

Nirvana™

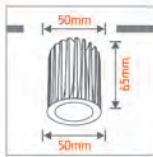
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NIRVANA, a luminaire company commenced in the year 2009. The company has gradually expanded its operations to an integrated lighting solution provider under one roof. Our quest for innovation and obsession for high quality has made us a leading provider of LED luminaries, providing an extensive range of fittings and fixtures at the most effective cost.

Nirvana employs high credited technical staff supported by a team of designers and engineers and is backed by a fully equipped workshop entailing the most advanced technology.

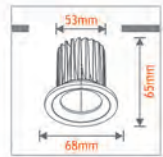
In coming years it has developed for itself an excellent reputation among leading architects and designers.

For us a luminaire is more than a fixture that emits light, it is an epitome of our research and passion for our innovation.



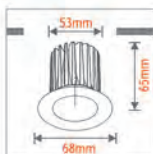
NL 1010 - A (MR 16 Retrofit)

Wattage : 10w
Housing material : Aluminum die casting
Finish: Matt white
Color temp. : 2700°K, 3000°K, 4000°K, 6000°K
Beam Angle : Narrow / Medium / Wide
Diffuser : Clear transparent / Satin frosted
IP Class : IP23
Size : Outer trim - 50mm, Depth - 65mm



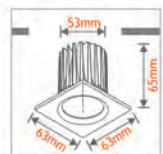
NL 1010 - B

Wattage : 10w
Housing material : Aluminum die casting
Finish: Matt white
Color temp. : 2700°K, 3000°K, 4000°K, 6000°K
Beam Angle : Narrow / Medium / Wide
Diffuser : Clear transparent / Satin frosted
IP Class : IP23
Size : Outer trim - 68mm, Cut out - 53mm, Depth - 65mm



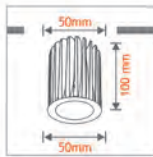
NL 1010 - C

Wattage : 10w
Housing material : Aluminum die casting
Finish: Matt white
Color temp. : 2700°K, 3000°K, 4000°K, 6000°K
Beam Angle : Narrow / Medium / Wide
Diffuser : Clear transparent / Satin frosted
IP Class : IP23
Size : Outer trim - 68mm, Cut out - 53mm, Depth - 65mm



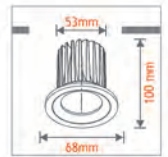
NL 1010 - D

Wattage : 10w
Housing material : Aluminum die casting
Finish: Matt white
Color temp. : 2700°K, 3000°K, 4000°K, 6000°K
Beam Angle : Narrow / Medium / Wide
Diffuser : Clear transparent / Satin frosted
IP Class : IP23
Size : Outer trim - 63x63mm, Cut out - 53mm, Depth - 65mm



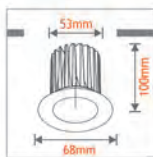
NL 1012 - A (MR 16 Retrofit)

Wattage : 13w
Housing material : Aluminum die casting
Finish: Matt white
Color temp. : 2700°K, 3000°K, 4000°K, 6000°K
Beam Angle : Narrow / Medium / Wide
Diffuser : Clear transparent / Satin frosted
IP Class : IP23
Size : Outer trim - 50mm, Depth - 100mm



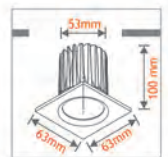
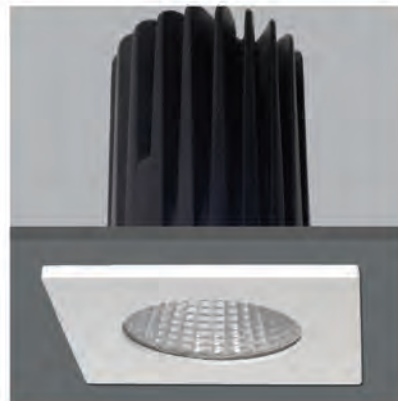
NL 1012 - B

Wattage : 13w
Housing material : Aluminum die casting
Finish: Matt white
Color temp. : 2700°K, 3000°K, 4000°K, 6000°K
Beam Angle : Narrow / Medium / Wide
Diffuser : Clear transparent / Satin frosted
IP Class : IP23
Size : Outer trim - 68mm, Cut out - 53mm, Depth - 100mm



NL 1012 - C

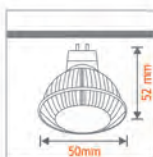
Wattage : 13w
Housing material : Aluminum die casting
Finish: Matt white
Color temp. : 2700°K, 3000°K, 4000°K, 6000°K
Beam Angle : Narrow / Medium / Wide
Diffuser : Clear transparent / Satin frosted
IP Class : IP23
Size : Outer trim - 68mm, Cut out - 53mm, Depth - 100mm



NL 1012 - D

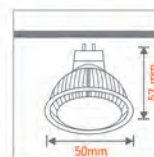
Wattage : 13w
Housing material : Aluminum die casting
Finish: Matt white
Color temp. : 2700°K, 3000°K, 4000°K, 6000°K
Beam Angle : Narrow / Medium / Wide
Diffuser : Clear transparent / Satin frosted
IP Class : IP23
Size : Outer trim - 63x63mm, Cut out - 53mm, Depth - 100mm

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NL 1013 (MR 16 Retrofit)

Wattage : 5w
Housing material : Aluminum die casting
Finish: Black
Color temp. : 2700°K, 3000°K, 4000°K, 6000°K
Beam Angle : Narrow / Wide
Diffuser : Clear transparent
IP Class : IP23
Size : Outer trim - 50mm, Depth - 52mm



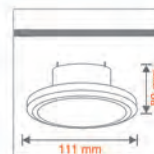
NL 1014 (MR 16 Retrofit)

Wattage : 8w
Housing material : Aluminum
Finish: Silver, White trim
Color temp. : 2700°K, 3000°K, 4000°K, 6000°K
Beam Angle : Narrow / Wide
Lens: Clear transparent
IP Class : IP23
Size : Outer trim - 50mm, Depth - 52mm



NL 1015 (GU 10 Retrofit)

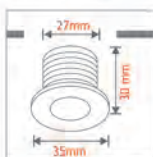
Wattage : 9w
Housing material : Aluminum die casting
Finish: Graphite
Color temp. : 2700°K, 3000°K, 4000°K, 6000°K
Beam Angle : Narrow / Wide
Diffuser : Clear transparent
IP Class : IP23
Size : Outer trim - 50mm, Depth - 80mm



NL 1016 (QR 111 Retrofit)

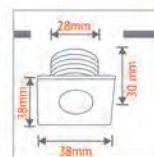
Wattage : 13w
Housing material : Aluminum die casting
Finish: Matt aluminum
Color temp. : 2700°K, 3000°K, 4000°K, 6000°K
Beam Angle : Narrow / Wide
Diffuser : Clear transparent / Satin frosted
IP Class : IP23
Size : Outer trim - 111mm, Depth - 80mm

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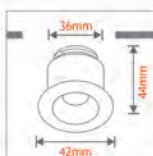
NL 1001/1w NL 1001/2w

