

# Spectrum Test Report

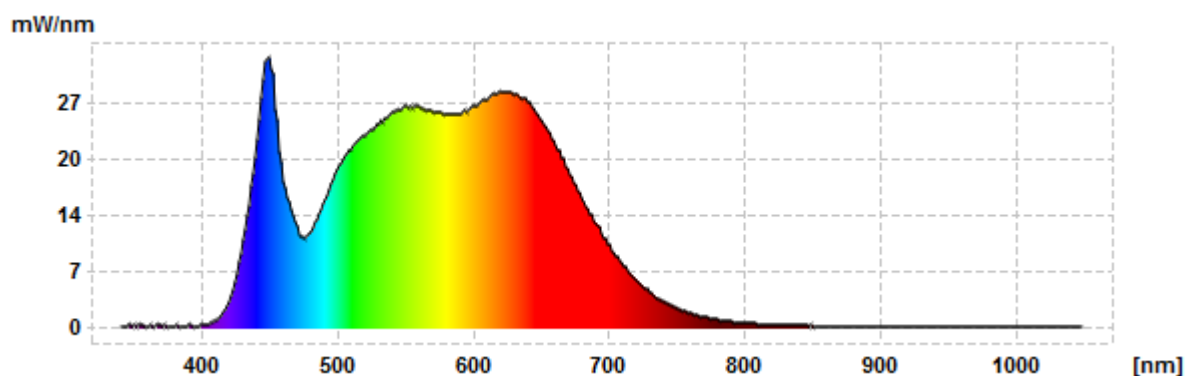


**DEKO-LIGHT**  
ELEKTRONIK VERTRIEBS GMBH

|                     |                                      |                     |                     |
|---------------------|--------------------------------------|---------------------|---------------------|
| <b>Client name:</b> | Deko Light Elektronik Vertriebs GmbH | <b>Report time:</b> | 2016-03-18 13:55:32 |
| <b>Item No:</b>     | 565183                               | <b>Model name:</b>  | COB 170             |

## Results

### Spectrum



| CIE 1931 2° observer |               | CIE 1964 10° observer |             | Color Parameters         |                |
|----------------------|---------------|-----------------------|-------------|--------------------------|----------------|
| <b>x</b>             | <b>0.3713</b> | x                     | 0.3755      | <b>CCT [k]</b>           | <b>4231</b>    |
| <b>y</b>             | <b>0.3727</b> | y                     | 0.3709      | Chromaticity Error       | 0.001          |
| <b>u'</b>            | 0.2207        | <b>u'</b>             | 0.2242      | Color Peak               | 448.60         |
| <b>v'</b>            | 0.4984        | <b>v'</b>             | 0.4982      | Color Peak Value         | 32.88          |
|                      |               |                       |             | Color Dominant           | 577.6          |
|                      |               |                       |             | Radiometric              | 6.3889         |
| Rendering Indices    |               | <b>Ra</b>             | <b>93.3</b> |                          |                |
| R1                   | 94.7          | R8                    | 93.2        |                          |                |
| R2                   | 93.8          | R9                    | 80.1        | Electrical Parameters    |                |
| R3                   | 91.3          | R10                   | 84.3        | <b>Luminous [lm]</b>     | <b>1816.09</b> |
| R4                   | 94.3          | R11                   | 93.9        | Luminous Efficacy [lm/W] | 70.9095        |
| R5                   | 93.6          | R12                   | 76.2        | Power [W]                | 25,6114        |
| R6                   | 90.5          | R13                   | 94.1        | Current [A]              | 0.699          |
| R7                   | 95.3          | R14                   | 94.7        | Voltage [V]              | 36.64          |



Deko-Light Elektronik Vertriebs GmbH

Auf der Hub 2 | D-76307 Karlsbad  
www.deko-light.com  
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