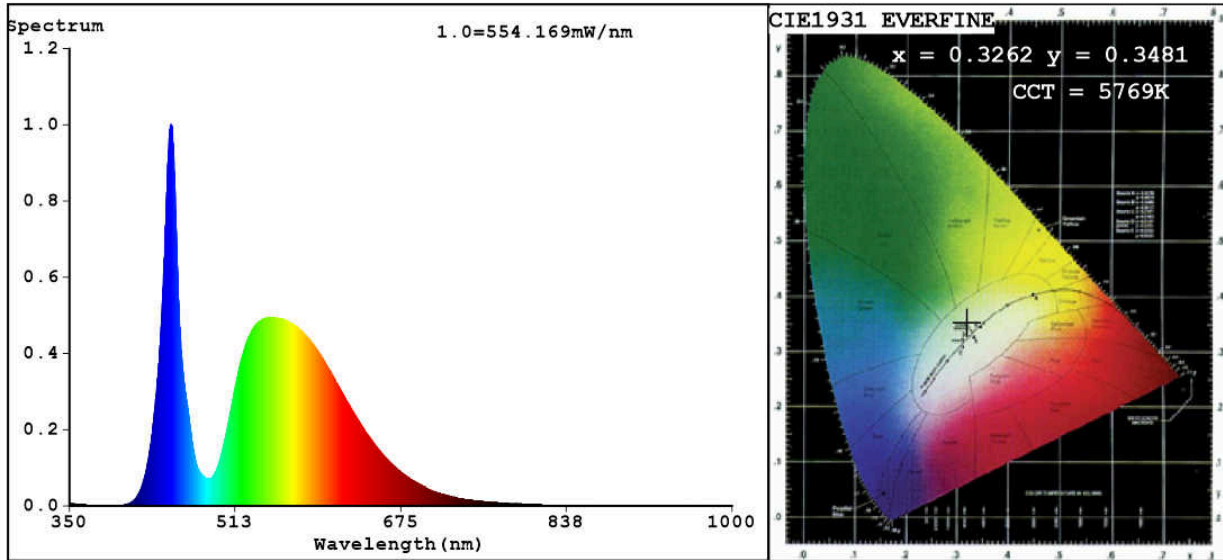


**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3262$   $y=0.3481$  /  $u'=0.2000$   $v'=0.4801$   
 CCT=5769K (Duv=0.0063) Dominant WL:Ld =522.3nm WL:Lc = --nm Purity=3.0%  
 Ratio:R=12.5% G=84.4% B=3.1%; Peak WL:Lp=449.6nm FWHM=17.2nm  
 Render Index:Ra=69.6 AvgR=60.6 TM30:Rf=72 Rg=92 Lav=548.1nm

R1 =67    R2 =73    R3 =76    R4 =71    R5 =68    R6 =63    R7 =81  
 R8 =58    R9 =0    R10=35    R11=67    R12=34    R13=67    R14=87    R15=62

**Photo Parameters:**

Flux = 15999 lm    Eff. : 156.12 lm/W    Fe = 47.92 W

**Electrical parameters:**

V = 230.26 V    I = 0.4966 A    P = 102.5 W PF = 0.8962  
 WHITE:ANSI\_5700K

Status: Integral T = 1 ms    Ip = 22985 (35%)

Model:LED OUTDOOR LIGHTING  
 Tester:Atanas DAKOV  
 Temperature:25.3Deg  
 Manufacturer:ELMARK

Number:98BERLIN100SMD1  
 Date:2022-02-28 13:59:13  
 Humidity:65.0%  
 Remarks:8370