

# APPOLO

SPOT DOWN SERIES



**Model No: LM-022-DLL3S\*\*-12W**

## TECHNICAL DESCRIPTION

Round fixed deep-coned recessed luminaire with contact frame. The LED is set back to minimize direct glare. The recessed body is made of die cast aluminium and the reflector ring of thermoplastic available in a range of painted and metallised finishes.

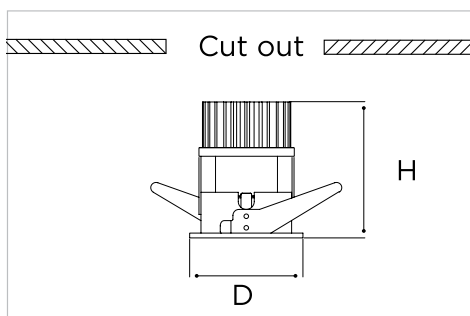
## INSTALLATION

Recessed in a false ceiling by means of a steel spring - minimum thickness of false ceiling: 5 mm.

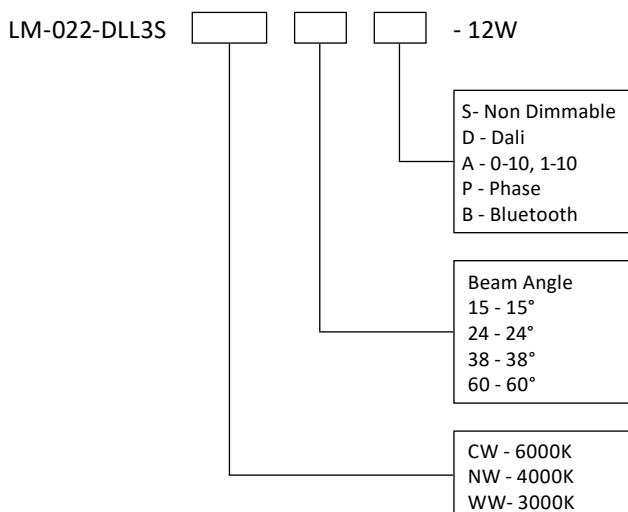
## AREAS OF APPLICATION

• Hotel • Supermarket • Office • Residential • Commercial

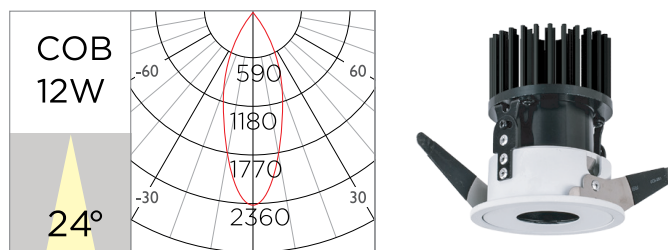
## DIAGRAM



## MODEL NUMBER SELECTION



## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



## PHYSICAL CHARACTERISTICS

|               |                 |                      |                           |
|---------------|-----------------|----------------------|---------------------------|
| Installation  | Recessed        | Rotation             | Non Adjustable            |
| Driver        | Remote          | IP-Rating            | IP20, IP44                |
| Cut-Out Size  | 78 (mm)         | IK-Rating            | IK03                      |
| Dimension     | D85 x H108 (mm) | Fixture Material     | Die Cast Aluminium        |
| Adjustability | Fixed           | Standard Finish      | White, Black, White+Black |
| Reflector     | Aluminium       | Optional Accessories | N/A                       |

## ELECTRICAL CHARACTERISTICS

|                        |           |                        |                              |
|------------------------|-----------|------------------------|------------------------------|
| Light Source           | Bridgelux | Color Temperature      | 3000K, 4000K, 6000K          |
| LED Current            | 350 mA    | Beam Angle             | 15°/24°/38°/60°              |
| LED Voltage            | 33V       | Dimming Options        | NON-DIM, PHASE, 1-10V, DALI  |
| LED Power              | 12W       | Power Factor           | 0.9W                         |
| System Power           | 11.55W    | UGR                    | <15                          |
| LED Luminous Flux      | 1020lm    | Driver Options         | LYTEMASTER, TRIDONIC, HELVAR |
| Chromaticity Tolerance | SDCM≤3    | Extended Configuration | 2700K, 5000K                 |
| Color Rendering Index  | >80/90    | Options On Request     | Bluetooth                    |

## PRODUCT SPECIFICATION

|               |          |                        |               |
|---------------|----------|------------------------|---------------|
| Mains Volatge | 220-240V | Environmental Temp     | -20°C ~ +40°C |
| Frequency     | 50/60 Hz | Rated Service Life (h) | 55,000        |
| Safety Class  | II       | Certification          | TUV, CE, RoHS |

Notice: We reserve the right to make the technical changes without notice. Please contact our sales office for further information.