



Lightsource Test Report

AGM Vision
www.agmvision.com
05-53-55-16-18
contact@agmvision.com

Product Information

Manufacturer: AGM Vision

Product Name : Titanium XS

Technology : LED

Base Type : H7

Product Number : H7-TITAXS

CIE Colorimetric Parameters

Chromatic Coordinate: x=0,3141 y=0,3249 u(u')=0,2004 v=0,3109 v'=0,4663

CCT: 6456K

Color Ratio: R= 11,495 G= 43,019 B= 45,552

Peak WaveLength: 445,5nm

Half WaveLength: 22,0nm

Domaint Wave: 485,9nm

Blue-Green Color Purity: 7,154%

Color Render Index: Ra=68,3

TM30: Rf= 67,2, Rg= 85,5

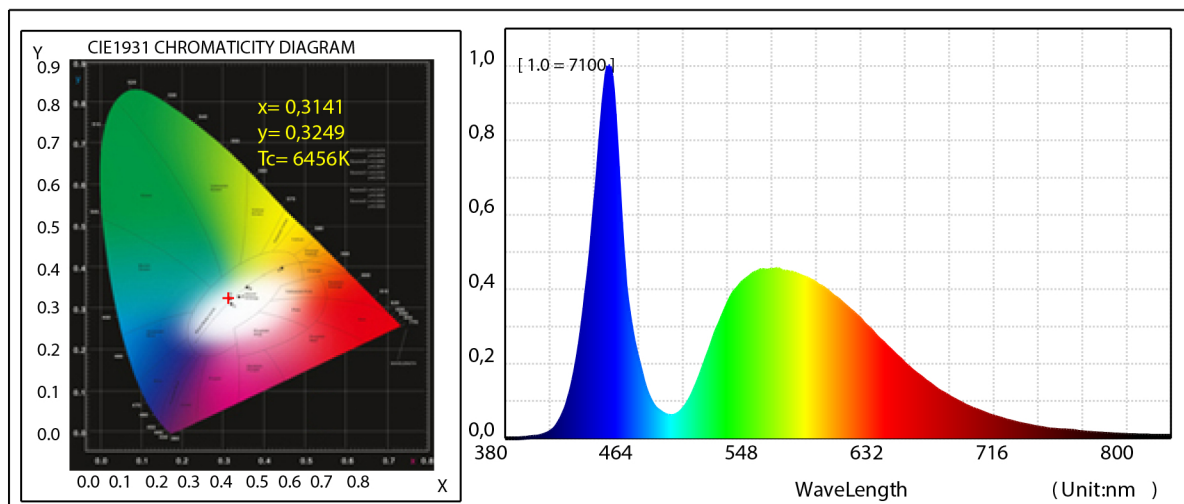
R1=68 R2=70 R3=69 R4=71 R5=69 R6=60 R7=77 R8=62

R9=-27 R10=27 R11=69 R12=34 R13=67 R14=82 R15=65

Color Quality Scale: Qa=67,0, Qf=65,0, Qp=72,5, Qg=88,6

Q1=81 Q2=88 Q3=54 Q4=46 Q5=59 Q6=65 Q7=72 Q8=83

Q9=89 Q10=72 Q11=65 Q12=67 Q13=71 Q14=59 Q15=68



Photometric Parameters

Luminous Flux: 3900,70lm

Efficiency: 87,85lm/W Radiant Power: 12,352W

EEL: 0,00

Energy Efficiency Class: A+ + (EU874-2012)

PAR: 0,012W

PPF: 0.054umol/s R/B: 0,6

Photons1: 0,014umol/s(400~500nm)

Photons2: 0,012umol/s(600~700nm)

Electric Parameters

Voltage: 12,00V

Current: 3,700A

Power: 44,40W

Test Information

Scan Range: 380~800 : 1nm

Photometric Method: sphere-spectroradiometer

Max of Signal: 7100

CCD Integration Time: 1

New York : IES Approved Method

Photometric Condition: Sphere: 1 Geometry: 4π

Environment: Tx:25.1 ☒ Ti:24.5 ☒ RH:60%

Test Time: 16/08/2021

Test Lab: AGM Vision Lab France