

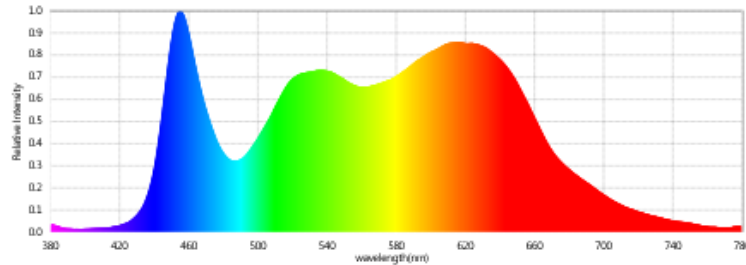
Product information and test conditions

Name			
Time	2020-12-16 06:28:28(Time-zone GMT+8)		
Manufacturer	Lumicrest		
User	David Geldart (david@lumicrest.com)		
Temperature(°C)	22	Humidity(%)	24
		Distance(m)	

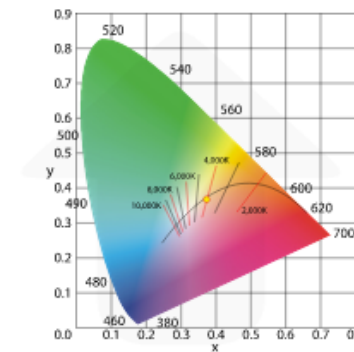
Parameters

CIE_x	0.3731
CIE_y	0.3676
CIE_u'	0.2239
CIE_v'	0.4964
CCT	4142 K
Duv	-0.0021
CRI (Ra)(R1~R8)	97
CRI (Re) (R1-R15)	94
CQS	94
TLCI(Qa)	93
GAI	84
TM-30-18 Rf	92
TM-30-18 Rg	100
Illuminance	1,185 lux
Foot Candle	110.1 fc
PPFD (400-700nm)	18.04 $\mu\text{mol}/\text{m}^2\text{s}$
λ_p	454 nm
λ_D	580 nm
Purity (Pe)	20 %
SP Ratio	1.9

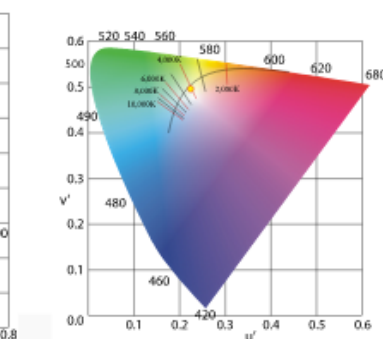
Spectrum



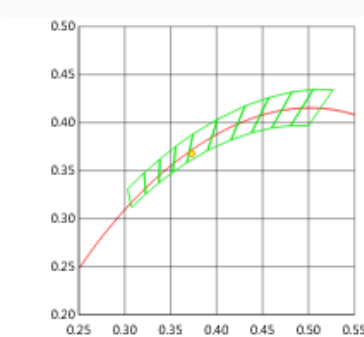
CIE 1931



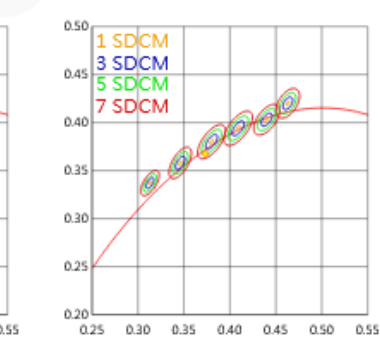
CIE 1976



C78.377 - 2017



IEC-SDCM



CRI (Re) (R1-R15)

