

AGAR

AGAR PRISMATIC – WALL LIGHT

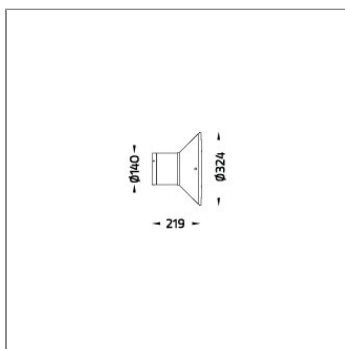
WALL SURFACE LIGHT



LAST UPDATE: 21-07-2025



AGAR a range of wall light and bollard with COB LED which are generally installed in the walk ways, parks and open spaces. The vandal resistant polycarbonate diffuser is available in prismatic or opal option. AGAR spreads the light evenly on walls and surfaces and at the same time provides glare free comfortable light distribution for the architectural environment as well as being an eye-catching object. Three color temperatures with a high CRI makes AGAR suitable for professional lighting application. The bollard height can be customized according to specific requirement. Version with HID lamps and E27 holder for Led retrofit lamps are also available on request. An anchorage unit is available as an accessory.



Technical Data



Ordering Code :	7029-0-5-506-XX
Lamp :	LED
CCT :	2700 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	3160 lm
Luminaire Lumen :	1550 lm
Lamp Wattage :	23 W
Luminaire Wattage :	27 W
Efficacy :	57 lm/W
Ambient Temperature :	40°C
Lumen Maintenance	L70B10 >90,000 h
Controller :	DALI
Input Voltage :	220-240Vac 50/60Hz
Net Weight :	2.82 kg.

Ordering code guide

XXXX-X-X-XXX-XX				
A	B	C	D	E
Product Code	Reflector	Electrical Component	Lamp	Color



Icon definition

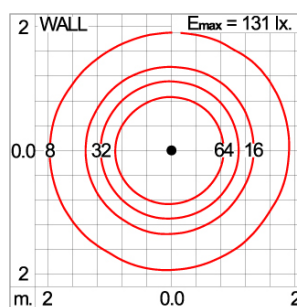
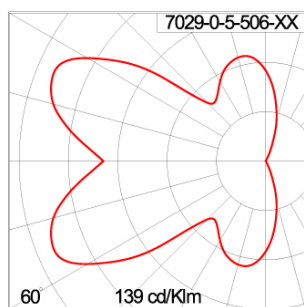
*Due to the constancy of product development, we reserve the right to alter all specification without prior notice.

Unilamp Co., Ltd.
461 Ramintra Road, Kannayao, Bangkok 10230 Thailand
Tel : +66(0)2 943 2420-1, +66(0)2 946 4170-1
Fax : +66(0)2 943 2419
online@unilamp.co.th
www.unilamp.co.th

Specification

IEC Standard	IEC 60598-1 General Requirement IEC 60598-2-1 Fixed Luminaires
Protection	IP65 Class I
IK Rating	Protection against mechanical impact IK08 on body and optical part.
Luminaires Body Housing	High-pressure die cast aluminum alloy body and components. Extruded aluminum 6063 alloy body with low copper content.
Coating Process	Nano Ceramic surface conversion, resistant to corrosive environment. Luminaire primarily coated with epoxy resin and top coated with UV stabilized polyester powder and cured in digital temperature controlled chamber at 200°C.
Diffuser	Self-extinguishing high impact resistant prismatic polycarbonate diffuser with UV stabilized additive.
Gasket	Post-cured treated silicone gasket. Temperature and weather resistant. Working temperature -40°C to +200°C.
External Screws	External screws are in stainless steel with protection grease.
Cable Entry	Cable entry protected by weather proof grommet. To be used with H05RN-F/ H07RN-F cable with 6-13mm. diameter.
Led	High efficiency LED module in COB technology. Assembled on MCPCB and mounted on to heat conductive material.
Driver	High quality DALI Driver in constant current. Conform to applicable safety standards and electromagnetic compatibility.
Internal Wire	Tinned copper conductor with silicone insulated internal wire. IMQ approved. Working temperature -40°C to +180°C.
Terminal Block	Terminal block in GFR PA6.6 for cable with cross section up to 2.5 sqmm. VDE approved. Class1 luminaire provided with the earth connection.
Caution	Installation work has to be carried on according to the enclosed installation manual.
Color	<div> <div style="display: inline-block; width: 15px; height: 15px; background-color: black; margin-right: 5px;"></div> Black 01 <div style="display: inline-block; width: 15px; height: 15px; background-color: #333; margin-right: 5px; margin-top: 2px;"></div> Graphite 02 <div style="display: inline-block; width: 15px; height: 15px; background-color: #666; margin-right: 5px; margin-top: 2px;"></div> Dark Grey 03 <div style="display: inline-block; width: 15px; height: 15px; background-color: #ccc; margin-right: 5px; margin-top: 2px;"></div> Aluminum Silver 04 <div style="display: inline-block; width: 15px; height: 15px; background-color: white; margin-right: 5px; margin-top: 2px;"></div> White 06 </div>

Light Distribution



AGAR

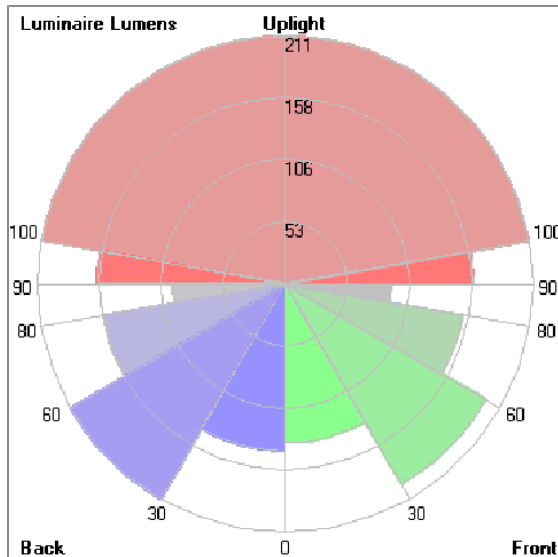
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Bug Report



Lum. Classification System (LCS)

LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	135.3	4.3	8.7
FM	[30-60]	196.8	6.2	12.7
FH	[60-80]	153.6	4.9	9.9
FVH	[80-90]	89.9	2.8	5.8
BL	[0-30]	142.2	4.5	9.2
BM	[30-60]	211.1	6.7	13.6
BH	[60-80]	156.7	5.0	10.1
BVH	[80-90]	94.9	3.0	6.1
UL	[90-100]	159.5	5.0	10.3
UH	[100-180]	210.0	6.6	13.5
Total		1550.0	49.0	100.0
BUG Rating		B1-U3-G1		

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