

# Lighting Parameter Analysis Report



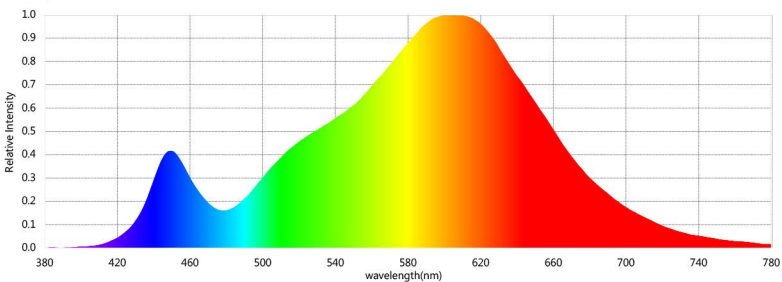
## Product information and test conditions

|                 |                     |             |    |             |   |
|-----------------|---------------------|-------------|----|-------------|---|
| Name            | B1008-D-BC          |             |    |             |   |
| Time            | 2018-04-26 17:09:13 |             |    |             |   |
| Manufacturer    | Barcelonaled S.L.   |             |    |             |   |
| User            | BLED                |             |    |             |   |
| Temperature(°C) | 25                  | Humidity(%) | 50 | Distance(m) | 1 |

### Parameters

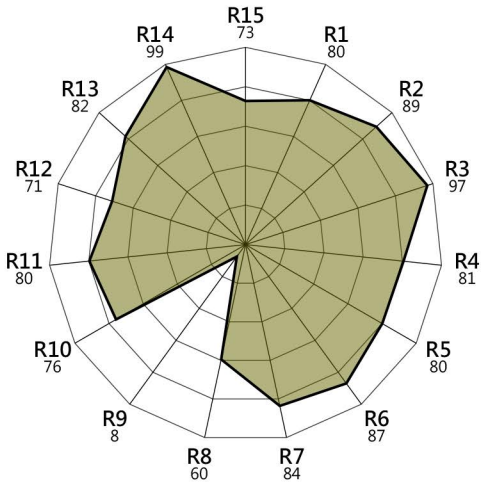
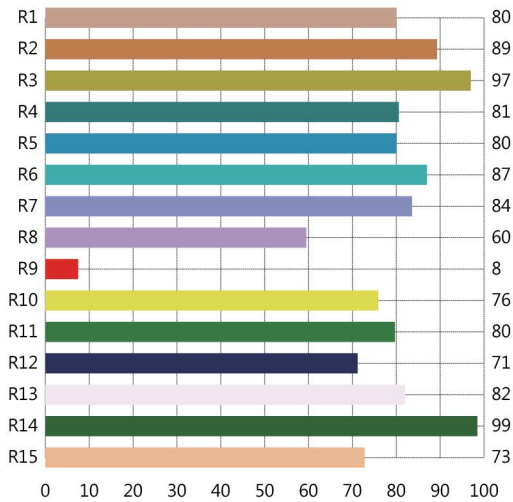
|                     |                           |
|---------------------|---------------------------|
| CIE_X               | 0.4430                    |
| CIE_Y               | 0.4078                    |
| CIE_u'              | 0.2529                    |
| CIE_v'              | 0.5237                    |
| CCT                 | 2930 K                    |
| CRI (Ra)(R1~R8)     | 82                        |
| CQS                 | 83                        |
| TLCI(Qa)            | 67                        |
| GAI                 | 51                        |
| TM-30-15 Rf         | 83                        |
| TM-30-15 Rg         | 97                        |
| SDCM                | 0.9                       |
| Color Ratio         | R 25.10% G 72.87% B 2.03% |
| λp                  | 601 nm                    |
| Flicker Percentage  | 8 %                       |
| Flicker Index       | 0.02                      |
| Flicker Frequency   | 100 Hz                    |
| Luminous Flux       | 1585 Lm                   |
| Luminous Efficiency | 107.8 Lm/W                |
| Radiant Flux        | 4.9 W                     |
| Voltage             | 220.8 V                   |
| Current             | 0.068 A                   |
| Watte               | 14.70 W                   |
| Power Factor        | 0.965                     |

