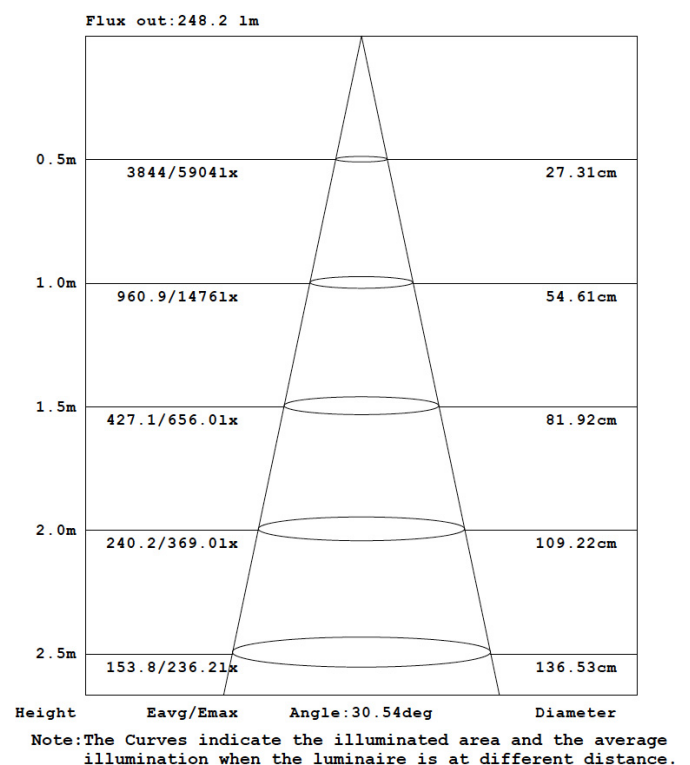
### ISOCANDELA DIAGRAM



### C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



### AAI FIGURE



## ATLAS BAFFLE

LED IP44 RECESSED DOWNLIGHT  
DLD/9318161

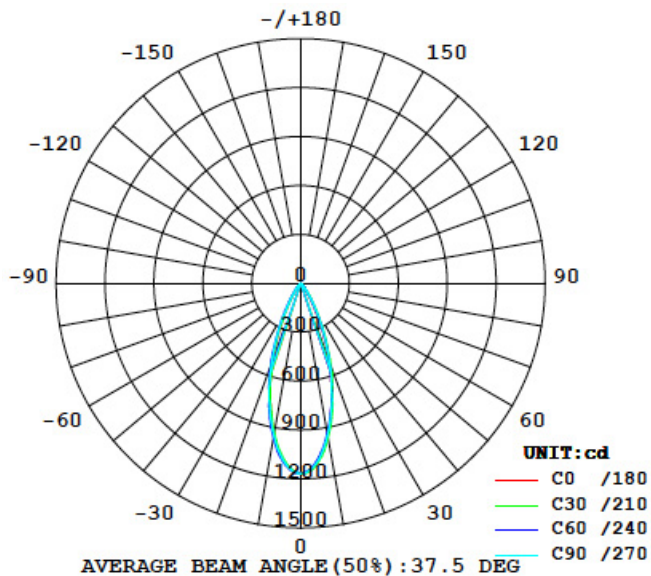
**DLD**  
**ARCHITECTURAL**

### PHOTOMETRIC DATA

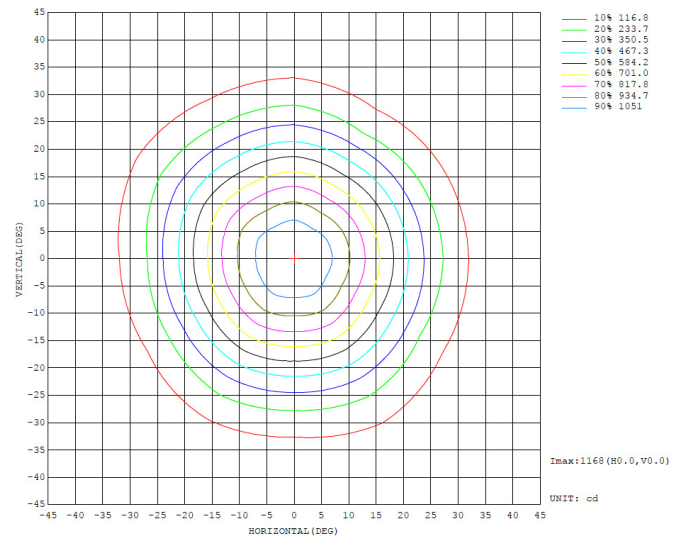
LED: Citizen  
Beam angle: 38°  
Light colour temp.: 2700°K

