



Simple and easy appearance, in line with contemporary aesthetic concept. The product has the structure and appearance design patent. The lamp body adopts high-pressure cast aluminum and aluminum alloy, the surface is coated with outdoor used powder, double anti-corrosion to extend service life. This lawn lamp series uses LED. High efficiency constant current driver, ensure the light source is maximum used.

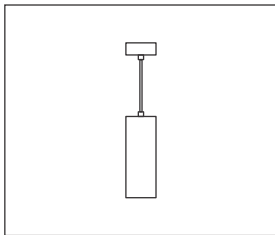
**FIELDS OF APPLICATION**

Office & Education, offices, open-plan offices, conference rooms, conference rooms, reception areas, counters, galleries, hotels, restaurants, living spaces

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

High Lumen Efficacy 100lm/W  
Body - Die cast aluminum  
Diffuser - Tempered clear glass  
Glowing Wire Test - 850°  
Temperature - ta=20 °C ~ ta max=50 °C  
Class - III

Model --- **P144**

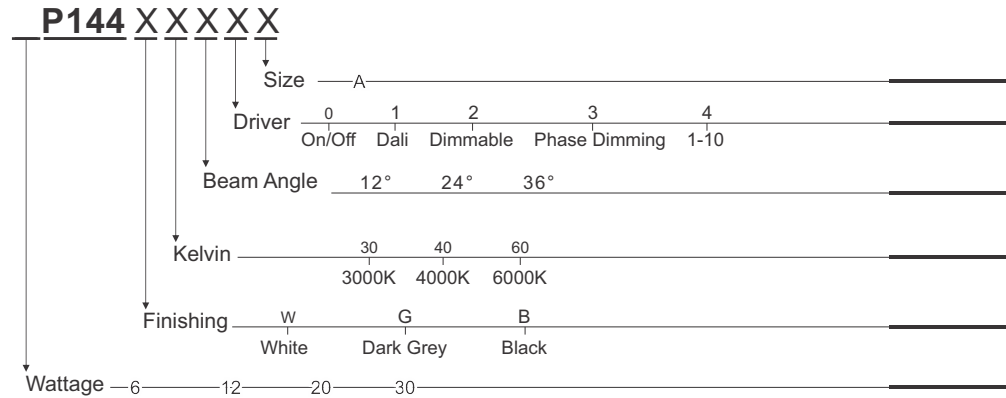


**A** - Ø78 X 200mm

Default Available

**12P144-B-30-12-0-A**

Product Assistant Chart

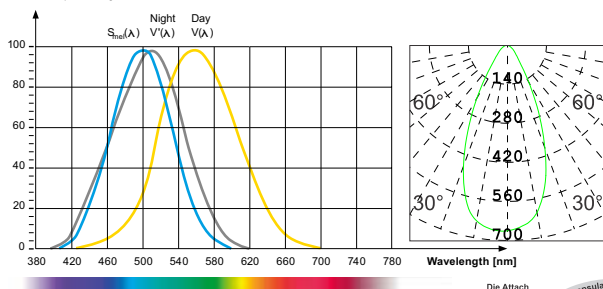


Lighting Customization Solution can offer you modifications for environment with higher options as a customized product.

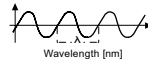
IP 44    IK 06    LED    McA Step 3    220-240V

**Relative spectral perception of brightness and melanopic effect**

Effect as a percentage



Explanation of the three curves:  
V(A) = Perception of brightness, daytime seeing with the cones  
V(A) = Night-time seeing with the rods  
S<sub>m</sub>(A) = Melatonin suppression with the photosensitive ganglion cells



| LED life time                 |                      | Operating time 1.000 h |    |      |      |      |      |      |      |      |      |      |      |
|-------------------------------|----------------------|------------------------|----|------|------|------|------|------|------|------|------|------|------|
| Lamp Lumen Maintenance Factor | Lamp Survival Factor | 1                      | 10 | 20   | 30   | 40   | 50   | 60   | 70   | 80   | 90   | 100  |      |
| 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 |