### Spectrum



### CRI (Re) (R1-R15)

Ra = 82 Re = 76

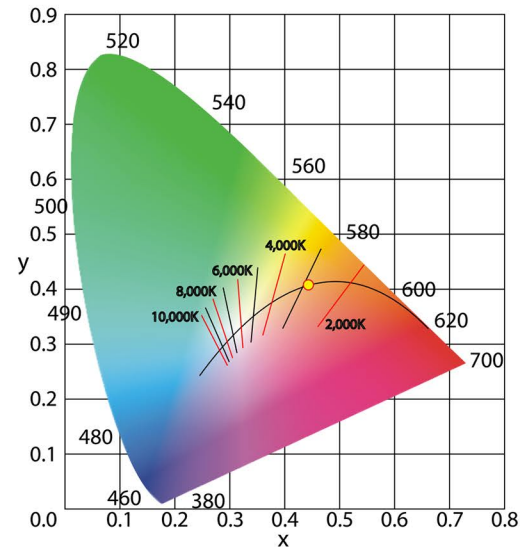


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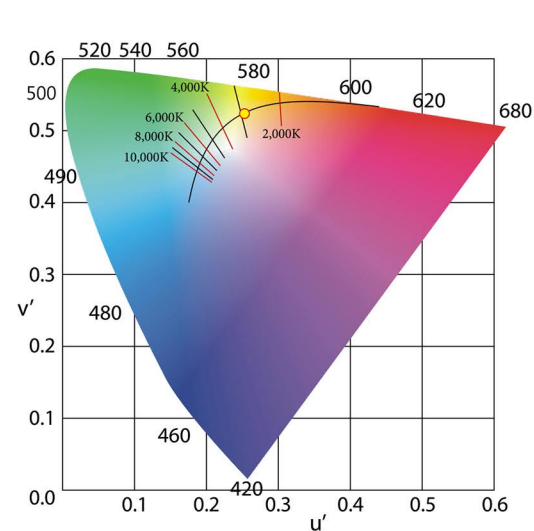
## CEI 1931

$x = 0.4430, y = 0.4078$  CCT = 2930K

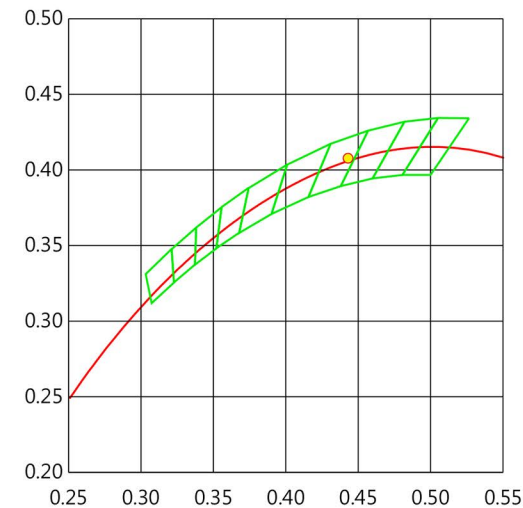


## CEI 1976

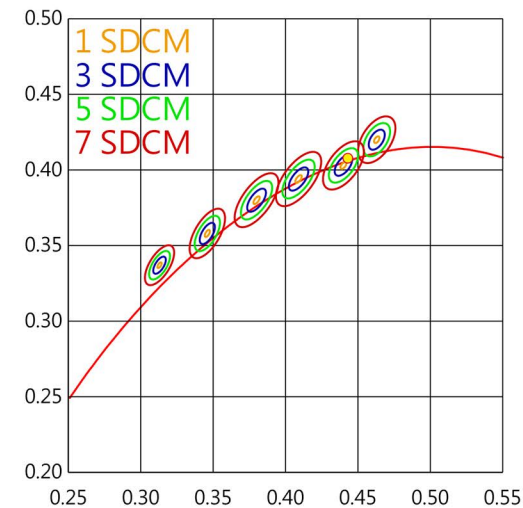
$x = 0.2529, y = 0.5237$  CCT = 2930K



## C78.377 - 2017



## IEC-SDCM



## TM-30-15

Rf = 83 Rg = 97

