

# Infinite System Specification

## — Arc series



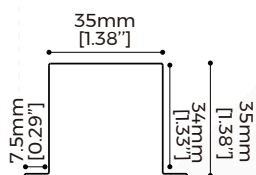
A-CE3535D

A-CE5035D

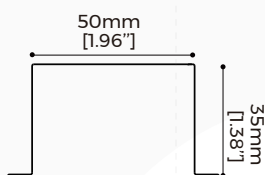
A-CE7035D



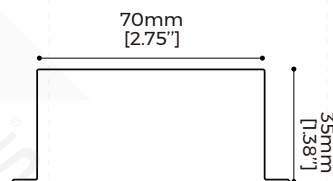
Optical: Diffuser



Model:  
A-CE3535D



Model:  
A-CE5035D



Model:  
A-CE7035D

## Basic Information

### Light efficiency

#### A-CE3535D

100LM/W(Regular), 120LM/W(High-Efficiency)

#### A-CE5035D

100LM/W(Regular), 120LM/W(High-Efficiency)

#### A-CE7035D

110LM/W(Regular), 135LM/W(High-Efficiency)

### Diameter

#### A-CE3535D/A-CE5035D

D450/600/800/1000/1200/1500/2000/3000mm

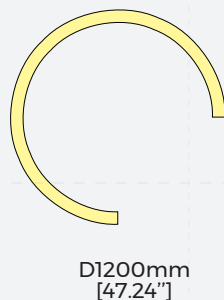
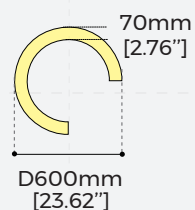
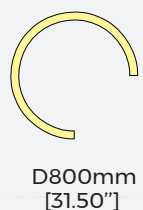
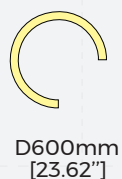
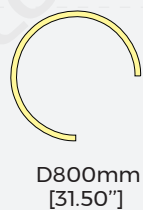
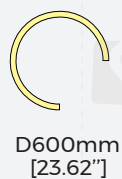
#### A-CE7035D

D600/800/1000/1200/1500/2000/3000mm

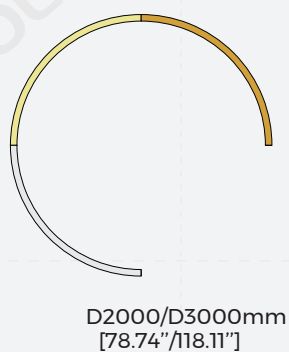
## Common information

|                   |                                                                |
|-------------------|----------------------------------------------------------------|
| · Material:       | AL6063-T5, spraying surface                                    |
| · Color:          | Black/White/Silver/Orange/Blue/Green /Rose gold/Champagne gold |
| · IP grade:       | IP20                                                           |
| · CCT:            | 2700/3000/3500/4000/5000/6500K optional                        |
| · CRI:            | >80/>90                                                        |
| · SDCM:           | ≤3 Step                                                        |
| · Dimming method: | Non-dimming, 1-10V, DALI2+PUSH                                 |
| · Application:    | Indoor                                                         |
| · Installation:   | Recessed                                                       |
| · Certification:  | CE, UKCA, ROHS, REACH, CB, ENEC, ETL, LM-80                    |
| · Warranty:       | 5 years                                                        |

## © Product Dimension Information



Case 1: For diameters  $\leq 1.2\text{m}$ , the lamp is to be produced as complete unit.