Wattage : 1001/1-1w 1001/2-2w
Housing material : Aluminum die casting
Finish: Matt white
Color temp. : 3000°K, 4000°K, 6000°K
Beam Angle : Narrow / Wide
Lens : Clear transparent
IP Class : IP23
Size : Outer trim - 35mm, Cut out - 27mm, Depth - 30mm



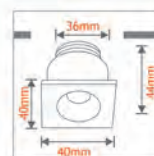
NL 1002/1w NL 1002/2w

Wattage : 1002/1-1w 1002/2-2w
Housing material : Aluminum die casting
Finish: Matt white
Color temp. : 3000°K, 4000°K, 6000°K
Beam Angle : Narrow / Wide
Lens : Clear transparent
IP Class : IP23
Size : Outer trim - 38x38mm, Cut out - 28mm, Depth - 30mm



NL 1003/1w NL 1003/2w NL 1003/3w

Wattage : 1003/1-1w 1003/2-2w 1003/3-3w
Housing material : Aluminum die casting
Finish: Matt white
Color temp. : 3000°K, 4000°K, 6000°K
Beam Angle : Narrow / Wide
Lens : Clear transparent
IP Class : IP23
Size : Outer trim - 42mm, Cut out - 36mm, Depth - 44mm

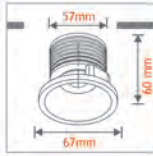


NL 1004/1w NL 1004/2w NL 1004/3w

Wattage : 1004/1-1w 1004/2-2w 1004/3-3w
Housing material : Aluminum die casting
Finish: Matt white
Color temp. : 3000°K, 4000°K, 6000°K
Beam Angle : Narrow / Wide
Lens : Clear transparent
IP Class : IP23
Size : Outer trim - 40x40mm, Cut out - 36mm, Depth - 44mm

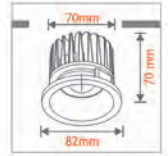
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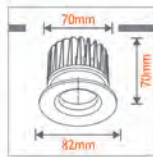
NL 1023/3 NL 1023/5 NL 1023/8

Wattage : 1023/3 - 3w 1023/5 - 5w 1023/8 - 8w
Housing material : Aluminum die casting
Finish: Matt white
Color temp. : 2700°K, 3000°K, 4000°K, 6000°K
Beam Angle : Narrow / Wide
Diffuser : Satin frosted
IP Class : IP44
Size : Outer trim - 67mm, Cut out - 57mm, Depth - 60mm



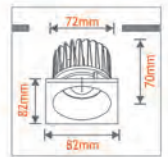
NL 1031/12 NL 1031/14

Wattage : 1031/12 - 12w 1031/14 - 14w
Housing material : Aluminum die casting
Finish: Matt white
Color temp. : 2700°K, 3000°K, 4000°K, 6000°K
Beam Angle : Medium / Wide
Diffuser : Satin frosted
IP Class : IP44
Size : Outer trim - 82mm, Cut out - 70mm, Depth - 70mm



NL 1032/12 NL 1032/14

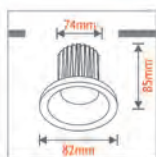
Wattage : 1032/12 - 12w 1032/14 - 14w
Housing material : Aluminum die casting
Finish: Matt white
Color temp. : 2700°K, 3000°K, 4000°K, 6000°K
Beam Angle : Narrow / Wide
Diffuser : Clear transparent / Satin frosted
IP Class : IP44
Size : Outer trim - 82mm, Cut out - 70mm, Depth - 70mm



NL 1041/12 NL 1041/14

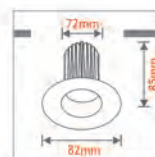
Wattage : 1041/12 - 12w 1041/14 - 14w
Housing material : Aluminum die casting
Finish: Matt white
Color temp. : 2700°K, 3000°K, 4000°K, 6000°K
Beam Angle : Medium / Wide
Diffuser : Satin frosted
IP Class : IP44
Size : Outer trim - 82x82mm, Cut out - 72mm, Depth - 70mm

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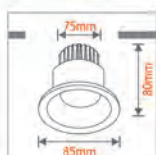
NL 1035/10w NL 1035/12w

Wattage : 1035/10w-10w 1035/12w - 12w
Housing material : Aluminum die casting
Finish: Matt white
Color temp. : 2700°K, 3000°K, 4000°K, 6000°K
Beam Angle : Narrow / Medium / Wide
Diffuser : Clear Transparent / Satin frosted
IP Class : IP44
Size : Outer trim - 82mm, Cut out - 74mm, Depth - 85mm



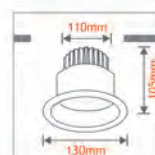
NL 1036/10w NL 1036/12w

Wattage : 1036/10w-10w 1036/12w - 12w
Housing material : Aluminum die casting
Finish: Matt white
Color temp. : 2700°K, 3000°K, 4000°K, 6000°K
Beam Angle : Narrow / Medium / Wide
Diffuser : Clear Transparent / Satin frosted
IP Class : IP44
Size : Outer trim - 82mm, Cut out - 72mm, Depth - 85mm



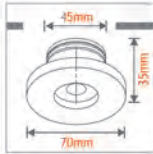
NL 1037/10w NL 1037/12w

Wattage : 1037/10w-10w 1037/12w - 12w
Housing material : Aluminum die casting
Finish: Matt white
Color temp. : 2700°K, 3000°K, 4000°K, 6000°K
Beam Angle : Narrow / Medium / Wide
Diffuser : Clear Transparent / Satin frosted
IP Class : IP44
Size : Outer trim - 85mm, Cut out - 75mm, Depth - 80mm



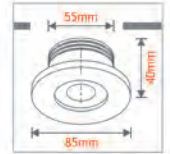
NL 1085/12w NL 1085/20w

Wattage : 1085/12w 1085/20w
Housing material : Aluminum casting
Finish: Matt white
Color temp. : 2700°K, 3000°K, 4000°K, 6000°K
Beam Angle : Extra Wide
Diffuser : Satin frosted
IP Class : IP20
Size : Outer trim - 130mm, Cut out - 110mm, Depth - 105mm



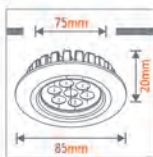
NL 1025/5 NL 1025/8

Wattage : 1025/5 - 5w 1025/8 - 8w
Housing material : Aluminum extruded
Finish: Anodized silver, Matt white
Color temp. : 2700°K, 3000°K, 4000°K, 6000°K
Beam angle : Wide
Lens : Satin frosted
IP Class : IP23
Size : Outer trim - 70mm, Cut out - 45mm, Depth - 35mm



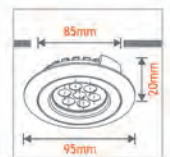
NL 1038

Wattage : 12w
Housing material : Aluminum extruded
Finish: Anodized silver, Matt white
Color temp. : 2700°K, 3000°K, 4000°K, 6000°K
Beam angle : Wide
Lens : Satin frosted
IP Class : IP23
Size : Outer trim - 85mm, Cut out - 55mm, Depth - 40mm



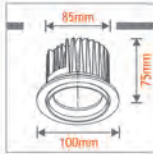
NL 1049

Wattage : 9w
Housing material : Aluminum die casting
Finish: Matt white
Color temp. : 2700°K, 3000°K, 4000°K, 6000°K
Beam Angle : Medium / Wide
Lens : Frosted
IP Class : IP23
Size : Outer trim - 85mm, Cut out - 75mm, Depth - 20mm



