

Spectrum Test Report

Product Information

Product Category: LED Project Light
Product Spec: AC 220-240V 70W 3000K

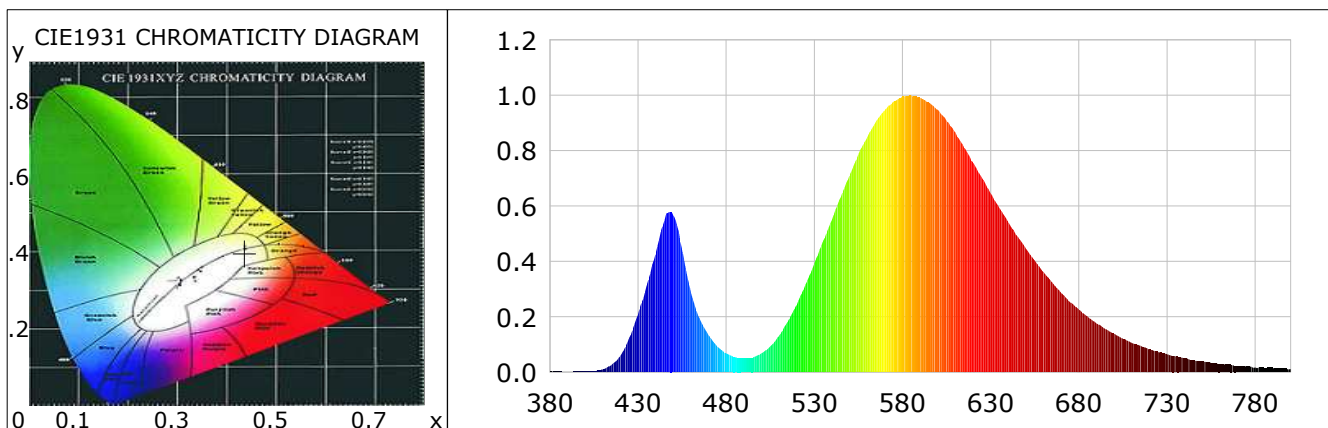
Product Type: BDS-28-246 4507
70W 3000K Product Number: 678

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4358$ $y=0.3969$ $u(u')=0.2530$ $v=0.3456$ $v'=0.5183$
CCT: $T_c=2960K$ ($duv=-0.00274$) Color Ratio: $R=0.200$ $G=0.787$ $B=0.013$
Peak Wavelength: 0nm Half Bandwidth: 107.1nm
Dominant Wavelength: 585.0nm Color Purity: 0.499

CRI: R_i : $R_a=70.26$

$R_1=68$	$R_2=75$	$R_3=87$	$R_4=67$	$R_5=65$	$R_6=71$	$R_7=85$	$R_8=64$
$R_9=-69$	$R_{10}=59$	$R_{11}=58$	$R_{12}=55$	$R_{13}=71$	$R_{14}=92$	$R_{15}=68$	



Photometric Parameters

Luminous Flux: 5422.9 lm

Efficiency: 77.47 lm/W

Radiant Power: 17.413 W

Electric Parameters

Voltage: 230.00V

Current: 0.4980A

Power: 70.00W

Power Factor: 0.964

Frequency: 50.00Hz

Test Information

Scan Range: 380nm~800nm:1nm
Stabilization Time: 0 Min
Max of Signal: 42798 (6133)

Photometric Method:
Photometric Condition: Sphere diameter: 1.50m, 4 π
CCD Integration Time: 90.56 ms