

I.P. (Ingress Protection) Ratings Guide

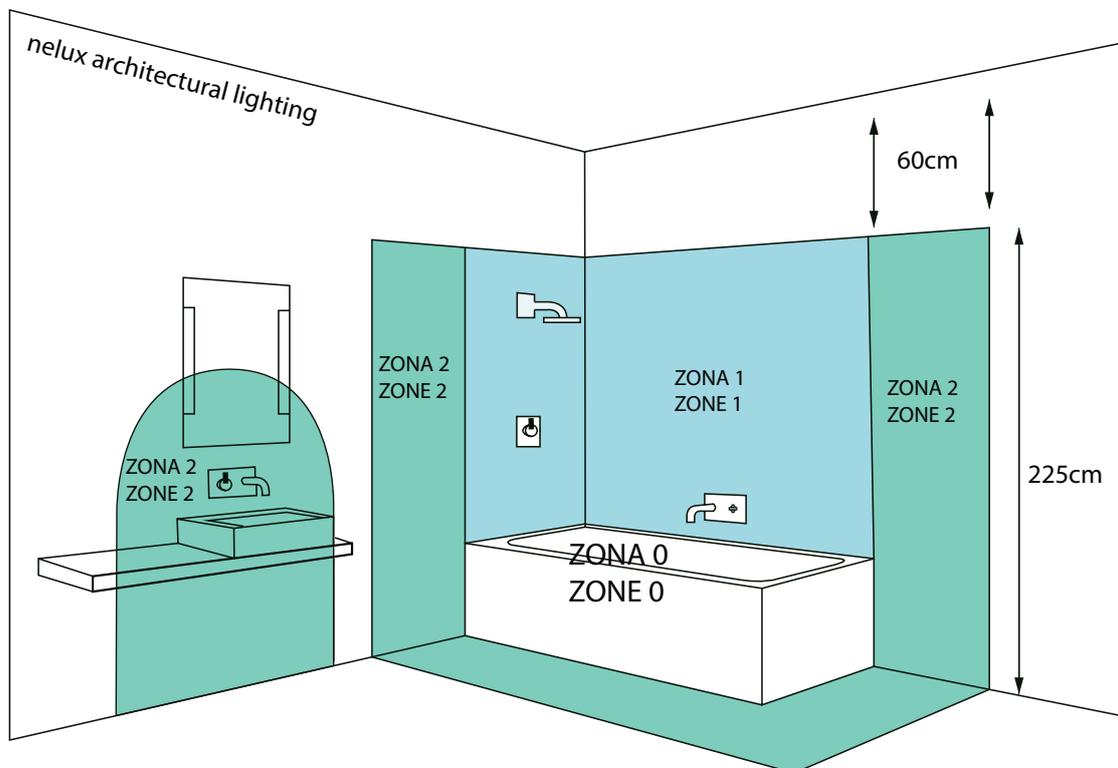
Please note that these are basic regulations regarding bathroom lighting. Other precautions may be required. Your electrician and contractor will have further details. Please before installing consult your country regulations.

Zone 0 - *Inside the bath or shower.* Any fittings used here must be SELV (Separated Extra Low Voltage – max. 12Volts) and have a minimum rating of IPX7 (IP67) (protected against immersion in water – total immersion proof)

Zone 1 - *Above the bath or shower to a height of 2.25m* A minimum rating of IPX4 (IP44) is required. In this zone, if there is likelihood of water jets being used for cleaning purposes, a minimum of IPX5 is required. Also, subject to IP rating, SELV or 240V luminaires may be used in this zone; if the fitting is 240 volts, a 30mA residual current device (RCD) must also be used to protect the circuit in this zone.

Zone 2 - *The area stretching to 0.6m outside the bath or shower and above the bath or shower to 2.25m* An IP rating of at least IPX4 (IP44) is required. In this zone, if there is likelihood of water jets being used for cleaning purposes, a minimum of IPX5 is required. Also, subject to IP rating, SELV or 240V luminaires may be used in this zone. In addition, it is a good practice to also consider the area around a wash basin (within a 60cm radius of any tap) as Zone 2.

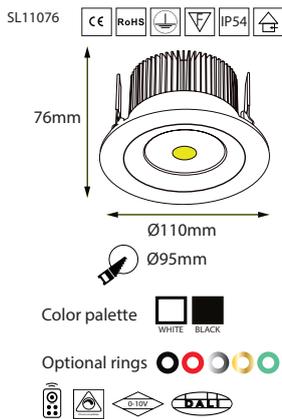
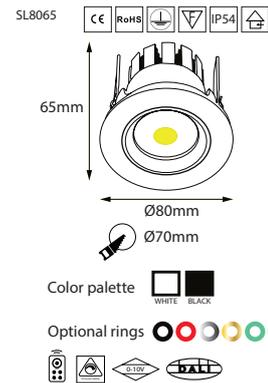
Outside the zones, zone 3 - anywhere outside zones 0, 1 and 2. Where water jets are not to be used for cleaning purposes, the general rules of BS7671 apply. Here, there are no requirement for any lighting to be IP rated against water or solids ingression.