Case 2: For diameter  $> 1.2\text{m}$ , the lamp is to be divided into parts

## © Luminaire Parameters

| Model     | Version         | Diameter<br>(mm)  | Type Power<br>(W/PCS) | Input<br>Voltage<br>(V) | Input<br>Current<br>(mA) | CRI | Lumens<br>(LM/PCS) | CCT                                                       |
|-----------|-----------------|-------------------|-----------------------|-------------------------|--------------------------|-----|--------------------|-----------------------------------------------------------|
| A-CE3535D | Regular         | D450<br>[1.48ft]  | 20                    | AC200-240V              | 100                      | >80 | 2000               | 2700K<br>3000K<br>3500K<br><b>4000K</b><br>5000K<br>6500K |
|           |                 |                   |                       |                         |                          | >90 | 1720               |                                                           |
|           |                 | D600<br>[1.97ft]  | 25                    | AC200-240V              | 130                      | >80 | 2500               |                                                           |
|           |                 |                   |                       |                         |                          | >90 | 2150               |                                                           |
|           |                 | D800<br>[2.62ft]  | 35                    | AC200-240V              | 180                      | >80 | 3500               |                                                           |
|           |                 |                   |                       |                         |                          | >90 | 3010               |                                                           |
|           |                 | D1000<br>[3.28ft] | 40                    | AC200-240V              | 200                      | >80 | 4000               |                                                           |
|           |                 |                   |                       |                         |                          | >90 | 3440               |                                                           |
|           |                 | D1200<br>[3.94ft] | 55                    | AC200-240V              | 280                      | >80 | 5500               |                                                           |
|           |                 |                   |                       |                         |                          | >90 | 4730               |                                                           |
|           |                 | D1500<br>[4.92ft] | 72                    | AC200-240V              | 360                      | >80 | 7200               |                                                           |
|           |                 |                   |                       |                         |                          | >90 | 6192               |                                                           |
|           |                 | D2000<br>[6.56ft] | 92                    | AC200-240V              | 460                      | >80 | 9200               |                                                           |
|           |                 |                   |                       |                         |                          | >90 | 7912               |                                                           |
|           |                 | D3000<br>[9.84ft] | 142                   | AC200-240V              | 720                      | >80 | 14200              |                                                           |
|           |                 |                   |                       |                         |                          | >90 | 12212              |                                                           |
|           | High-Efficiency | D450<br>[1.48ft]  | 20                    | AC200-240V              | 100                      | >80 | 2400               |                                                           |
|           |                 |                   |                       |                         |                          | >90 | 2064               |                                                           |
|           |                 | D600<br>[1.97ft]  | 25                    | AC200-240V              | 130                      | >80 | 3000               |                                                           |
|           |                 |                   |                       |                         |                          | >90 | 2580               |                                                           |
|           |                 | D800<br>[2.62ft]  | 35                    | AC200-240V              | 180                      | >80 | 4200               |                                                           |
|           |                 |                   |                       |                         |                          | >90 | 3612               |                                                           |
|           |                 | D1000<br>[3.28ft] | 40                    | AC200-240V              | 200                      | >80 | 4800               |                                                           |
|           |                 |                   |                       |                         |                          | >90 | 4128               |                                                           |
|           |                 | D1200<br>[3.94ft] | 55                    | AC200-240V              | 280                      | >80 | 6600               |                                                           |
|           |                 |                   |                       |                         |                          | >90 | 5676               |                                                           |
|           |                 | D1500<br>[4.92ft] | 72                    | AC200-240V              | 360                      | >80 | 8640               |                                                           |
|           |                 |                   |                       |                         |                          | >90 | 7430               |                                                           |
|           |                 | D2000<br>[6.56ft] | 92                    | AC200-240V              | 460                      | >80 | 11040              |                                                           |
|           |                 |                   |                       |                         |                          | >90 | 9494               |                                                           |
|           |                 | D3000<br>[9.84ft] | 142                   | AC200-240V              | 720                      | >80 | 17040              |                                                           |
|           |                 |                   |                       |                         |                          | >90 | 14654              |                                                           |

