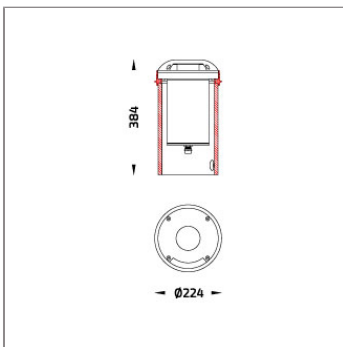




AYERS ground washer luminaires provide the users a low glare multi direction light distribution. The luminaire is able to withstand drive over applications at low speeds due to its robust high strength aluminium cover and GFR polymer recessed housing. The high quality optical mirrored reflector produces a high lumen output in a low silhouette fixture. Reflector designed and optimized by Photopia engineering software plus a COB LED from renowned manufacturers allow AYERS a high intensity sharp light output. The family is available in 2 sizes in one-opening, 2-opening and 4-opening. It is a perfect choice to illuminate ground surfaces. AYERS is supplied with a post-cured durable silicone gasket and pre-wired cable for outdoor application.



### Technical Data



Ordering Code :	9104-0-3-505-XX
Lamp :	LED
CCT :	2700 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	2300 lm
Luminaire Lumen :	100 lm
Lamp Wattage :	16 W
Luminaire Wattage :	19 W
Efficacy :	5 lm/W
Ambient Temperature :	50°C
Lumen Maintenance	L70B10 >90,000 h
Controller :	On-Off
Input Voltage :	220-240Vac 50/60Hz
Net Weight :	7.80 kg.

#### Ordering code guide

XXXX-X-X-XXX-XX

B
D

A
C
E

- A Product Code
- B Reflector
- C Electrical Component
- D Lamp
- E Color





















Icon definition

## AYERS ONE OPENING

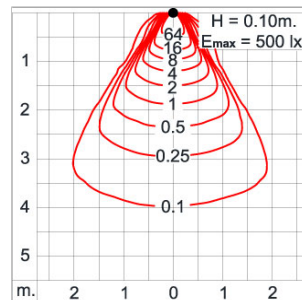
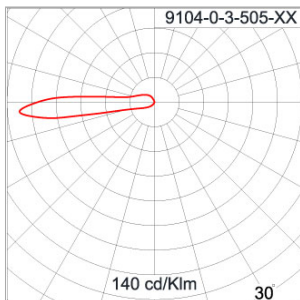
### BURIED GROUND WASHER

LAST UPDATE: 19-06-2023

#### Specification

IEC Standard	IEC 60598-1 General Requirement IEC 60598-2-13 Ground Recessed Luminaires												
Protection	IP67 Class I												
IK Rating	Protection against mechanical impact IK10 on body and optical part.												
Luminaires Body Housing	High Strength Cast Aluminium alloy component. Extruded Aluminium 56063 alloy body with low copper content. Recessed housing made of GFR polymer. Luminaire withstands a maximum static load of 1000 kg.												
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	Safety pressed glass cover from Germany.												
Reflector	High performance metallized reflector.												
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 M20 cable gland. To be used with H05RN-F/ H07RN-F cable with 7-13mm. diameter.												
Led	High efficiency LED module in COB technology. Assembled on MCPCB and mounted on to heat conductive material.												
Driver	High quality constant current LED driver. Conform to safety standard and electromagnetic compatibility standard.												
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.												
Pre-Wire Cable	Pre-wired with 3x1.0 sqmm. H07RN-F neoprene cable. IMQ approved. Equipped with anti-humidity kit.												
Caution	Installation work has to be carried on according to the enclosed installation manual. The water drainage system must be tested to ensure that it is working sufficiency and efficiency.												
Color	<table border="0"> <tr><td></td><td>Black O1</td></tr> <tr><td></td><td>Graphite O2</td></tr> <tr><td></td><td>Dark Grey O3</td></tr> <tr><td></td><td>Aluminium Silver O4</td></tr> <tr><td></td><td>White O6</td></tr> <tr><td></td><td>Wooden Brown O7</td></tr> </table>		Black O1		Graphite O2		Dark Grey O3		Aluminium Silver O4		White O6		Wooden Brown O7
	Black O1												
	Graphite O2												
	Dark Grey O3												
	Aluminium Silver O4												
	White O6												
	Wooden Brown O7												

#### Light Distribution



#### Accessories



Ordering Code:  
0138-0-9-000-00  
IP68 Water Tight  
Connection Device for  
Through Wiring



Ordering Code:  
0246-0-9-000-00  
Gel-Filled IP68 Connector  
Cable Diameter 8 - 10mm



Ordering Code:  
0245-0-9-000-00  
Gel-Filled IP68 Connector  
for Through Wiring Cable  
Diameter 6.5 - 12mm.



Ordering Code:  
0248-0-9-000-00  
IP68 Water Tight  
Connecting Device Cable  
Diameter 7 - 12mm.