Installation Instruction
Fixture(s) should be used "ONLY" with low voltage landscape power units that do not exceed 25A, 15V.
The power units reduce the voltage from 120 volts to 12 volts.
The main cable from power units should be buried for less than 6 inches under the ground level and can be purchased from your local electric supply house.

FIELDS OF APPLICATION
Landscape Areas

Accessories:

Brass glare shield, Honeycomb louvre

ground spike, tree belt, long stem ground spike

IEC 62717 LED-modules for general lighting – Performance requirements
IEC 62722-2-1 Particular requirements for LED luminaires

High Lumen Efficacy100lm/W
Housing Brass Finished
Glowing Wire Test - 850°
Temperature - ta=20 °C ~ ta max=50 °C
Class - III

Model --- **Q34**

A - Ø60 X 180mm

Default Available

11Q34-BR-27-12-1-A

Product Assistant Chart

Q34 X X X X X

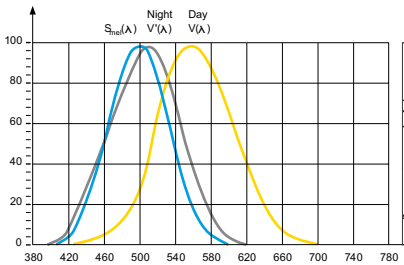
- Size — A
- Driver — 0 On/Off | 1 Dali | 2 Dimmable | 3 Phase Dimming | 4 1-10
- Beam Angle — 12° | 29° | 48°
- Kelvin — 27 2700K | 40 4000K | 60 6000K
- Finishing — BR BRONZE/BRASS
- Wattage — 11

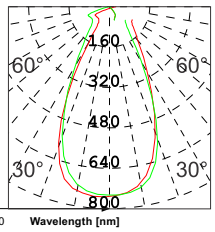
Lighting Customization Solution offer the wide range of customized product with best available options.

IP 66 | **IK 08** | **LED** | **McA Step 4** | **AC/DC**

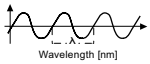
Relative spectral perception of brightness and melanopic effect

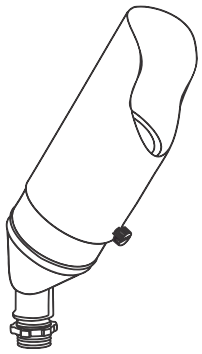
Effect as a percentage





Explanation of the three curves:
V(λ) = Perception of brightness, daytime seeing with the cones
V'(λ) = Night-time seeing with the rods
$S_{mel}(\lambda)$ = Melatonin suppression with the photosensitive ganglion cells





LED life time			Operating time 1.000 h									
Lamp Lumen Maintenance Factor			1	10	20	30	40	50	60	70	80	90	100
Lamp Survival Factor			1	1	1	1	1	1	1	1	0.99	0.99	0.99
L80	50.000 h	LLMF	1	0.96	0.92	0.88	0.84	0.80	0.76	0.72	0.68	0.64	0.60
		LSF	1	1	1	1	1	1	0.99	0.99	0.99	0.99	0.98
L80	100.000 h	LLMF	1	0.98	0.96	0.94	0.92	0.90	0.88	0.86	0.84	0.82	0.80
		LSF	1	1	1	1	1	1	1	0.99	0.99	0.99	0.99

A++ ENERGY LEVEL | LED | CRI>90 | series wiring | RoHS COMPLIANT | LM-80 | FLICKER FREE