



## Product information and test conditions

|                 |                                            |             |
|-----------------|--------------------------------------------|-------------|
| Name            | ColorBright™ RGB Digital Pixel Strip (Red) |             |
| Time            | 2021-05-20 04:39:37(Time-zone GMT+8)       |             |
| Manufacturer    | Flexfire LEDs, Inc.                        |             |
| User            | FlexfireLEDs (warehouse@flexfireleds.com)  |             |
| Temperature(°C) | Humidity(%)                                | Distance(m) |

## Parameters

CIE\_x 0.6921

CIE\_y 0.3029

CIE\_u' 0.5272

CIE\_v' 0.5192

CCT N/A

Duv N/A

CRI (Ra)(R1~R8) N/A

CRI (Re) (R1-R15) N/A

CQS N/A

TLCI(Qa) N/A

GAI N/A

TM-30-18 Rf N/A

TM-30-18 Rg N/A

Illuminance 183 lux

PPFD (400-700nm) 5.28  $\mu\text{mol}/\text{m}^2\text{s}$

$\lambda_p$  632 nm

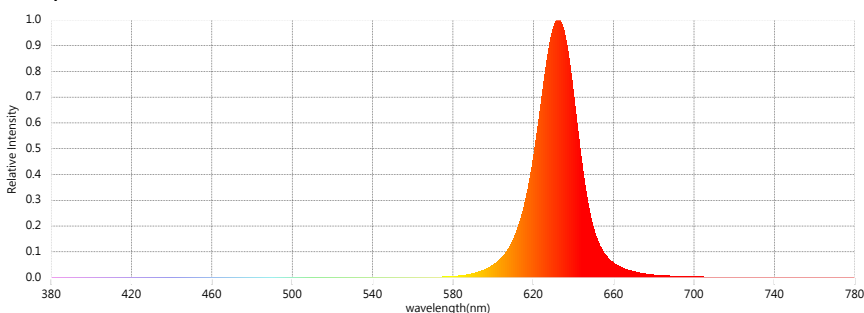
$\lambda_D$  623 nm

Purity (Pe) 100 %

SP Ratio 0.1

Flicker Percentage 4 %

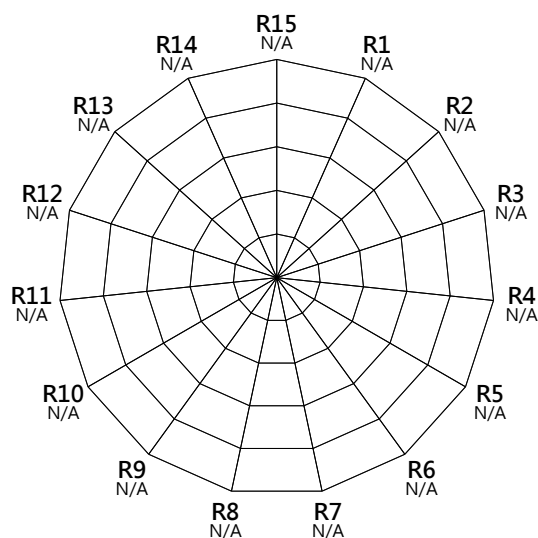
## Spectrum



## CRI (Re) (R1-R15)

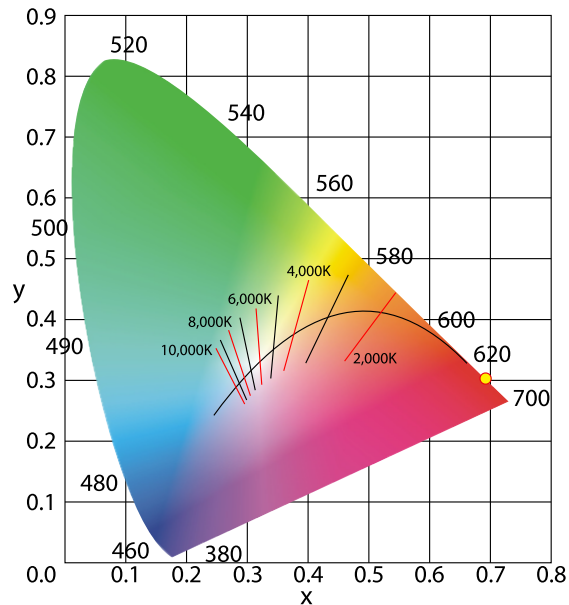
Ra = N/A Re = N/A

|     |     |
|-----|-----|
| R1  | N/A |
| R2  | N/A |
| R3  | N/A |
| R4  | N/A |
| R5  | N/A |
| R6  | N/A |
| R7  | N/A |
| R8  | N/A |
| R9  | N/A |
| R10 | N/A |
| R11 | N/A |
| R12 | N/A |
| R13 | N/A |
| R14 | N/A |
| R15 | N/A |