| Model     | Version         | Diameter (mm)  | Type Power (W/PCS) | Input Voltage (V) | Input Current (mA) | CRI | Lumens (LM/PCS) | CCT                                                |
|-----------|-----------------|----------------|--------------------|-------------------|--------------------|-----|-----------------|----------------------------------------------------|
| A-CE5035D | Regular         | D450 [1.48ft]  | 21                 | AC200-240V        | 110                | >80 | 2100            | 2700K<br>3000K<br>3500K<br>4000K<br>5000K<br>6500K |
|           |                 |                |                    |                   |                    | >90 | 1806            |                                                    |
|           |                 | D600 [1.97ft]  | 31                 | AC200-240V        | 160                | >80 | 3100            |                                                    |
|           |                 |                |                    |                   |                    | >90 | 2666            |                                                    |
|           |                 | D800 [2.62ft]  | 41                 | AC200-240V        | 210                | >80 | 4100            |                                                    |
|           |                 |                |                    |                   |                    | >90 | 3526            |                                                    |
|           |                 | D1000 [3.28ft] | 53                 | AC200-240V        | 270                | >80 | 5300            |                                                    |
|           |                 |                |                    |                   |                    | >90 | 4558            |                                                    |
|           |                 | D1200 [3.94ft] | 63                 | AC200-240V        | 320                | >80 | 6300            |                                                    |
|           |                 |                |                    |                   |                    | >90 | 5418            |                                                    |
|           |                 | D1500 [4.92ft] | 78                 | AC200-240V        | 390                | >80 | 7800            |                                                    |
|           |                 |                |                    |                   |                    | >90 | 6708            |                                                    |
|           |                 | D2000 [6.56ft] | 106                | AC200-240V        | 540                | >80 | 10600           |                                                    |
|           |                 |                |                    |                   |                    | >90 | 9116            |                                                    |
|           |                 | D3000 [9.84ft] | 159                | AC200-240V        | 800                | >80 | 15900           |                                                    |
|           |                 |                |                    |                   |                    | >90 | 13674           |                                                    |
|           | High-Efficiency | D450 [1.48ft]  | 21                 | AC200-240V        | 110                | >80 | 2520            |                                                    |
|           |                 |                |                    |                   |                    | >90 | 2167            |                                                    |
|           |                 | D600 [1.97ft]  | 31                 | AC200-240V        | 160                | >80 | 3720            |                                                    |
|           |                 |                |                    |                   |                    | >90 | 3199            |                                                    |
|           |                 | D800 [2.62ft]  | 41                 | AC200-240V        | 210                | >80 | 4920            |                                                    |
|           |                 |                |                    |                   |                    | >90 | 4231            |                                                    |
|           |                 | D1000 [3.28ft] | 53                 | AC200-240V        | 270                | >80 | 6360            |                                                    |
|           |                 |                |                    |                   |                    | >90 | 5470            |                                                    |
|           |                 | D1200 [3.94ft] | 63                 | AC200-240V        | 320                | >80 | 7560            |                                                    |
|           |                 |                |                    |                   |                    | >90 | 6502            |                                                    |
|           |                 | D1500 [4.92ft] | 78                 | AC200-240V        | 390                | >80 | 9360            |                                                    |
|           |                 |                |                    |                   |                    | >90 | 8050            |                                                    |
|           |                 | D2000 [6.56ft] | 106                | AC200-240V        | 540                | >80 | 12720           |                                                    |
|           |                 |                |                    |                   |                    | >90 | 10939           |                                                    |
|           |                 | D3000 [9.84ft] | 159                | AC200-240V        | 800                | >80 | 19080           |                                                    |
|           |                 |                |                    |                   |                    | >90 | 16409           |                                                    |