SL8065 IP54 SPOT LIGHT

Input Voltage AC220-240V, Multivoltage
 Light Power 5W, 10W
 Luminous flux ~425lm, ~850lm
 Light Source Epistar cob
 CCT 2700K, 3000K, 4000K
 CRI >80, CRI 90 and CRI 97 as an option
 Beam Angle 24°, 38°, 60°
 Driver, Khun, Xz other options available
 Dimmable 0-10V, Triac, Dali as an option
 Optional Reflector Silver, Gold, Black, White, Green, Blue

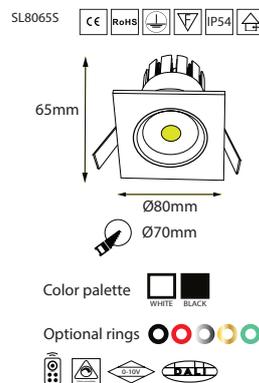


SL11076

Input Voltage AC220-240V, Multivoltage
 Light Power 10W, 15W
 Luminous flux ~850lm, ~1275lm
 Light Source Epistar cob
 CCT 2700K, 3000K, 4000K
 CRI >80, CRI 90 and CRI 97 as an option
 Beam Angle 24°, 38°, 60°
 Driver, Khun, Xz other options available
 Dimmable 0-10V, Triac, Dali as an option
 Optional Reflector Silver, Gold, Black, White, Green, Blue

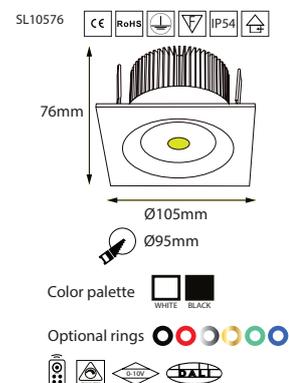
SL8065S

Input Voltage AC220-240V, Multivoltage
 Light Power 5W, 10W
 Luminous flux ~425lm, ~850lm
 Light Source Epistar cob
 CCT 2700K, 3000K, 4000K
 CRI >80, CRI 90 and CRI 97 as an option
 Beam Angle 24°, 38°, 60°
 Driver, Khun, Xz other options available
 Dimmable 0-10V, Triac, Dali as an option
 Optional Reflector Silver, Gold, Black, White, Green, Blue



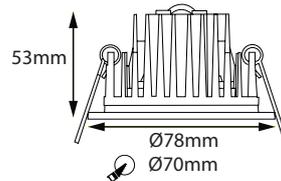
SL10576

Input Voltage AC220-240V, Multivoltage
 Light Power 10W, 15W
 Luminous flux ~850lm, ~1275lm
 Light Source Epistar cob
 CCT 2700K, 3000K, 4000K
 CRI >80, CRI 90 and CRI 97 as an option
 Beam Angle 24°, 38°, 60°
 Driver, Khun, Xz other options available
 Dimmable 0-10V, Triac, Dali as an option
 Optional Reflector Silver, Gold, Black, White, Green, Blue





SL7853    



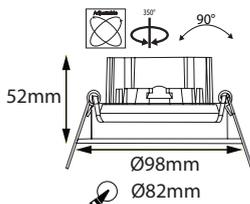
Color palette   
WHITE BLACK SILVER



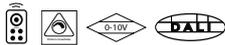
SL7853 IP65 SPOT LIGHT

Input Voltage AC220-240V, Multivoltage
Light Power 8W
Luminous flux ~710lm
Light Source Epistar cob
CCT 2700K, 3000K, 4000K
CRI >80, CRI 90 and CRI 97 as an option
Beam Angle 45°
External Driver, Khun, Xz other options available
Dimmable 0-10V, Triac, Dali as an option
Color Silver, Black, White

SL9852    



Color palette   
WHITE BLACK SILVER



SL9852 IP65 SPOT LIGHT

Input Voltage AC220-240V, Multivoltage
Light Power 8W
Luminous flux ~710lm
Light Source Epistar cob
CCT 2700K, 3000K, 4000K
CRI >80, CRI 90 and CRI 97 as an option
Beam Angle 45°
External Driver, Khun, Xz other options available
Dimmable 0-10V, Triac, Dali as an option
Color Silver, Black, White



IP65 and IP54 led products waterproof are ideal for kitchen, bathroom, terraces, spa, wellness center, beachfront properties.