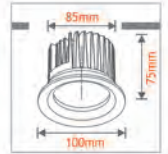
NL 1050

Wattage : 9w
Housing material : Aluminum die casting
Finish: Matt white
Color temp. : 2700°K, 3000°K, 4000°K, 6000°K
Beam Angle : Medium / Wide
Lens : Frosted
IP Class : IP23
Size : Outer trim - 95mm, Cut out - 85mm, Depth - 20mm



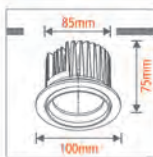
NL 1051/15 NL 1051/20

Wattage: 1051/15 - 15w 1051/20 - 20w
Housing material: Aluminum die casting
Finish: Matt white
Color temp.: 3000°K, 4000°K, 6000°K
Beam angle: Extra Wide
Diffuser: Satin frosted
IP Class: IP44
Size: Outer trim - 100mm, Cut out - 85mm, Depth - 75mm



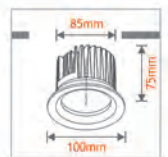
NL 1052/15 NL 1052/20

Wattage: 1052/15 - 15w 1052/20 - 20w
Housing material: Aluminum die casting
Finish: Matt white
Color temp.: 3000°K, 4000°K, 6000°K
Beam angle: Extra Wide
Diffuser: Satin frosted
IP Class: IP44
Size: Outer trim - 100mm, Cut out - 85mm, Depth - 75mm



NL 1053/15 NL 1053/20

Wattage: 1053/15 - 15w 1053/20 - 20w
Housing material: Aluminum die casting
Finish: Matt white
Color temp.: 2700°K, 3000°K, 4000°K, 6000°K
Beam angle: Narrow / Medium / Wide
Diffuser: Clear transparent / Satin frosted
IP Class: IP44
Size: Outer trim - 100mm, Cut out - 85mm, Depth - 75mm

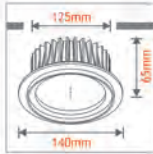


NL 1054/15 NL 1054/20

Wattage: 1054/15 - 15w 1054/20 - 20w
Housing material: Aluminum die casting
Finish: Matt white
Color temp.: 2700°K, 3000°K, 4000°K, 6000°K
Beam angle: Narrow / Medium / Wide
Diffuser: Clear transparent / Satin frosted
IP Class: IP44
Size: Outer trim - 100mm, Cut out - 85mm, Depth - 75mm

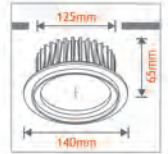
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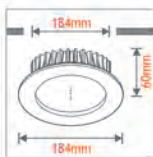
NL 1061/15 NL 1061/20

Wattage: 1061/15 - 15w 1061/20 - 20w
Housing material: Aluminum die casting
Finish: Matt white
Color temp.: 2700°K, 3000°K, 4000°K, 6000°K
Beam angle: Medium / Wide
Diffuser: Clear transparent / Satin frosted
IP Class: IP44
Size: Outer trim - 145mm, Cut out - 125mm, Depth - 65mm



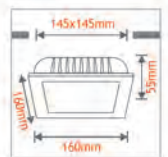
NL 1062 NL 1062/20

Wattage: 1062/15 - 15w 1062/20 - 20w
Housing material: Aluminum die casting
Finish: Matt white
Color temp.: 3000°K, 4000°K, 6000°K
Beam angle: Extra Wide
Diffuser: Satin frosted
IP Class: IP44
Size: Outer trim - 145mm, Cut out - 125mm, Depth - 65mm



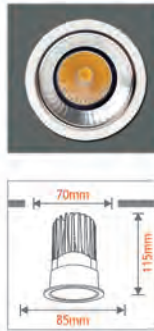
NL 1156

Wattage: 18w
Housing material: Aluminum die casting
Finish: Matt white
Color temp.: 3000°K, 4000°K, 6000°K
Beam angle: Extra Wide
Diffuser: Satin frosted
IP Class: IP23
Size: Outer trim - 184mm, Cut out - 165mm, Depth - 60mm



NL 1157

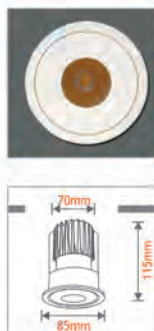
Wattage: 18w
Housing material: Aluminum die casting
Finish: Matt white
Color temp.: 3000°K, 4000°K, 6000°K
Beam angle: Extra Wide
Diffuser: Satin frosted
IP Class: IP23
Size: Outer trim - 160x160mm, Cut out - 145x145mm, Depth - 55mm



Wattage: 1071/12 - 12w 1071/14 - 14w
Housing material: Aluminum die casting
Finish: Broken white
Color temp.: 2700°K, 3000°K, 4000°K, 6000°K
Beam angle: Narrow / Medium
Diffuser: Clear transparent / Satin Frosted
IP Class: IP23
Size: Outer trim - 85mm, Cut out - 70mm, Depth - 115mm



Wattage: 1072/12 - 12w 1072/14 - 14w
Housing material: Aluminum die casting
Finish: Broken white
Color temp.: 2700°K, 3000°K, 4000°K, 6000°K
Beam angle: Narrow / Medium
Diffuser: Clear transparent / Satin Frosted
IP Class: IP23
Size: Outer trim - 85mm, Cut out - 70mm, Depth - 115mm

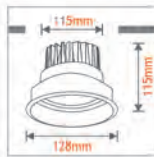


Wattage: 1073/12 - 12w 1073/14 - 14w
Housing material: Aluminum die casting
Finish: Broken white
Color temp.: 2700°K, 3000°K, 4000°K, 6000°K
Beam angle: Narrow / Medium
Diffuser: Clear transparent / Satin Frosted
IP Class: IP23
Size: Outer trim - 85mm, Cut out - 70mm, Depth - 115mm



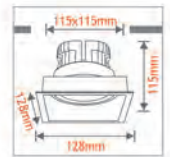
Wattage: 1074/12 - 12w 1074/14 - 14w
Housing material: Aluminum die casting
Finish: Broken white
Color temp.: 2700°K, 3000°K, 4000°K, 6000°K
Beam angle: Narrow / Medium
Diffuser: Clear transparent / Satin Frosted
IP Class: IP23
Size: Outer trim - 85mm, Cut out - 70mm, Depth - 115mm

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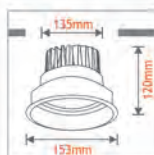
NL 1081/12 NL 1081/20

Wattage: 1081/12 - 12w 1081/20 - 20w
Housing material: Aluminum die casting
Finish: Broken white
Color temp.: 3000°K, 4000°K, 6000°K
Beam angle: Extra Wide
Diffuser: Milky frost
IP Class: IP23
Size: Outer trim - 128mm, Cut out - 115mm, Depth - 115mm



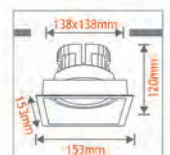
NL 1082/12 NL 1082/20

Wattage: 1082/12 - 12w 1082/20 - 20w
Housing material: Aluminum die casting
Finish: Broken white
Color temp.: 3000°K, 4000°K, 6000°K
Beam angle: Extra Wide
Diffuser: Milky frost
IP Class: IP23
Size: Outer trim - 128x128mm, Cut out - 115x115mm, Depth - 115mm