| Model     | Version         | Diameter<br>(mm)  | Type Power<br>(W/PCS) | Input<br>Voltage<br>(V) | Input<br>Current<br>(mA) | CRI | Lumens<br>(LM/PCS) | CCT                                                |
|-----------|-----------------|-------------------|-----------------------|-------------------------|--------------------------|-----|--------------------|----------------------------------------------------|
| A-CE7035D | Regular         | D600<br>[1.97ft]  | 41                    | AC200-240V              | 210                      | >80 | 4510               | 2700K<br>3000K<br>3500K<br>4000K<br>5000K<br>6500K |
|           |                 |                   |                       |                         |                          | >90 | 3879               |                                                    |
|           |                 | D800<br>[2.62ft]  | 55                    | AC200-240V              | 280                      | >80 | 6050               |                                                    |
|           |                 |                   |                       |                         |                          | >90 | 5203               |                                                    |
|           |                 | D1000<br>[3.28ft] | 72                    | AC200-240V              | 360                      | >80 | 7920               |                                                    |
|           |                 |                   |                       |                         |                          | >90 | 6811               |                                                    |
|           |                 | D1200<br>[3.94ft] | 78                    | AC200-240V              | 390                      | >80 | 8580               |                                                    |
|           |                 |                   |                       |                         |                          | >90 | 7379               |                                                    |
|           |                 | D1500<br>[4.92ft] | 110                   | AC200-240V              | 560                      | >80 | 12100              |                                                    |
|           |                 |                   |                       |                         |                          | >90 | 10406              |                                                    |
|           |                 | D2000<br>[6.56ft] | 150                   | AC200-240V              | 760                      | >80 | 16500              |                                                    |
|           |                 |                   |                       |                         |                          | >90 | 14190              |                                                    |
|           |                 | D3000<br>[9.84ft] | 222                   | AC200-240V              | 1120                     | >80 | 24420              |                                                    |
|           |                 |                   |                       |                         |                          | >90 | 21001              |                                                    |
|           | High-Efficiency | D600<br>[1.97ft]  | 41                    | AC200-240V              | 210                      | >80 | 5535               |                                                    |
|           |                 |                   |                       |                         |                          | >90 | 4760               |                                                    |
|           |                 | D800<br>[2.62ft]  | 55                    | AC200-240V              | 280                      | >80 | 7425               |                                                    |
|           |                 |                   |                       |                         |                          | >90 | 6386               |                                                    |
|           |                 | D1000<br>[3.28ft] | 72                    | AC200-240V              | 360                      | >80 | 9720               |                                                    |
|           |                 |                   |                       |                         |                          | >90 | 8359               |                                                    |
|           |                 | D1200<br>[3.94ft] | 78                    | AC200-240V              | 390                      | >80 | 10530              |                                                    |
|           |                 |                   |                       |                         |                          | >90 | 9056               |                                                    |
|           |                 | D1500<br>[4.92ft] | 110                   | AC200-240V              | 560                      | >80 | 14850              |                                                    |
|           |                 |                   |                       |                         |                          | >90 | 12771              |                                                    |
|           |                 | D2000<br>[6.56ft] | 150                   | AC200-240V              | 760                      | >80 | 20250              |                                                    |
|           |                 |                   |                       |                         |                          | >90 | 17415              |                                                    |
|           |                 | D3000<br>[9.84ft] | 222                   | AC200-240V              | 1120                     | >80 | 29970              |                                                    |
|           |                 |                   |                       |                         |                          | >90 | 25774              |                                                    |

Note:

1. The output data is based on white coated luminaire with Ra80,4000K.
2. The above lumens data are at 4000K color temperature.
3. High-efficiency version does not do 3500K and 5000K.
4. The tolerance of output data can be vary up to 15%.
5. The output data is typical value.
6. The following is an example of lumen conversion instructions:

| CCT   | RA | Ratio of lumens<br>(white coated luminaire) | Ratio of lumens<br>(Other coated colors of luminaire)                |
|-------|----|---------------------------------------------|----------------------------------------------------------------------|
| 2700K | 80 | 90%                                         | Calculate white coated luminaire lumens first, then multiply by 90 % |
|       | 90 | 77%                                         |                                                                      |
| 3000K | 80 | 93%                                         |                                                                      |
|       | 90 | 80%                                         |                                                                      |
| 3500K | 80 | 97%                                         |                                                                      |
|       | 90 | 83%                                         |                                                                      |
| 4000K | 80 | 100%                                        |                                                                      |
|       | 90 | 86%                                         |                                                                      |
| 5000K | 80 | 100%                                        |                                                                      |
|       | 90 | 86%                                         |                                                                      |
| 6500K | 80 | 100%                                        |                                                                      |
|       | 90 | 86%                                         |                                                                      |

