

INTELL RD

RECESSED LUMINAIRES



Model No: LM-025-INGRE5-90W**

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 IP68. With a choice of 3 monochromatic colours, dynamic RGB versions for INTELL RD driven by DMX driver. Other DMX components ordered separately.

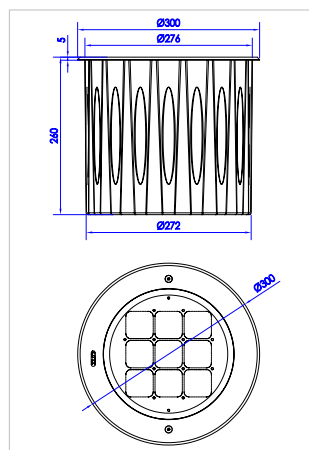
INSTALLATION

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

• Ramp Light • Wall Recessed • Walkway Light

DIAGRAM



MODEL NUMBER SELECTION

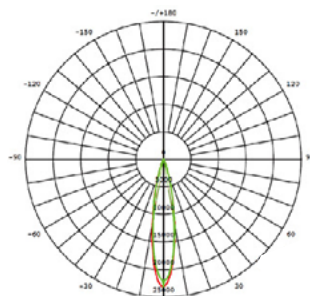
LM-025-INGRE5 - 90W

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

Beam Angle
4.5-4.5° 30-30°
8-8° 60-60°
12-12° 10x70- 10x70°
20-20° 5x20-5x20°

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

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



PHYSICAL CHARACTERISTICS

Installation	Recessed	Rotation	Non Adjustable
Driver	Integrated	IP-Rating	IP68
Cut-Out Size	300 (mm)	IK-Rating	IK10
Dimension	D300 x H260 (mm)	Fixture Material	316 Stainless Steel + Die Cast Aluminium
Adjustability	N/A	Standard Finish	Grey, Black
Diffuser	Tempered Glass	Optional Accessories	N/A

ELECTRICAL CHARACTERISTICS

Light Source	Bridgelux	Beam Angle	4.5°/8°/12°/20° 30°/60°/10x70°/5x20°
LED Power	90W	Dimming Options	NON-DIM, PHASE, 1-10V, DALI, DMX512
LED Luminous Flux	8100lm	Power Factor	0.9
Chromaticity Tolerance	SDCM≤3	Driver Options	LYTEMASTER, TRIDONIC, HELVAR
Color Rendering Index	>80/90	Options On Request	N/A
Color Temperature	2700K-6000K, RGBW		

PRODUCT SPECIFICATION

Mains Volatge	AC100-305V DC24V	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.