R1 98	R6 95	R11 95
R2 99	R7 97	R12 72
R3 95	R8 93	R13 99
R4 99	R9 82	R14 96
R5 97	R10 94	R15 97

TM-30-18



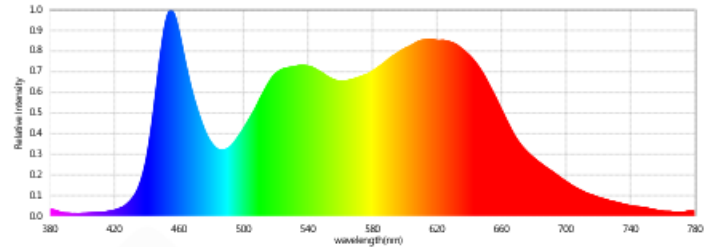
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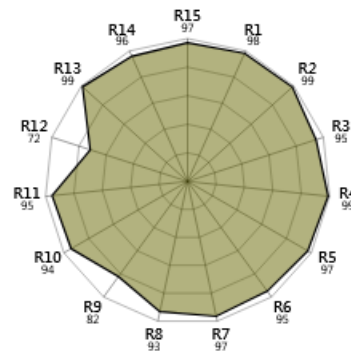
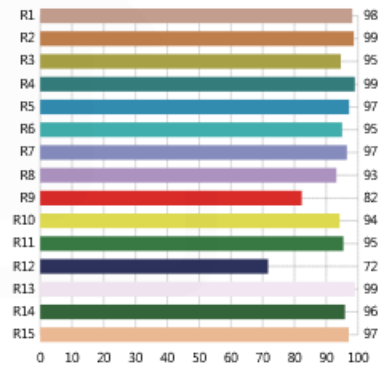
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λ_D	580 nm
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SP Ratio	1.9

Spectrum



CRI (Re) (R1-R15)

Ra = 97 Re = 94



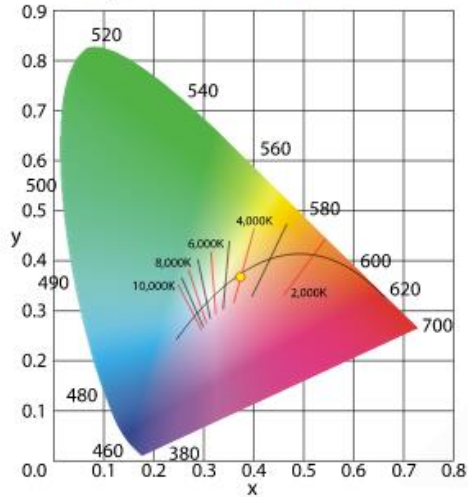


Lighting Parameter Analysis Report



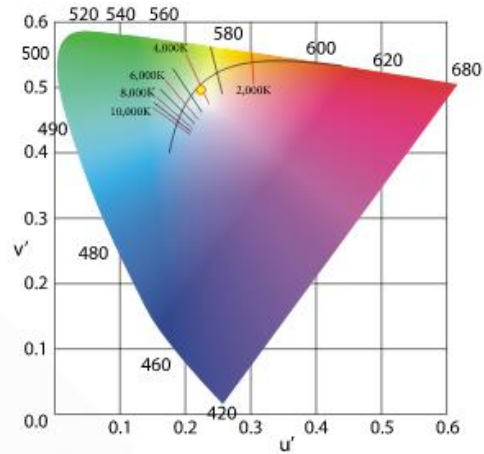
CIE 1931

$x = 0.3731, y = 0.3676$ CCT = 4142K

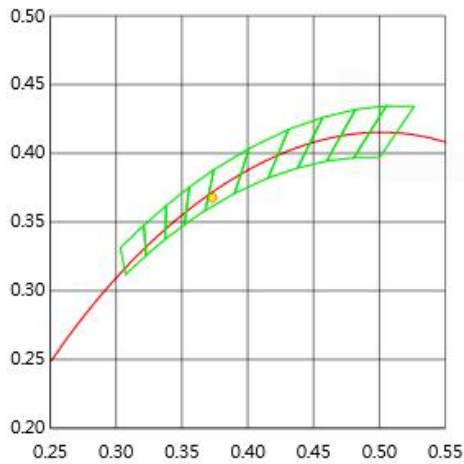


CIE 1976

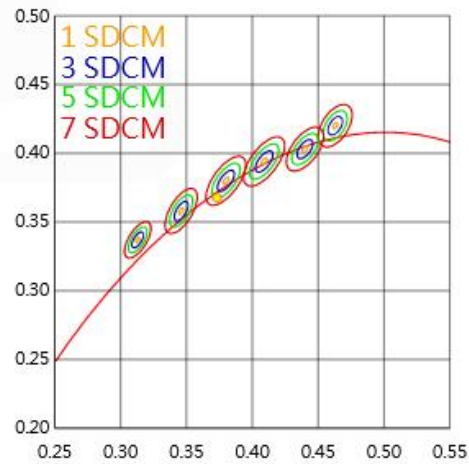
$x = 0.2239, y = 0.4964$ CCT = 4142K



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TM-30-18

Rf = 92 Rg = 100