NL 1083/18 NL1083/30

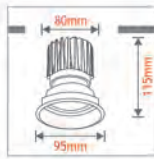
Wattage: 1083/18 - 18w 1083/30 - 30w
Housing material: Aluminum die casting
Finish: Broken white
Color temp.: 3000°K, 4000°K, 6000°K
Beam angle: Extra Wide
Diffuser: Milky frost
IP Class: IP23
Size: Outer trim - 153mm, Cut out - 135mm, Depth - 120mm



NL 1084/18 NL 1084/30

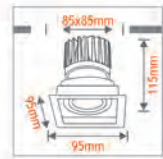
Wattage: 1084/18 - 18w 1084/30 - 30w
Housing material: Aluminum die casting
Finish: Broken white
Color temp.: 3000°K, 4000°K, 6000°K
Beam angle: Extra Wide
Diffuser: Milky frost
IP Class: IP23
Size: Outer trim - 153x153mm, Cut out - 138x138mm, Depth - 120mm

INDOOR | Recessed Down Lights



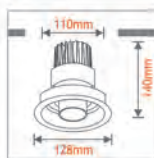
NL 1075/12 NL 1075/14

Wattage: 1075/12 - 12w 1075/14 - 14w
Housing material: Aluminum die casting
Finish: Broken white
Color temp.: 2700°K, 3000°K, 4000°K, 6000°K
Beam angle: Narrow / Medium
Diffuser: Clear transparent / Satin frosted
IP Class: IP23
Size: Outer trim - 95mm, Cut out - 80mm, Depth - 115mm



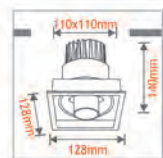
NL 1076/12 NL 1076/14

Wattage: 1076/12 - 12w 1076/14 - 14w
Housing material: Aluminum die casting
Finish: Broken white
Color temp.: 2700°K, 3000°K, 4000°K, 6000°K
Beam angle: Narrow / Medium
Diffuser: Clear transparent / Satin frosted
IP Class: IP23
Size: Outer trim - 95x95mm, Cut out - 85x85mm, Depth - 115mm



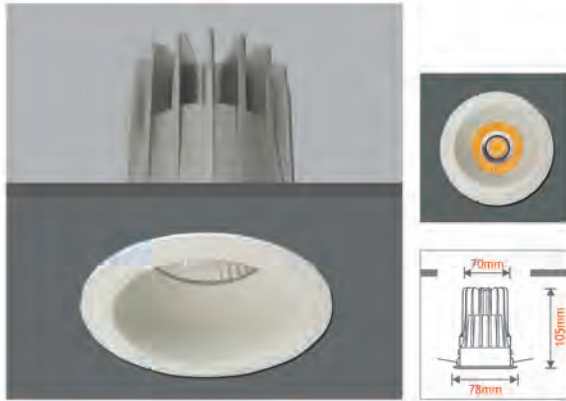
NL 1077/12 NL 1077/14

Wattage: 1077/12 - 12w 1077/14 - 14w
Housing material: Aluminum die casting
Finish: Broken white
Color temp.: 2700°K, 3000°K, 4000°K, 6000°K
Beam angle: Narrow / Medium
Diffuser: Clear transparent / Satin Frosted
IP Class: IP23
Size: Outer trim - 128mm, Cut out - 110mm, Depth - 140mm



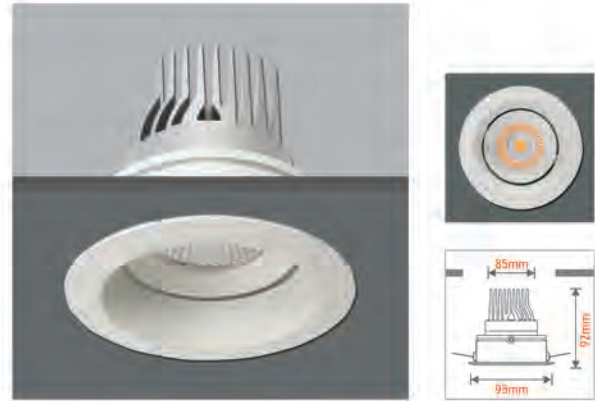
NL 1078/12 NL 1078/14

Wattage: 1078/12 - 12w 1078/14 - 14w
Housing material: Aluminum die casting
Finish: Broken white
Color temp.: 2700°K, 3000°K, 4000°K, 6000°K
Beam angle: Narrow / Medium
Diffuser: Clear transparent / Satin Frosted
IP Class: IP23
Size: Outer trim - 128x128mm, Cut out - 110x110mm, Depth - 140mm



NL 1201/12 NL 1201/14

Wattage: 1201/12 - 12w 1201/14 - 14w
Housing material: Aluminum die casting
Finish: Broken white
Color temp.: 2700°K, 3000°K, 4000°K, 6000°K
Beam angle: Narrow / Medium
Diffuser: Clear transparent / Satin frosted
IP Class: IP23
Size: Outer trim - 78mm, Cut out - 70mm, Depth - 105mm



NL 1202/12 NL 1202/14

Wattage: 1202/12 - 12w 1202/14 - 14w
Housing material: Aluminum die casting
Finish: Broken white
Color temp.: 2700°K, 3000°K, 4000°K, 6000°K
Beam angle: Narrow / Medium
Diffuser: Clear transparent / Satin frosted
IP Class: IP20
Size: Outer trim - 95mm, Cut out - 85mm, Depth - 92mm



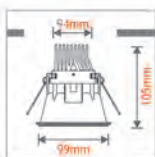
NL 1203/12 NL 1203/14

Wattage: 1203/12 - 12w 1203/14 - 14w
Housing material: Aluminum die casting
Finish: Broken white
Color temp.: 2700°K, 3000°K, 4000°K, 6000°K
Beam angle: Narrow / Medium
Diffuser: Clear transparent
IP Class: IP20
Size: Outer trim - 95mm, Cut out - 80mm, Depth - 107mm

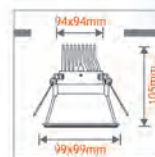


NL 1204/12 NL 1204/14

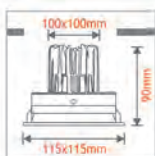
Wattage: 1204/12 - 12w 1204/14 - 14w
Housing material: Aluminum die casting
Finish: Broken white
Color temp.: 2700°K, 3000°K, 4000°K, 6000°K
Beam angle: Narrow / Medium
Diffuser: Clear transparent
IP Class: IP20
Size: Outer trim - 95mm, Cut out - 80mm, Depth - 85mm



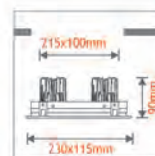
Wattage: 1205/12 - 12w 1205/14 - 14w
Housing material: Aluminum die casting
Finish: Broken white
Color temp.: 2700°K, 3000°K, 4000°K, 6000°K
Beam angle: Narrow / Medium
Diffuser: Clear transparent / Satin frosted
IP Class: IP20
Size: Outer trim - 99mm, Cut out - 94mm, Depth - 105mm