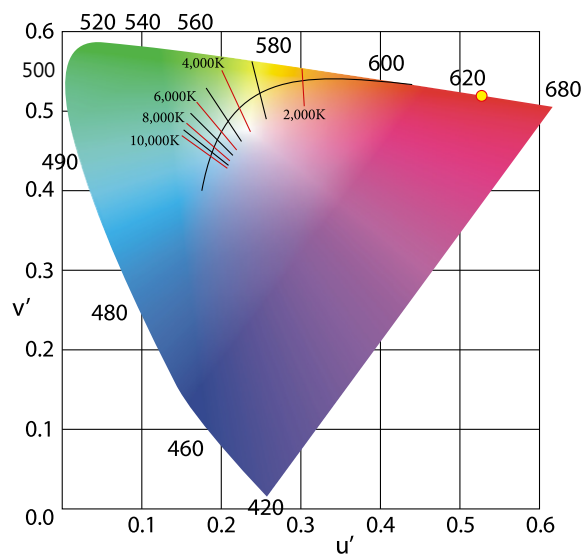
CIE 1931

$x = 0.6921$ ,  $y = 0.3029$  CCT = N/A

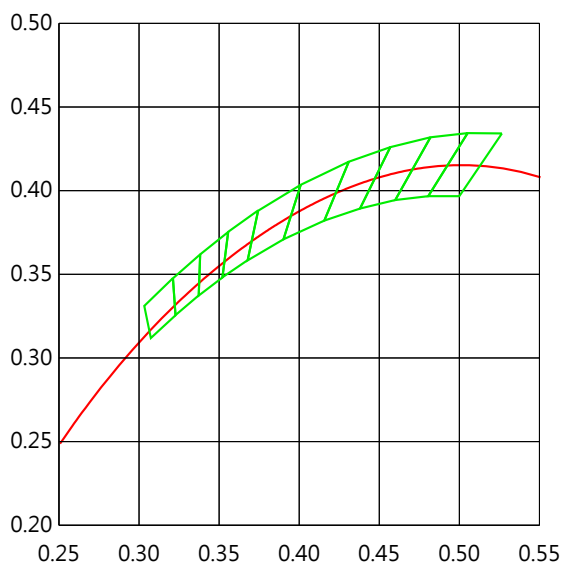


CIE 1976

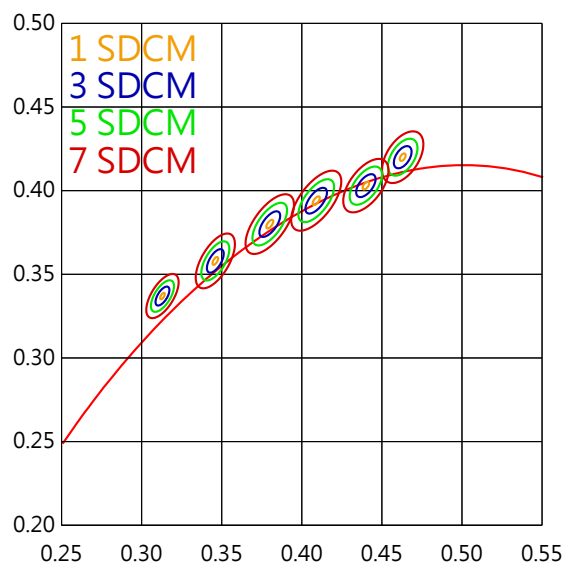
$x = 0.5272$ ,  $y = 0.5192$  CCT = N/A



C78.377 - 2017



IEC-SDCM



TM-30-20

$R_f = N/A$   $R_g = N/A$