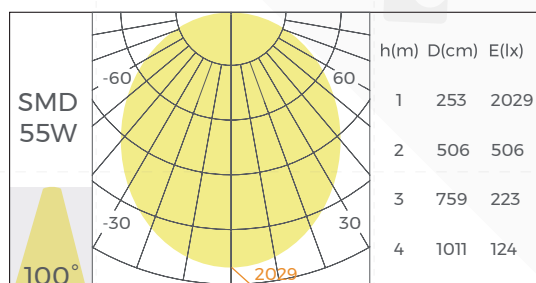
Note: All other lumens are to be based on white coated luminaire with 4000K,RA80(100%);and multiplied by the percentage in the table above.

Assuming a 4000K, RA80 white coated luminaire with 1000lm lumens:

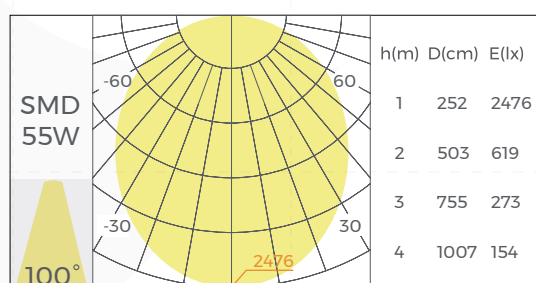
|                                                                             |                                               |
|-----------------------------------------------------------------------------|-----------------------------------------------|
| Example 1: If you need 4000K,RA90 lumens (white coated luminaire)           | $1000 \times 86\% = 860\text{lm}$             |
| Example 2: If you need 4000K,RA90 lumens (other coated colors of luminaire) | $1000 \times 86\% \times 90\% = 774\text{lm}$ |
| Example 3: If you need 3000K,RA80 lumens (white coated luminaire)           | $1000 \times 93\% = 930\text{lm}$             |
| Example 4: If you need 3000K,RA90 lumens (white coated luminaire)           | $1000 \times 80\% = 800\text{lm}$             |
| Example 5: If you need 5000K,RA80 lumens (white coated luminaire)           | $1000 \times 100\% = 1000\text{lm}$           |

## © Optical Parameter

### 【A-CE3535D】



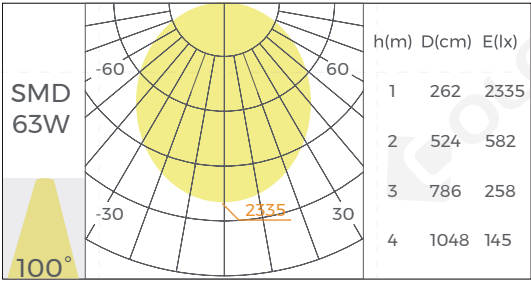
Regular version



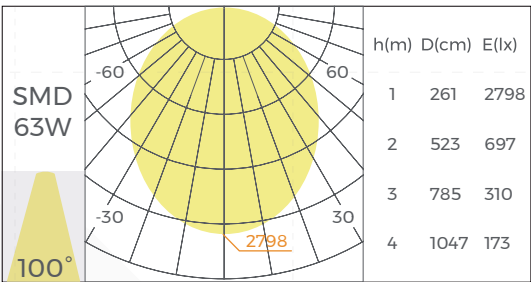
High-efficiency version

\*The above data is based on a 1200mm diameter luminaire with Ra80,4000K.

【A-CE5035D】



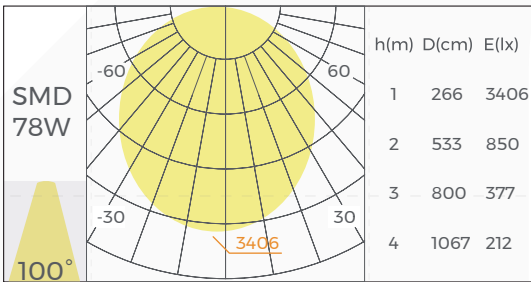
Regular version



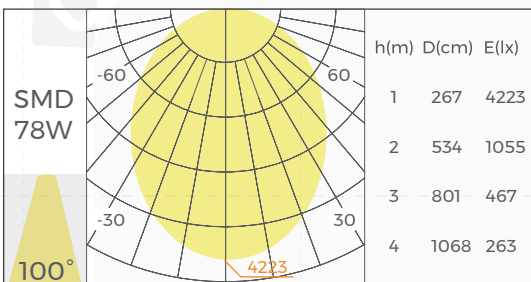
High-efficiency version

\*The above data is based on a 1200mm diameter luminaire with Ra80,4000K.