Wattage: 1206/12 - 12w 1206/14 - 12w
Housing material: Aluminum die casting
Finish: Broken white
Color temp.: 2700°K, 3000°K, 4000°K, 6000°K
Beam angle: Narrow / Medium
Diffuser: Clear transparent / Satin frosted
IP Class: IP20
Size: Outer trim - 99x99mm, Cut out - 94x94mm, Depth - 105mm

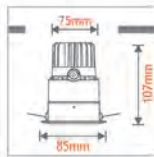


Wattage: 1207/12 - 12w 1207/14 - 14w
Housing material: Aluminum die casting
Finish: Broken white
Color temp.: 2700°K, 3000°K, 4000°K, 6000°K
Beam angle: Narrow / Medium
Diffuser: Clear transparent / Satin frosted
IP Class: IP20
Size: Outer trim - 115x115mm, Cut out - 100x100mm, Depth - 90mm



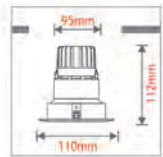
Wattage: 1208/24 - 24w 1208/28 - 28w
Housing material: Aluminum die casting
Finish: Broken white
Color temp.: 2700°K, 3000°K, 4000°K, 6000°K
Beam angle: Narrow / Medium
Diffuser: Satin frosted
IP Class: IP20
Size: Outer trim - 230x115mm, Cut out - 215x100mm, Depth - 90mm

INDOOR | Outdoor Lights



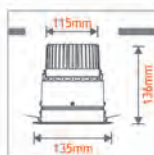
NL 1209/12w NL 1209/14w

Wattage: 1209/12 - 12w 1209/14 - 14w
 Housing material: Aluminum die casting
 Finish: Broken white
 Color temp.: 2700°K, 3000°K, 4000°K, 6000°K
 Beam angle: Extra Wide
 Diffuser: Satin frosted
 IP Class: IP23
 Size: Outer trim - 85mm, Cut out - 75mm, Depth - 107mm



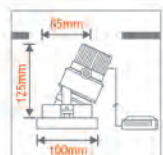
NL 1210/12w NL 1210/14w

Wattage: 1210/12 - 12w 1210/14 - 14w
 Housing material: Aluminum die casting
 Finish: Broken white
 Color temp.: 3000°K, 4000°K, 6000°K
 Beam angle: Extra Wide
 Diffuser: Satin frosted
 IP Class: IP23
 Size: Outer trim - 110mm, Cut out - 95mm, Depth - 112mm



NL 1211/25w

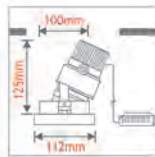
Wattage: 1211/25 - 25w
 Housing material: Aluminum die casting
 Finish: Broken white
 Color temp.: 3000°K, 4000°K, 6000°K
 Beam angle: Extra Wide
 Diffuser: Satin frosted
 IP Class: IP23
 Size: Outer trim - 135mm, Cut out - 115mm, Depth - 136mm



NL 1212/12w 1212/14w

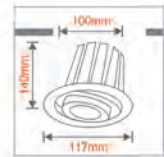
Wattage: 1212/12 - 12w 1212/14 - 14w
 Housing material: Aluminum die casting
 Finish: Broken white
 Color temp.: 2700°K, 3000°K, 4000°K, 6000°K
 Beam angle: Extra Wide
 Diffuser: Satin frosted
 IP Class: IP23
 Size: Outer trim - 100mm, Cut out - 85mm, Depth - 125mm

INDOOR | Recessed Down Lights



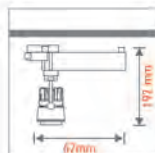
NL 1213/12w 1213/15w 1213/18w

Wattage: 1213/12 - 12w 1213/15 - 15w 1213/18 - 18w
 Housing material: Aluminum die casting
 Finish: Broken white
 Color temp.: 2700°K, 3000°K, 4000°K, 6000°K
 Beam angle: Wide
 Diffuser: Clear
 IP Class: IP23
 Size: Outer trim - 112mm, Cut out - 100mm, Depth - 125mm



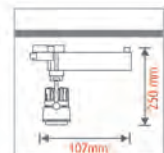
NL 1214/12w 1214/15w 1214/18w

Wattage: 1214/12 - 12w 1214/15 - 15w 1214/18 - 18w
 Housing material: Aluminum die casting
 Finish: Broken white
 Color temp.: 2700°K, 3000°K, 4000°K, 6000°K
 Beam angle: Narrow / Medium
 Diffuser: Clear transparent
 IP Class: IP20
 Size: Outer trim - 117mm, Cut out - 100mm, Depth - 140



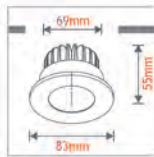
NL 1215/14

Wattage: 1215/14 - 14w
 Housing material: Aluminum die casting
 Finish: Broken white
 Color temp.: 2700°K, 3000°K, 4000°K, 6000°K
 Beam angle: Medium / Wide
 Diffuser: Clear transparent
 IP Class: IP20
 Size: Light emitting head - 67mm, Height - 192mm



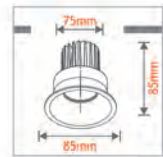
NL 1216/28

Wattage: 1216/28 - 28w
 Housing material: Aluminum die casting
 Finish: Broken white
 Color temp.: 3000°K, 4000°K, 6000°K
 Beam angle: Medium / Wide
 Diffuser: Clear transparent
 IP Class: IP20
 Size: Light emitting head - 107mm, Height - 250mm



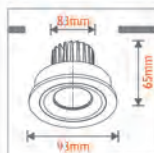
NL 1121

Wattage: 10w
Housing material: Aluminum die casting
Finish: Matt white
Color temp.: 2700°K, 3000°K, 4000°K, 6000°K
Beam angle: Wide
Diffuser: Clear transparent / Satin frosted
IP Class: IP20
Size: Outer trim - 83mm, Cut out - 69mm, Depth - 55mm



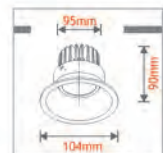
NL 1122

Wattage: 10w
Housing material: Aluminum die casting
Finish: Matt white
Color temp.: 2700°K, 3000°K, 4000°K, 6000°K
Beam angle: Narrow / Medium / Wide
Diffuser: Clear transparent / Satin frosted
IP Class: IP20
Size: Outer trim - 85mm, Cut out - 75mm, Depth - 85mm



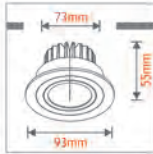
NL 1123

Wattage: 10w
Housing material: Aluminum die casting
Finish: Matt white
Color temp.: 2700°K, 3000°K, 4000°K, 6000°K
Beam angle: Narrow / Medium / Wide
Diffuser: Clear transparent / Satin frosted
IP Class: IP20
Size: Outer trim - 93mm, Cut out - 83mm, Depth - 65mm



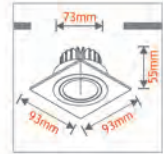
NL 1124

Wattage: 10w
Housing material: Aluminum die casting
Finish: Matt white
Color temp.: 2700°K, 3000°K, 4000°K, 6000°K
Beam angle: Wide
Diffuser: Clear transparent / Satin frosted
IP Class: IP20
Size: Outer trim - 104mm, Cut out - 95mm, Depth - 90mm