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

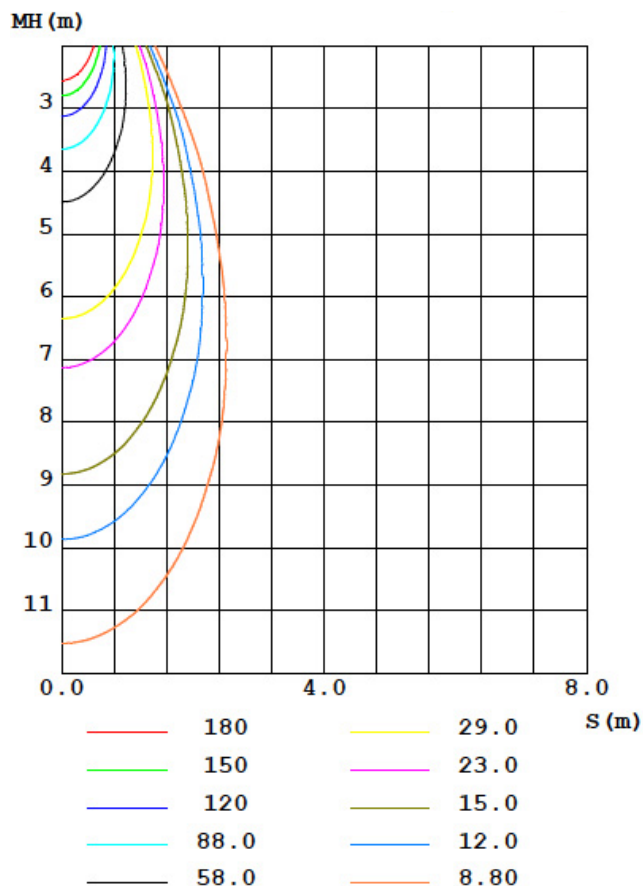
### LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



