AQUILA Coastal Series
Marine Grade Coastal LED Flood Lights

APPLICATION
Marine applications, Buildings, Industrial, Manufacturing, Mining, Warehousing

FEATURES
- LED alternatives for HID lighting up to 400w
- Instant ON/OFF for fast illumination
- Superior UV and weather resistance with non metallic ASA housing
- Respirator valve ensures integrity of IP rating for life of the fitting
- Class 1 LED chip and power supply
- IK09 tempered glass
- 100Lm/W producing up to 75% energy savings
- IP65 Protected against water exposure
- 3 Year Warranty
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LUMINAIRE TECHNICAL DATA
LED Light Source: Japanese Nichia COB
Housing Material: Acrylonitrile Styrene Acrylate (ASA)
Colour Temperature: 3000K and 5000K available
Average LED Life Projection: >50,000 hrs
Beam Angle: 100 degrees (Symmetrical)
Efficacy: 100Lm/W
CRI: >72

THERMAL
Max Junction Temperature: 150C
Cooling: Conduction, Convection
Operating Range Tc: -40°C – 60°C
Operating Humidity: 20% to 95% non-condensing
Thermal Management: Marine Grade Aluminium Heatsink

ELECTRICAL
Power Supply: MOSO Class 1
Protection: Over Voltage, Short Circuit and Over Temperature
Power Factor: 0.96
Total Harmonic Distortion (THD): <15%
Connection Lead: 1.5m UV Resistant Rubber 3 Core Flex
IP Rating: IP65

ORDER CODES

<table>
<thead>
<tr>
<th>Model</th>
<th>Wattage</th>
<th>Light Colour</th>
<th>Lumens</th>
<th>Input Voltage</th>
<th>Weight</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>IQHT-5009-WW</td>
<td>10 watts</td>
<td>Warm White 3000K</td>
<td>1000Lm</td>
<td>AC100-265V</td>
<td>1.5kg</td>
<td>179 x 133 x 57mm</td>
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<tr>
<td>IQHT-5009-CW</td>
<td>10 watts</td>
<td>Cool White 5000K</td>
<td>1000Lm</td>
<td>AC100-265V</td>
<td>1.5kg</td>
<td>179 x 133 x 57mm</td>
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<tr>
<td>IQHT-5019-WW</td>
<td>30 watts</td>
<td>Warm White 3000K</td>
<td>3,000Lm</td>
<td>AC100-265V</td>
<td>1.5kg</td>
<td>215 x 178 x 81mm</td>
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<tr>
<td>IQHT-5019-CW</td>
<td>30 watts</td>
<td>Cool White 5000K</td>
<td>3,000Lm</td>
<td>AC100-265V</td>
<td>1.5kg</td>
<td>215 x 178 x 81mm</td>
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<tr>
<td>IQHT-5029-WW</td>
<td>50 watts</td>
<td>Warm White 3000K</td>
<td>5,000Lm</td>
<td>AC100-265V</td>
<td>2.0kg</td>
<td>250 x 194 x 95mm</td>
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<tr>
<td>IQHT-5029-CW</td>
<td>50 watts</td>
<td>Cool White 5000K</td>
<td>5,000Lm</td>
<td>AC100-265V</td>
<td>2.0kg</td>
<td>250 x 194 x 95mm</td>
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<td>IQHT-5039</td>
<td>70 watts</td>
<td>Cool White 5000K</td>
<td>7,000Lm</td>
<td>AC100-265V</td>
<td>3.0kg</td>
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<td>IQHT-5049</td>
<td>100 watts</td>
<td>Cool White 5000K</td>
<td>10,000Lm</td>
<td>AC100-277V</td>
<td>4.0kg</td>
<td>309 x 250 x 192mm</td>
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<td>Cool White 5000K</td>
<td>15,000Lm</td>
<td>AC100-277V</td>
<td>7.5kg</td>
<td>400 x 340 x 192mm</td>
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<tr>
<td>IQHT-5069</td>
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<td>Cool White 5000K</td>
<td>20,000Lm</td>
<td>AC100-277V</td>
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<td>400 x 340 x 192mm</td>
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</tbody>
</table>

CERTIFICATION
EMC: AS/NZS (RCM)
Electrical Safety: AS/NZS 60598:2.2, AS/NZS 4417 (RCM)

PHOTOMETRIC SCALE
Available on request

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NICHIA
Quality Japanese Nichia Parts

Technical Data sheets available on request. Model appearance may vary.
March 2017 Specifications are subject to change without prior notice.