【A-CE7035D】



Regular version

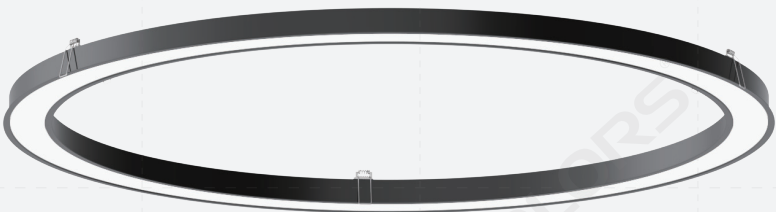


High-efficiency version

\*The above data is based on a 1200mm diameter luminaire with Ra80,4000K.

◎ Installation

External power supply



Recessed

◎ Packing

| Model                      | Quantity<br>(PCS/carton) | NW<br>(kg/carton) | GW<br>(kg/carton) | Size<br>(mm/carton)                     |
|----------------------------|--------------------------|-------------------|-------------------|-----------------------------------------|
| A-CE3535DD0450(R)-N840W020 | 4                        | 3.13              | 5.53              | 520*520*380<br>[20.47"*20.47"*14.96"]   |
| A-CE3535DD0600(R)-N840W025 | 4                        | 4.26              | 7.46              | 670*670*380<br>[26.37"*26.37"*14.96"]   |
| A-CE3535DD0800(R)-N840W035 | 4                        | 5.77              | 9.37              | 870*870*380<br>[34.25"*34.25"*14.96"]   |
| A-CE3535DD1000(R)-N840W040 | 4                        | 7.27              | 11.27             | 1070*1070*380<br>[42.12"*42.12"*14.96"] |
| A-CE3535DD1200(R)-N840W055 | 4                        | 8.78              | 13.38             | 1270*1270*380<br>[50"*50"*14.96"]       |
| A-CE3535DD1500(R)-N840W072 | 4                        | 11.04             | 16.24             | 1120*520*380<br>[44.09"*20.47"*14.96"]  |
| A-CE3535DD2000(R)-N840W092 | 2                        | 7.40              | 10.40             | 1470*540*380<br>[57.87"*21.25"*14.96"]  |
| A-CE3535DD3000(R)-N840W142 | 2                        | 11.17             | 14.77             | 2170*520*380<br>[85.43"*20.47"*14.96"]  |
| A-CE5035DD0450(R)-N840W021 | 4                        | 3.77              | 6.17              | 520*520*380<br>[20.47"*20.47"*14.96"]   |
| A-CE5035DD0600(R)-N840W031 | 4                        | 5.18              | 8.38              | 670*670*380<br>[26.37"*26.37"*14.96"]   |
| A-CE5035DD0800(R)-N840W041 | 4                        | 7.07              | 10.67             | 870*870*380<br>[34.25"*34.25"*14.96"]   |
| A-CE5035DD1000(R)-N840W053 | 4                        | 8.95              | 12.95             | 1070*1070*380<br>[42.12"*42.12"*14.96"] |
| A-CE5035DD1200(R)-N840W063 | 4                        | 10.83             | 15.43             | 1270*1270*380<br>[50"*50"*14.96"]       |
| A-CE5035DD1500(R)-N840W078 | 4                        | 13.66             | 18.86             | 1120*520*380<br>[44.09"*20.47"*14.96"]  |
| A-CE5035DD2000(R)-N840W106 | 2                        | 9.18              | 12.18             | 1470*540*380<br>[57.87"*21.25"*14.96"]  |
| A-CE5035DD3000(R)-N840W159 | 2                        | 13.89             | 17.49             | 2170*520*380<br>[85.43"*20.47"*14.96"]  |

