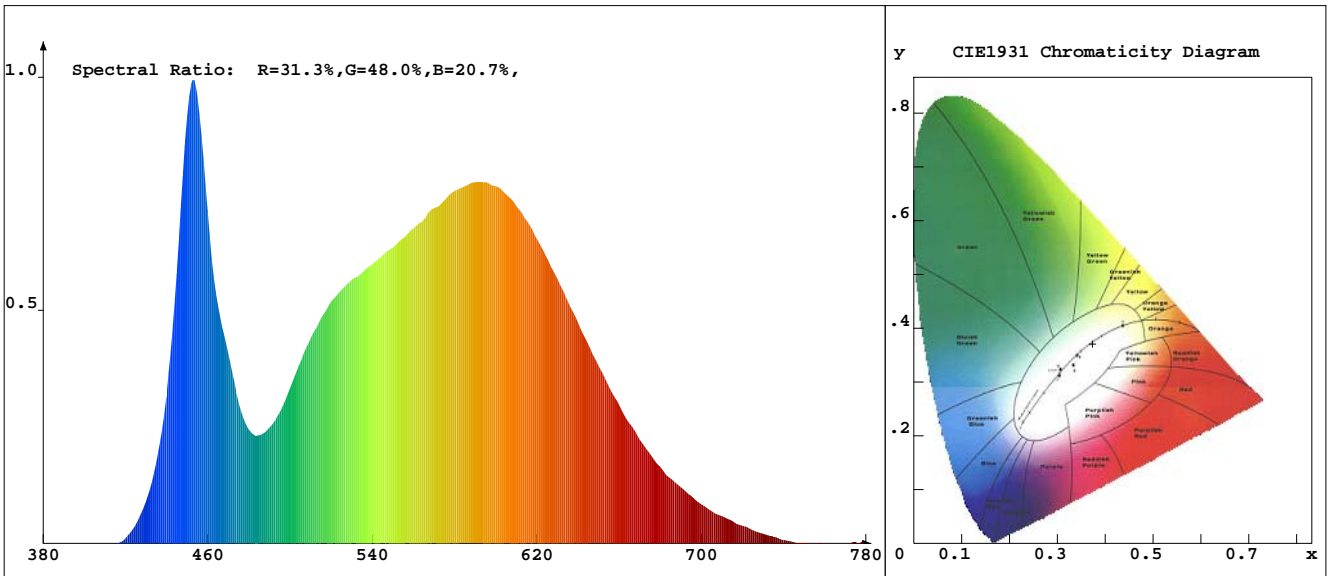


# Asmetec METOLIGHT Test Lab Report

## Product Mark

Product Type :LED-Modul-180-20-NW  
 Temperature :22'C  
 Operator :RFR  
 Remark:Energy Class A+

Manufacturer :METOLIGHT 103237-5318  
 Humidity :46%  
 Test Date :2016-02-02 09:41:33



## Chroma Parameters

Chro.Coor.:x=0.3734 y=0.3706 u=0.2229 v=0.3319 duv=-0.0008  
 CCT: 4156K Dominant Wave.:578.9nm Purity:23.3%  
 Flux RGB Ratio:R=17.8%,G=79.5%,B=2.7% Peak Wave:453.5nm Half Width:21.1nm

## Rendering Index:Ra= 82.1

R1 =81	R2 =89	R3 =94	R4 =80	R5 =80	R6 =83	R7 =85	R8 =63
R9 =7	R10=73	R11=78	R12=56	R13=83	R14=97	R15=75	

## Photo Parameters

Flux:1929.40lm Effi.:112.2lm/W Radiant:6260.3mW Iv:0.0mcd  
 Scotopic Flux:3343.1Plm Effi.:194.4Plm/W S/P:1.7

## Ele. Parameters

Voltage:U=230.700V Current:I=0.1470A  
 Power:P=17.20W Power Factor:PF=0.507

## Instrument state

Instrument:Lisun LMS-8000S Integral Time: 206.501ms VPeak: 13285  
 VDark: 1233 Scan Range: 380-780nm Product ID: 201204069