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ILLUMARA LOWBAY G2

ILLUMARA LOWBAY G2 is an efficient and versatile low bay luminaire designed for a wide range of industrial and commercial environments, including metal fabrication plants, automotive facilities, warehouses, logistics centers, and food and beverage production areas.

The luminaire features a multiple wattage selector, along with various light distributions and mounting options, allowing the lighting output to be adjusted to suit the specific requirements of each application. ILLUMARA LOWBAY G2 delivers high energy efficiency with excellent light uniformity and visual comfort.

Optional connectivity and control features further enhance energy savings across the installation. ILLUMARA LOWBAY G2 maximizes return on investment by providing a comfortable working environment while minimizing overall energy consumption.

IP 65

IK 08

CE

CAR PARKS

SPORT FACILITIES

LARGE AREAS

INDUSTRIAL & WAREHOUSES

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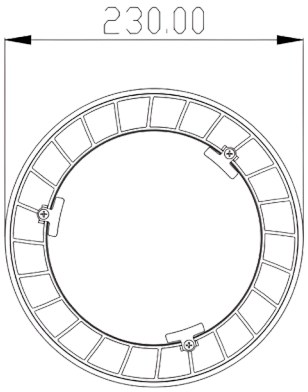
CHARACTERISTICS

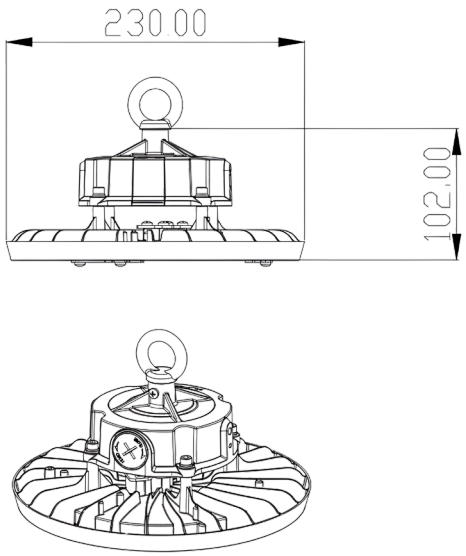
KEY FEATURES

> High flexibility, low bay applications available
> High efficient and energy savings
> Long lifetime and low maintenance
> Flicker-free lighting
> With power adjustable selector on the low bay application

DIMENSIONS AND MOUNTING

(Diameter | height) in mm	
ILLUMARA LOWBAY G2	: 230 | 102
Mounting Possibilities	Surface Mounting
	Suspension Mounting





WEIGHT (KG)

ILLUMARA LOWBAY G2	: 1.25

Notes: LB 30-50-70 stands for the three (3) wattage selection by a specific control for low bay applications.

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CHARACTERISTICS

GENERAL	
CE Mark	Yes

HOUSING AND FINISH	
Housing	Die-casting Aluminum Alloy (ADC12)
Optic	Polycarbonate
Diffuser	N/A
Housing Finish	RAL 9017 (Black)
Tightness Level	IP65
Impact Resistance	IK08

Note: Other RAL or AKZO color options are available upon request. Please consult our Sales Representative for details.

OPERATING CONDITIONS	
Operating temperature range (Ta)	-30°C up to +50°C

Depending on the luminaire configuration. For more details, please consult our Sales Representative.

ELECTRICAL INFORMATION	
Electrical Class	Class I
Nominal Voltage	AC 100-277V, AC 220-240 50/60Hz
Surge Protection	L-N: 4/6kV, L/N-G: 6kV
SDCM	≤5 MacAdam
Power Factor	≥ 0.95 at full load
Control Protocols	0-10V, DALI (optional)

OPTICAL INFORMATION	
LED colour temperature	4000K (Neutral White NW840) 5000K (Cool White CW850) 5700K (Cool White CW857)
Colour rendering index (CRI)	>80 (Neutral White NW840) >80 (Cool White CW850) >80 (Cool White CW857)

LIFETIME OF THE LEDS @ TQ 25°C	
All configurations	50000h

The rated lifetime may differ based on product size and configuration. For exact details, please consult our Sales Representative.

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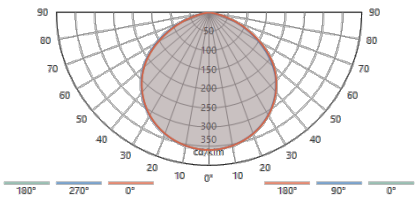
PERFORMANCE

	Fixture Size	Beam Angle	Luminaire output flux (lm) >80	Power Consumption (W)	Luminaire Efficacy (lm/W)
			4000K/5000K/5700K		
	ILLUMARA LOWBAY G2 30	110°	4800 @4000K	30W	160
	ILLUMARA LOWBAY G2 50	110°	8000 @4000K	50W	160
	ILLUMARA LOWBAY G2 70	110°	11200 @4000K	70W	160

LIGHT DISTRIBUTION

110° Symmetric



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ORDERING GUIDE (SASO CODE)

Fixture Name	Fixture Type

ILLUMARA LOWBAY G2	**30** 30 watts
	50 50 watts
	70 70 watts

Note:

1. Schreder reserves the right to update andd revise product specifications without prior public announcements or publisihing of marketing information. Please always consult your nearest Schreder Sales and Commercial Representative for latest and valid product specifications

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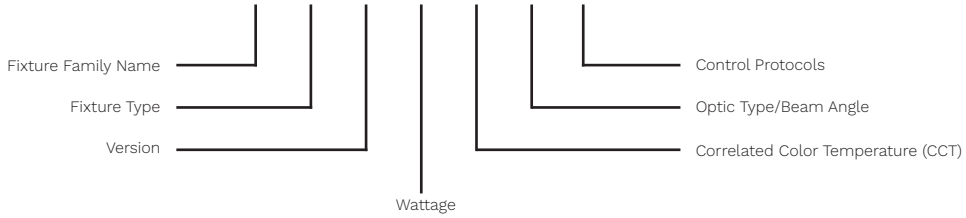
ORDERING GUIDE (STANDARD CODE)

Ordering Code reference: **ILL- LB-G2-30W-40-110°-D**



Fixture Family Name		Fixture Type		Version		Wattage		Correlated Color Temperature		Optic Type/ Beam Angle		Control Protocols
	-		-		-		-		-		-	
ILL Illumara		**LB** Low Bay		**G2** Version 2.0		**30W** 30 watts **50W** 50 watts **70W** 70 watts		**40** 4000K **50** 5000K **57** 5700K		**110°** 110° Symmetric		**Blank** Standard On-Off **D** DALI

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