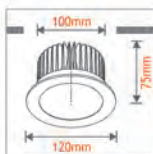
NL 1125

Wattage: 10w
Housing material: Aluminum die casting
Finish: Matt white
Color temp.: 2700°K, 3000°K, 4000°K, 6000°K
Beam angle: Wide
Diffuser: Clear transparent / Satin frosted
IP Class: IP20
Size: Outer trim - 93mm, Cut out - 73mm, Depth - 55mm



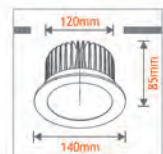
NL 1126

Wattage: 10w
Housing material: Aluminum die casting
Finish: Matt white
Color temp.: 2700°K, 3000°K, 4000°K, 6000°K
Beam angle: Wide
Diffuser: Clear transparent / Satin frosted
IP Class: IP20
Size: Outer trim - 93x93mm, Cut out - 73mm, Depth - 55mm



NL 1127

Wattage: 15w
Housing material: Aluminum die casting
Finish: Matt white
Color temp.: 2700°K, 3000°K, 4000°K, 6000°K
Beam angle: Wide
Diffuser: Clear transparent / Satin frosted
IP Class: IP20
Size: Outer trim - 120mm, Cut out - 100mm, Depth - 75mm



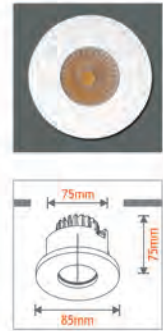
NL 1128/15 NL 1128/20

Wattage: 1128/15 - 15w 1128/20 - 20w
Housing material: Aluminum die casting
Finish: Matt white
Color temp.: 2700°K, 3000°K, 4000°K, 6000°K
Beam angle: Wide
Diffuser: Clear transparent / Satin frosted
IP Class: IP20
Size: Outer trim - 140mm, Cut out - 120mm, Depth - 85mm



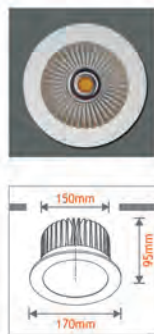
NL 1129 - Surface mounted

Wattage: 10w
Housing material: Aluminum die casting
Finish: Matt white
Color temp.: 2700°K, 3000°K, 4000°K, 6000°K
Beam angle: Medium
Diffuser: Clear transparent / Satin frosted
IP Class: IP20. Led driver inbuilt
Size: Outer trim - 78mm, Height - 90mm



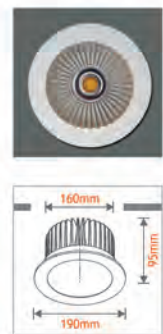
NL 1130 - Ceiling Recessed Steamproof

Wattage: 10w
Housing material: Aluminum die casting
Finish: Matt white
Color temp.: 2700°K, 3000°K, 4000°K, 6000°K
Beam angle: Narrow / Medium / Wide
Diffuser: Clear transparent / Satin frosted
IP Class: IP65
Size: Outer trim - 85mm, Cut out - 75mm, Depth - 75mm



NL 1131

Wattage: 25w
Housing material: Aluminum die cast
Finish: White
Color temp.: 3000°K, 4000°K, 6000°K
Beam angle: Wide
Diffuser: Clear / Satin frosted
IP Class: IP23
Size: Outer trim - 170mm, Cut out - 150mm, Depth - 95mm



NL 1132

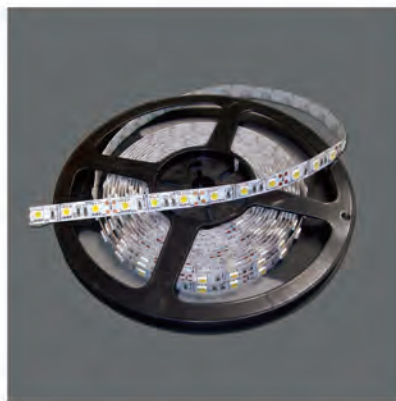
Wattage: 30w
Housing material: Aluminum die cast
Finish: White
Color temp.: 3000°K, 4000°K, 6000°K
Beam angle: Wide
Diffuser: Clear / Satin
IP Class: IP23
Size: Outer trim - 190mm, Cut out - 160mm, Depth - 95mm

INDOOR | Recessed Down Lights



NL 5010 - LED STRIP - 3528 SMD 60 pcs / m

Wattage: 4w
Housing material: Flexible PCB
Finish: White PCB
Color temp.: 2700°K, 3000°K, 4000°K, 6000°K
Beam angle: 120°
Diffuser: No
IP Class: IP20
Size: 5 mtr roll



NL 5010 - LED STRIP - 5050 SMD 60 pcs / m

Wattage: 15w
Housing material: Flexible PCB
Finish: White PCB
Color temp.: 2700°K, 3000°K, 4000°K, 6000°K
Beam angle: 120°
Diffuser: No
IP Class: IP20
Size: 5 mtr roll



NL 5025 - LED LIGHTBAR

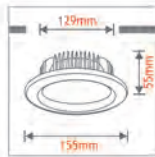
Wattage: 9w
Housing material: Anodized aluminum alloy
Finish: Silver
Color temp.: 3000°K, 4000°K
Beam angle: -
Diffuser: Satin frosted
IP Class: IP20
Size: LxBxH - 525x30x12.3mm



NL 5011 - RIGID BAR - 5050 SMD 60 pcs / m

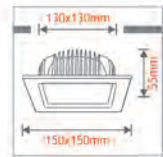
Wattage: 14w / mtr
Housing material: Anodized aluminum alloy
Finish: - Anodised Silver
Color temp.: 2700°K, 3000°K, 4000°K, 6000°K
Beam angle: -
Diffuser: Clear Transparent / Satin frosted
IP Class: IP20
Size: LxBxH - 1000x15.2x6mm

INDOOR | Recessed Down Lights



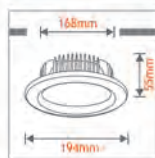
NL 1091/15w NL 1091/18w

Wattage: 1091/15w - 15w 1091/18w - 18w
Housing material: Aluminum die casting
Finish: Matt white
Color temp. : 3000°K, 4000°K, 6000°K
Beam angle : Wide
Diffuser : Satin frosted
IP Class : IP23
Size : Outer trim - 155mm, Cut out - 129mm, Depth - 55mm



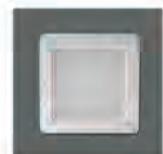
NL 1092/15w NL 1092/18w

Wattage: 1092/15w - 15w 1092/18w - 18w
Housing material: Aluminum die casting
Finish: Matt white
Color temp. : 3000°K, 4000°K, 6000°K
Beam angle : Wide
Diffuser : Satin frosted
IP Class : IP23
Size : Outer trim - 150x150mm, Cut out - 130x130mm, Depth - 55mm



NL 1093/18w 1093/21w

Wattage: 1093/15w - 18w 1091/21w - 21w
Housing material: Aluminum die casting
Finish: Matt white
Color temp. : 3000°K, 4000°K, 6000°K
Beam angle : Wide
Diffuser : Satin frosted
IP Class : IP23
Size : Outer trim - 194mm, Cut out - 168mm, Depth - 55mm