| Model                      | Quantity<br>(PCS/carton) | NW<br>(kg/carton) | CW<br>(kg/carton) | Size<br>(mm/carton)                     |
|----------------------------|--------------------------|-------------------|-------------------|-----------------------------------------|
| A-CE7035DD0600(R)-N840W041 | 4                        | 5.74              | 8.14              | 670*670*380<br>[26.37"*26.37"*14.96"]   |
| A-CE7035DD0800(R)-N840W055 | 4                        | 7.91              | 11.11             | 870*870*380<br>[34.25"*34.25"*14.96"]   |
| A-CE7035DD1000(R)-N840W072 | 4                        | 10.07             | 13.67             | 1070*1070*380<br>[42.12"*42.12"*14.96"] |
| A-CE7035DD1200(R)-N840W078 | 4                        | 12.24             | 16.24             | 1270*1270*380<br>[50"*50"*14.96"]       |
| A-CE7035DD1500(R)-N840W110 | 4                        | 15.49             | 20.69             | 1120*520*380<br>[44.09"*20.47"*14.96"]  |
| A-CE7035DD2000(R)-N840W150 | 2                        | 10.45             | 13.45             | 1470*540*380<br>[57.87"*21.25"*14.96"]  |
| A-CE7035DD3000(R)-N840W222 | 2                        | 15.87             | 19.47             | 2170*520*380<br>[85.43"*20.47"*14.96"]  |

Note:

1. Lamps packaged without inner box, directly use the outer box.
2. The above weight data is for reference, the exact data should be based on the weight of the physical weighing shall prevail.

## Model Code

|                                                                                                                                                   |   |                                          |                                                   |                                                                    |                                             |                           |                                                 |   |                                                         |                             |                                            |                                            |   |                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------|---|------------------------------------------|---------------------------------------------------|--------------------------------------------------------------------|---------------------------------------------|---------------------------|-------------------------------------------------|---|---------------------------------------------------------|-----------------------------|--------------------------------------------|--------------------------------------------|---|------------------------|
| <b>A</b>                                                                                                                                          | - | <b>C</b>                                 | <b>E</b>                                          | <b>3535</b>                                                        | <b>D</b>                                    | <b>D1200</b>              | <b>(R)</b>                                      | - | <b>N</b>                                                | <b>8</b>                    | <b>40</b>                                  | <b>B</b>                                   | - | <b>055</b>             |
| Series<br>A: Arc series<br>C: Circle series<br>S: Square series<br>W: Wave series<br>T: Triangle series<br>H: Hexagon series<br>D: Diamond series |   | Type<br>R: Right angle<br>C: Curve angle | Installation<br>E: Recessed<br>S: Ceiling/Pendant | Size<br>3535:<br>35mm: Luminous surface width<br>35mm: Lamp height | Optical Type<br>D: Diffuser<br>P: Prismatic | Diameter<br>D1200: 1200mm | Version<br>(R): Regular<br>(H): High-efficiency |   | Dimming Method<br>N: Non-dimming<br>D: 1-10V<br>A: DALI | CRI<br>8: Ra>80<br>9: Ra>90 | CCT<br>27: 2700K<br>30: 3000K<br>40: 4000K | Color<br>B: Black<br>W: White<br>S: Silver |   | Type power<br>055: 55W |

## Attentions

- 1、Non-professionals are prohibited from installing, disassembling and repairing the product.
- 2、Avoid scratching, distortion and irregular bending of the product during installation; otherwise it may cause irreparable damage to the product.
- 3、Please use professional cutting tools when cutting
- 4、Do not use any acid or alkaline adhesive to fix products
- 5、The product is only suitable for indoor dry places, can not be used in outdoor, seaside or wet environment.
- 6、PC features: Each 10°C rise or drop will make diffuser extend or shrink 0.8mm/m, please confirm before processing and use