

FUSION

RECESSED LUMINAIRES



Model No: LM-003-IGRW7-42W**

TECHNICAL DESCRIPTION

Round floor recessed, drive-over luminaires with integral transformer, different sizes. Polypropylene recessed box and flat stainless steel aluminium frames. Die cast aluminium body sealed to IP67. With a choice of 3 monochromatic colours, dynamic RGB versions for Fusion driven by DMX driver. Other DMX components ordered separately.

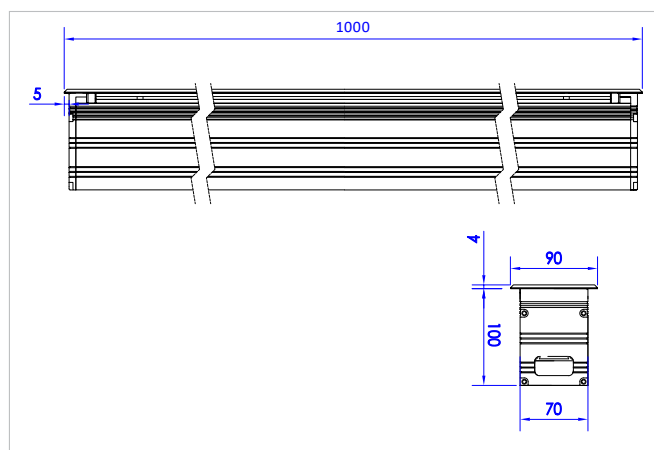
INSTALLATION

Luminaire delivered complete with body, recessed box, frame and glass. All versions are pre-wired. For outdoor applications, 30cm drainage gravel or any equivalent drainage system must be used beneath the housing to ensure water evacuation. The recessed box can be embedded in asphalt with good drainage once the temperature of the asphalt is approximately 80°C. Luminaire must be operated for 45 minutes without its front glass to avoid moisture build-up inside the housing.

AREAS OF APPLICATION

- Wall Washer • Uplight

DIAGRAM



MODEL NUMBER SELECTION

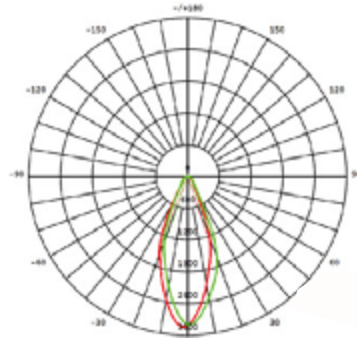
LM-003-IGRW7 - 42W

S- Non Dimmable
D - DALI
A - 0-10, 1-10
P - Phase

Beam Angle
8-8° 45-45°
12.5-12.5° 60-60°
20-20° 15x30-15x30°
30-30° 10x60-10x60°

CW - 6000K
NW - 4000K
WW- 3000K

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



PHYSICAL CHARACTERISTICS

| | | | |
|---------------|-------------------------|----------------------|--|
| Installation | Recessed | IP-Rating | IP67 |
| Driver | Remote | IK-Rating | IK09 |
| Dimension | L1000 x W90 x H100 (mm) | Fixture Material | 316 Stainless Steel + Die Cast Aluminium |
| Adjustability | 5° Tilt | Standard Finish | Grey, Black |
| Diffuser | Tempered Glass | Optional Accessories | Honeycomb louvre |
| Rotation | Non Adjustable | | |

ELECTRICAL CHARACTERISTICS

| | | | |
|------------------------|---------------------|------------------------|---|
| Light Source | Bridgelux | Beam Angle | 8°/12.5°/20°/30° 45°/60°/15x30°/10x60° |
| LED Power | 42W | Dimming Options | NON-DIM, PHASE, 1-10V, DALI |
| LED Luminous Flux | 4200lm | Power Factor | 0.9 |
| Chromaticity Tolerance | SDCM≤3 | Driver Options | LYTEMASTER, TRIDONIC, HELVAR |
| Color Rendering Index | >80/90 | Extended Configuration | 2700K, 5000K, RGB |
| Color Temperature | 3000K, 4000K, 6000K | Options On Request | N/A |

PRODUCT SPECIFICATION

| | | | |
|---------------|---------------------|------------------------|---------------|
| Mains Volatge | DC24V AC100-240V | Environmental Temp | -20°C ~ +40°C |
| Frequency | 50/60 Hz | Rated Service Life (h) | 55,000 |
| Safety Class | II | Certification | CE, RoHS |

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