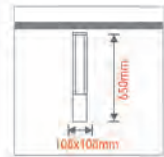
NL 1094/18w 1094/21w

Wattage: 1094/15w - 18w 1094/21w - 21w
Housing material: Aluminum die casting
Finish: Matt white
Color temp. : 3000°K, 4000°K, 6000°K
Beam angle : Wide
Diffuser : Satin frosted
IP Class : IP23
Size : Outer trim - 170x170mm, Cut out - 150x150mm, Depth - 55mm



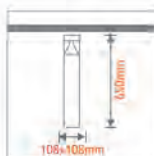
NL 4001

Wattage: 5w
Housing material: Aluminum die casting
Finish: Rust Brown / Graphite Black / Silvery Gray
Color temp.: 3000°K, 4000°K, 6000°K
Beam angle: -
Diffuser: -
IP Class: IP65
Size: Outer trim - 90mm, Height - 650mm



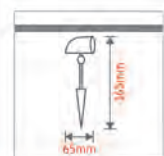
NL 4002

Wattage: 5w
Housing material: Aluminum die casting
Finish: Rust Brown / Graphite Black / Silvery Gray
Color temp.: 3000°K, 4000°K, 6000°K
Beam angle: -
Diffuser: -
IP Class: IP65
Size: Outer trim - 108x108mm, Height - 650mm



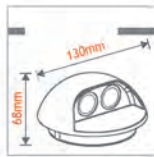
NL 4003

Wattage: 4x3w
Housing material: Aluminum die casting
Finish: Rust Brown / Graphite Black / Silvery Gray
Color temp.: 3000°K, 4000°K, 6000°K
Beam angle: -
Diffuser: Clear transparent
IP Class: IP65
Size: Outer trim - 108x108mm, Height - 650mm



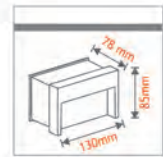
NL 4025

Wattage: 5w
Housing material: Aluminum die casting
Finish: Graphite Black
Color temp.: 3000°K
Beam angle: Medium
Diffuser: Clear transparent
IP Class: IP65
Size: Outer trim - 65mm, Height - 365mm



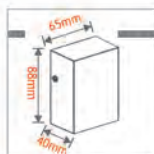
NL 4006

Wattage: 2x3w
Housing material: Aluminum die casting
Finish: Silvery Gray
Color temp.: 3000°K
Beam angle: -
Diffuser: -
IP Class: IP54
Size: Outer trim - 130mm, Breadth - 68mm



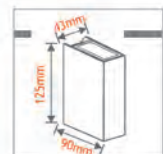
NL 4024

Wattage: 1x3w
Housing material: Aluminum die casting
Finish: Graphite Black
Color temp.: 3000°K
Beam angle: -
Diffuser: -
IP Class: IP65
Size: LxB - 130x85mm, Depth - 78mm



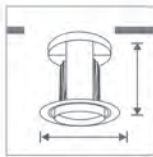
NL 4005

Wattage: 1x3w
Housing material: Aluminum die casting
Finish: Silvery Gray
Color temp.: 3000°K
Beam angle: Wide
Diffuser: -
IP Class: IP54
Size: LxBxH - 65x40x88mm



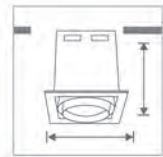
NL 4013

Wattage: 2x3w
Housing material: Aluminum die casting
Finish: Silvery Gray
Color temp.: 3000°K
Beam angle: -
Diffuser: -
IP Class: IP54
Size: LxBxH - 90x43x125mm



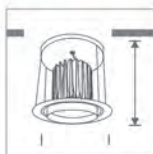
NL 1301

Wattage : -
Housing material : -
Finish: -
Color temp. : -
Beam Angle : -
Diffuser : -
IP Class : -
Size : -



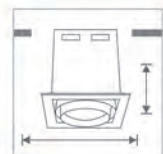
NL 1308

Wattage : -
Housing material : -
Finish: -
Color temp. : -
Beam Angle : -
Lens: -
IP Class : -
Size : -



NL 1302

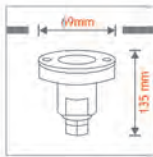
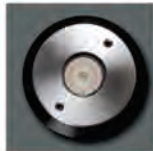
Wattage : -
Housing material : -
Finish: Graphite
Color temp. : -
Beam Angle : -
Diffuser : -
IP Class : -
Size : -



NL 1311

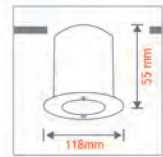
Wattage : -
Housing material : -
Finish: -
Color temp. : -
Beam Angle : -
Diffuser : -
IP Class : -
Size : -

UNDERWATER | Swimming Pool and Water Body



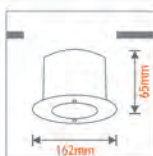
NL 4601

Wattage: 3w
Housing material: SS 316
Finish: Matt silver
Color temp.: 3000°K, 4000°K, RGB
Beam angle: Wide
Diffuser: Clear transparent
IP Class: IP68
Size: Outer trim - 69mm, Depth - 135mm



NL 4602

Wattage: 6w
Housing material: SS 316
Finish: Matt silver
Color temp.: 3000°K, 4000°K, RGB
Beam angle: Wide
Diffuser: Clear transparent
IP Class: IP68
Size: Outer trim - 118mm, Depth - 55mm



NL 4603

Wattage: 18w
Housing material: SS 316
Finish: Matt silver
Color temp.: 3000°K, 4000°K, RGB
Beam angle: Wide
Diffuser: Clear transparent
IP Class: IP68
Size: Outer trim - 162mm, Depth - 65mm



NL 4604

Wattage: 24w
Housing material: SS 316
Finish: Matt silver
Color temp.: 3000°K, 4000°K, RGB
Beam angle: Wide
Diffuser: Clear transparent
IP Class: IP68
Size: Outer trim - 185mm, Depth - 65mm



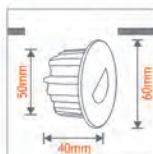
NL 4501

Wattage: 2w
Housing material: SS top, Aluminum die casting body
Finish: Matt silver
Color temp.: 3000°K, 4000°K
Beam angle: Wide
Diffuser: Milky white
IP Class: IP67
Size: Diameter - 55mm, Depth - 98mm



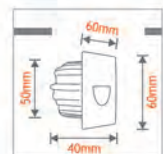
NL 4503

Wattage: 5w
Housing material: SS top, Aluminum die casting body
Finish: Matt silver
Color temp.: 3000°K, 4000°K
Beam angle: Wide
Diffuser: Milky white
IP Class: IP67
Size: Diameter - 170mm, Depth - 115mm



NL 4201

Wattage: 5w
Housing material: Aluminum die casting
Finish: Matt white
Color temp.: 3000°K, 4000°K
Beam angle: Wide
Diffuser: Clear transparent
IP Class: IP20
Size: Outer trim - 60mm, Cut out - 50mm, Depth - 40mm



NL 4202

Wattage: 5w
Housing material: Aluminum die casting
Finish: Matt white
Color temp.: 3000°K, 4000°K
Beam angle: Wide
Diffuser: Clear transparent
IP Class: IP20
Size: Outer trim - 60x60mm, Cut out - 50mm, Depth - 40mm

GLOSSARY

1. Lumen (lm)

Lumen is the international (SI) unit of luminous flux, a measure of overall light emitted by a light source.

