

# FUSION

RECESSED LUMINAIRES



**Model No: LM-003-IGRW7\*\*-7W**

## 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.

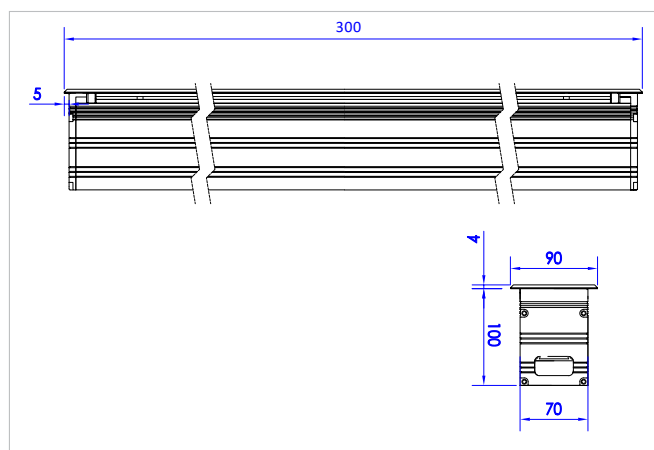
## INSTALLATION

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

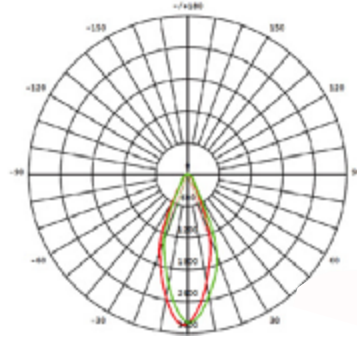
LM-003-IGRW7    -7W

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	L300 x W90 xH 100 (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	7W	Dimming Options	NON-DIM, PHASE, 1-10V, DALI
LED Luminous Flux	700lm	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.