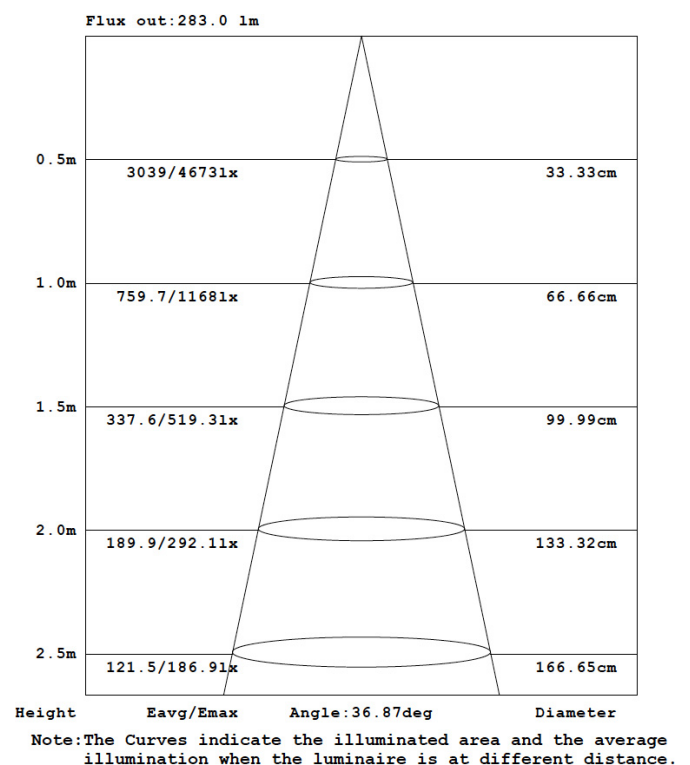
### ISOCANDELA DIAGRAM



### C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



### AAI FIGURE



## ATLAS BAFFLE

LED IP44 RECESSED DOWNLIGHT  
DLD/9318161

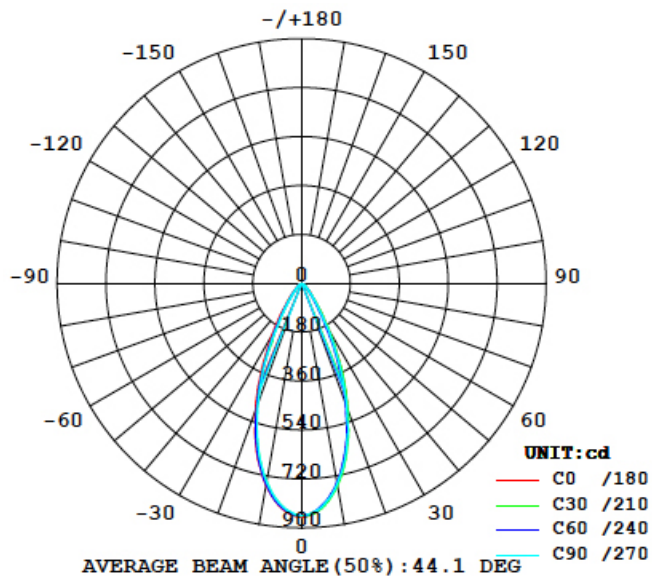
**DLD**  
**ARCHITECTURAL**

### PHOTOMETRIC DATA

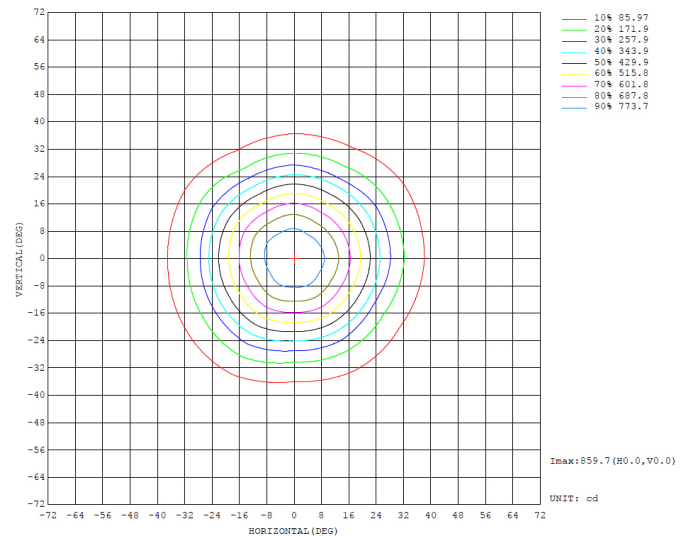
LED: Citizen  
Beam angle: 60°  
Light colour temp.: 2700°K

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

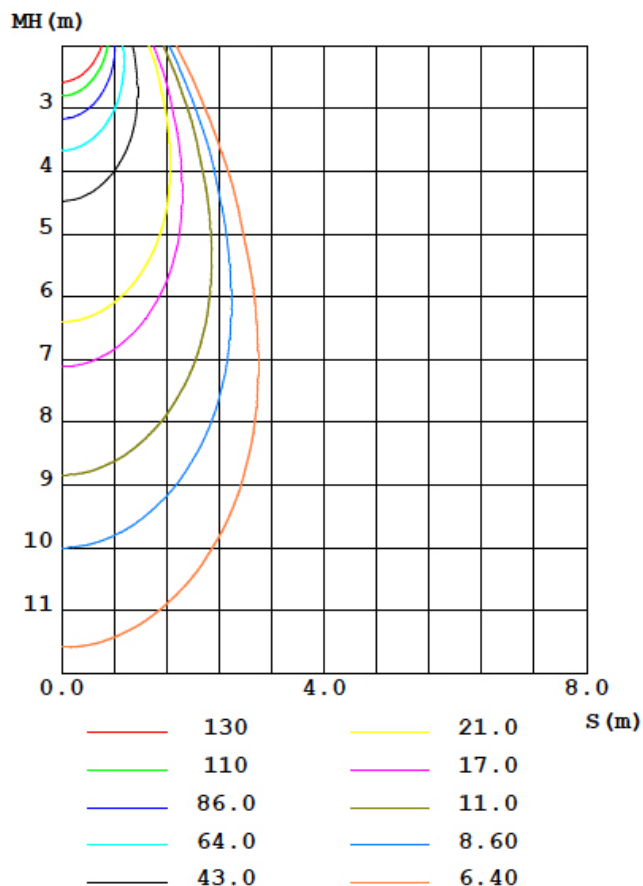
### LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



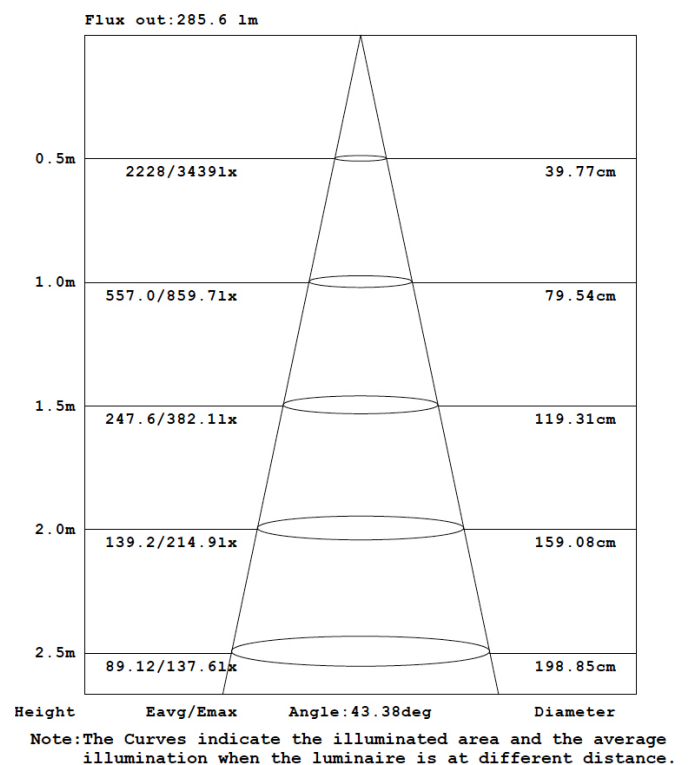
### ISOCANDELA DIAGRAM



### C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



### AAI FIGURE



## ATLAS BAFFLE

LED IP44 RECESSED DOWNLIGHT  
DLD/9318161

**DLD**  
**ARCHITECTURAL**

### PRODUCT CODE CONSTRUCTION

ATLAS BAFFLE LED IP44 RECESSED DOWNLIGHT

DLD/9318161 / [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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