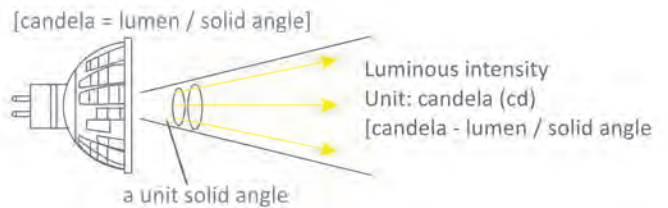


2. Candela (cd)

Candela is the international (SI) unit of luminous intensity, a measure of light emitted by a light source in a particular direction.

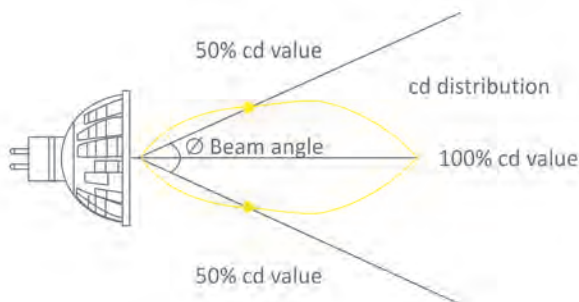
Any given light source will have different luminous intensities in different directions considered.

[Candela = lumen/solid angle]



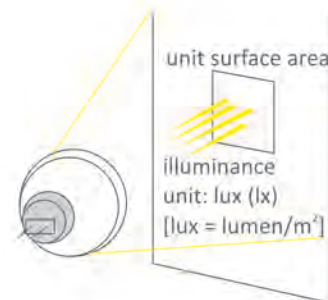
3. Beam Angle [Unit: degree]

Beam angle is the angle between two directions for which the luminous intensity is 50% of the maximum intensity as measured in a plan through the nominal beam centerline. Beam angle of a bulb gives an idea of how the light beam spreads away from the beam center.



4. LUX (lx)

Lux is the international (SI) unit of illuminance, a measure of light arriving at a surface, 1 lumen per square foot equals 1 foot-candle, while 1 lumen per square meter equals 1 lux. [lux = lumen/m²]



5. Color Temperature / Correlated Color Temperature (CCT)

A black-body radiator will have a different color when it is heated up to different temperatures (in Kelvin). The Temperature at which the heated black-body radiator matches the color of the light source is the color temperature of the light source.



6. Dimmability

Not all lighting products are designed for dimming function. Dimming a non-dimmable LED lighting product will cause an unpredictable result and may affect the lifetime of the products. The below figure shows the typical input current variation while adjusting the DC voltage input to dimmable and non-dimmable product.

7. Color Rendering Index (CRI)

Color rendering index ranges from 0-100, measures a light source's ability to reproduce the color of various objects being lit by a reference light source, black body radiator (CRI=100)

8. Design Life Time

Design lifetime is the average life of a lighting product when it is operated at nominal lamp voltage, current and controlled working environment. Actual lamp life varies because of any difference from those rating condition.

9. Diffuser

Object possessing irregularities on the surface causing a scattered reflection.

10. Driver

Electronics used to power the illumination sources.

11. Illuminance

Measurement of the intensity of light falling on a surface area.

12. Junction Temperature (Tj)

Temperature of the LED's active region.

13. Light Emitting Diode (LED)

A solid-state semiconductor device converting electrical energy directly into light.

14. Efficacy (lm/W)

Efficacy is the efficiency of a light source to convert electricity energy to light energy which is expressed in lumen output per unit power input (watt)
 [Efficacy = lumen / wattage]

15. Floodlighting

A system designed for lighting a scene or object to a luminance greater than its surroundings. It may be for utility, advertising or decorative purposes.

16. Digital Addressable Lighting Interface (DALI)

Digital Communications Protocol for controlling and dimming lighting fixtures. This was originally developed in Europe.

17. Dimmability

Not all lighting products are designed for dimming function. Dimming a non-dimmable LED lighting product will cause an unpredictable result and may affect the lifetime of the products. The below figure shows the typical input current variation while adjusting the DC voltage input to dimmable and non-dimmable product.

18. Illuminating Engineering Society of North America (IES)

Recognized technical authority of illumination. The IES communicates information on all aspects of good lighting practices.

19. Ampere (Amp)

Unit of measurement for the rate of flow of electrical current. Current (Amps) = Power (Watts) / Voltage (Volts).

20. Ambient Temperature (Ta)

Air temperature surrounding the device.

21. Light Emitting Diode (LED)

A solid-state semiconductor device converting electrical energy directly into light.

22. Luminous Flux

Measurement of perceived power of light, adjusted to reflect varying sensitivity of the human eye to different wavelengths of light.

23. Brightness

The degree of apparent lightness of a surface: its brilliancy; concentration of candlepower. Brightness is produced by either a self-luminous object, by light energy transmitted through objects or by reflection. Unit of measurement of brightness is the footlambert. (fl). Luminance.

24. 2Luminous Flux

Measurement of perceived power of light, adjusted to reflect varying sensitivity of the human eye to different wave length.

25. Beam Component

That component of flux received directly (or by specular reflection or transmission) from a point source (such as the sun or small lamp). It is a direct component.

GLOSSARY | IP - Ingress Protection Ratings

Ingress Protection (IP) ratings are developed by the European Committee for Electro Technical Standardization (CENELEC) (NEMA IEC 60529 Degrees of Protection Provided by Enclosures – IP Code), specifying the environmental protection the enclosure provides.

The IP rating normally has two degrees:

- **First digit means:** Complete protection against solid objects (dust and foreign bodies)
- **Second digit means:** Protection against liquids (jets of water)

Example - IP Rating: With the IP rating IP 54, 5 describes the level of protection from solid objects and 4 describes the level of protection from liquids. An "X" can be used for one of the digits if there is only one class of protection, i.e. IPX1 which addresses protection against vertically falling drops of water e.g. condensation..

Protection against contact and foreign bodies		
IP 1st digit	Contact	Foreign bodies
0	no protection	no protection
1	with large parts of the body (back of the hands)	large foreign bodies, diameter greater than or equal to 50 mm
2	with a finger	medium-size foreign bodies, diameter greater than or equal to 12 mm
3	with tools and wires, diameter greater than or equal to 2.5 mm	small foreign bodies, diameter greater than or equal to 2.5 mm
4	with tools and wires, diameter greater than or equal to 1 mm	grain-shaped foreign bodies, diameter greater than or equal to 1 mm dust deposit
5	complete protection	dust deposit
6	complete protection	ingress of dust

Protection against water	
IP 2nd digit	Water
0	no protection
1	vertically falling drops of water
2	obliquely falling drops of obliquely falling drops of water up to 15° towards vertical
3	spray water up to 60° towards vertical
4	splash water from all sides
5	jets of water
6	powerful jets of water
7	partial immersion
8	immersion

Example - IP 22: An electrical socket rated IP22 is protected against

- solid objects over 12 mm - ex. insertion of fingers
- direct sprays of water up to 15° from the vertical - ex. damage or unsafety due to vertically or nearly vertically dripping water