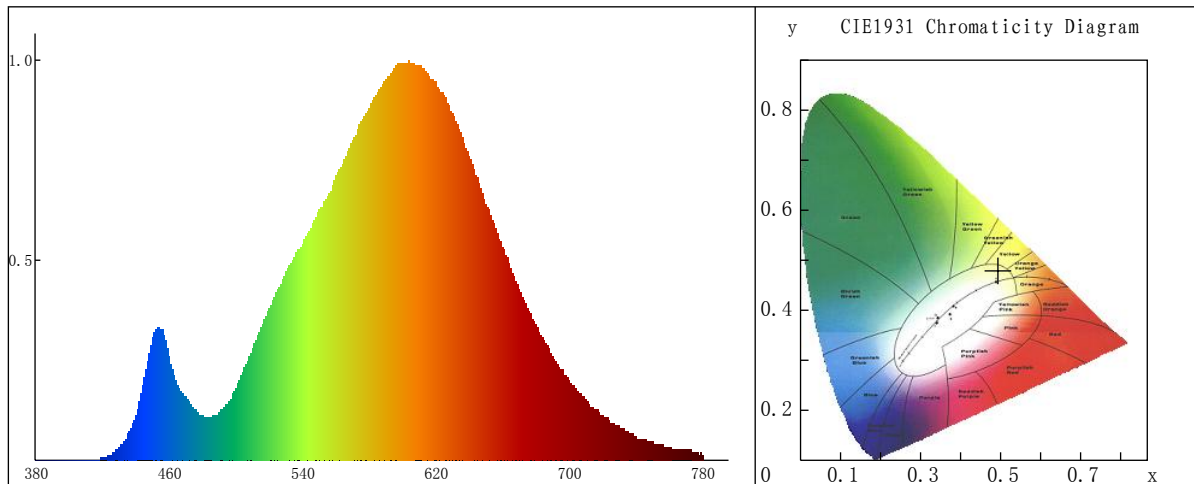


LED Integrated test report

Product Mark

Product Type : KL-PAR20-E27-5x1.5W Manufacturer : SIA Sinergo
Temperature : 20°C Humidity : 70%
Operator : Ingars Liedags Test Date 2012-01-13



Chroma Parameters

Chro. Coord.: $x = 0.4674$ $y = 0.4263$ $u = 0.2604$ $v = 0.3562$ $duv = 0.0050$
CCT: $T_c = 2715K$ Dominant Wave.: 583.6nm Purity: 68.3%
R ratio: $R = 23.9$ Peak Wavelength: 603.5nm Half Width: 130.3nm

Rending Index $R_a = 79.9$

$R_1 = 77$	$R_2 = 88$	$R_3 = 98$	$R_4 = 77$	$R_5 = 76$
$R_6 = 81$	$R_7 = 86$	$R_8 = 58$	$R_9 = -2$	$R_{10} = 64$
$R_{11} = 69$	$R_{12} = 51$	$R_{13} = 75$	$R_{14} = 96$	$R_{15} = 67$

Photo Parameters

Flux: 329.251m Effi.: 43.91m/W Radiant: 782.4mW Iv: 0.0mcd

Ele. Parameters

Voltage: $U = 230.1V$ Current: $I = 0.064A$
Power: $P = 7.5W$ Power Factor: $PF = 0.512$

Instrument state

IntgeTime: 114.172ms VPeak: 13175 VDark: 1163
Scan Range: 380-780nm