RETINA

NEO MAXI RETINA 1

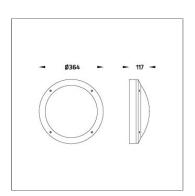
GENERAL WALL LIGHTS



LAST UPDATE: 29-02-2024



RETINA is a round wall/ceiling light with robust aluminium construction and impact resistant polycarbonate diffuser The LED module is available with built—in microwave motion sensor and hi—low light function. RETINA for compact fluorescent lamp and E27 holder for retrofit solution are also available. The high protection rating of IP65 and IK10 allows RETINA to be installed in rough outdoor environments. With a diffused light distribution, it provides smooth and uniform illumination in private and public areas and is also suitable for commercial use. The front cover is available in various designs; moreover, RETINA is available in two sizes with the choice of six different colors.



Technical Data



Ordering Code : 7080-0-3-810-XX

Lamp: LED CCT: 4000 K CRI: CRI >80 SDCM = 5SDCM: Lamp Lumen: 2550 lm Luminaire Lumen : 1070 lm Lamp Wattage: 23 W Luminaire Wattage: 26 W Efficacy: 41 lm/W Ambient Temperature :

Lumen Maintenance L70B10 >36,000 h

Controller: On-Off with Microwave sensor Input Voltage: 220-240Vac 50/60Hz

Net Weight: 2.90 kg.



Icon definition

online@unilamp.co.th www.unilamp.co.th

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Specification

IEC Standard IEC 60598-1 General Requirement

IEC 60598-2-1 Fixed Luminaires

Protection IP65 Class II

IK Rating Protection against mechanical impact IK10 on body and optical part.

Luminaires Body Housing High-pressure Die Cast Aluminium alloy body and components.

Coating Process Nano Ceramic surface conversion, resistant to corrosive environment. Luminiare 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 opal polycarbonate diffuser with UV stabilized additive.

Gasket Weather resistant silicone gasket. Working temperature -40°C to +200°C.

External Screws are in stainless steel with protection grease.

Cable Entry Cable entry protected by weather proof grommet. To be used with HO5RN-F/ HO7RN-F cable with 6-13mm. diameter.

Led High efficiency SMD LED module with built-in constant current LED driver. Replacable module for future upgrade or maintenance.

Equipped with motion detector Microwave Sensor.

Internal Wire Tinned copper conductor with PTFE insulated internal wire. IMQ approved. Working temperature -40°C to +250°C.

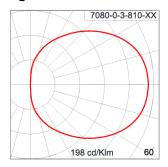
Terminal Block Terminal block in GFR PA6.6 for cable with cross section up to 2.5 sqmm. VDE approved.

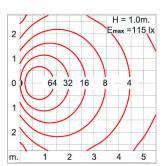
Caution Installation work has to be carried on according to the enclosed installation manual.

Color



Light Distribution





RETINA

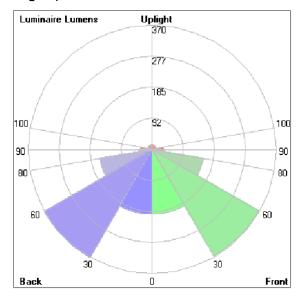
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Bug Report



Lum. Classification System (LCS)				
LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	192.2	7.5	12.3
FM	[30-60]	365.9	14.4	23.5
FH	[60-80]	154.9	6.1	10.0
FVH	[80-90]	37.3	1.5	2.4
BL	[0-30]	192.9	7.6	12.4
ВМ	[30-60]	369.9	14.5	23.8
BH	[60-80]	158.4	6.2	10.2
BVH	[80-90]	38.4	1.5	2.5
UL	[90-100]	34.1	1.3	2.2
UH	[100-180]	12.2	0.5	0.8
Total		1556.2	61.1	100.0
BUG Rating		B1-U2-G1		