



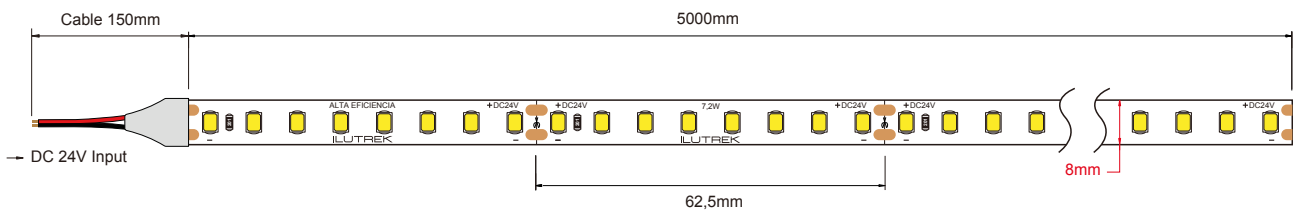
REFERENCIA	Modelo	G/Kelvin	Rendimiento	Lumen/1mt	Eficiencia
24-1057-R	Pavía	2200K	129,16Lm/w	930Lm	E
24-1028-R	Pavía	2700K	145,63Lm/w	1048Lm	E
24-1029-R	Pavía	3000K	148,64Lm/w	1070Lm	D
24-1030-R	Pavía	4000K	156,38Lm/w	1125Lm	D
24-1031-R	Pavía	5000K	152,13Lm/w	1095Lm	D

CARACTERÍSTICAS TÉCNICAS

Potencia mt	7,2W
Potencia rollo	36W
CRI	>80
Voltaje	24V
IP	IP20
Tipo de led	2835 SMD
Leds/mt	128
Ángulo	120°
Ancho PCB	8 mm
Altura	1,5 mm
Medida de corte	62,5 mm

Led Pitch (mm)	7,81 mm
Longitu rollo	5 m
Vida útil	50Kh (L80B20)
Temp. ambiente	-20°-50°C
Temp. almacenamiento	-40°-80°C
Años de garantía	5
Regulable	SI
Necesaria instalación disipación	SI
Lineal máximo inst.	10 m
Pasos McAdam	3
Bin	1

MEDIDAS TIRA LED





DATOS ELECTRICOS

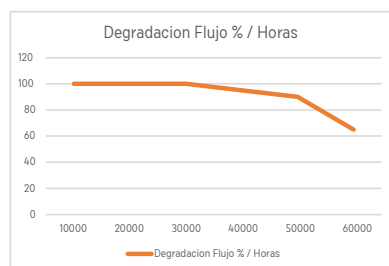
Potencia Nominal	7,2 W
Tramada Maxima	9,5 Mts

Amperios 1mt	0,3 A
Tramada Maxima	2,85 A

RENDIMIENTO LUMENES SEGUN DIFUSOR PERFILERIA

Tonalidad	Difusor Transparente	Difusor Mate	Difusor Negro
2200k	828 Lm	702 Lm	225 Lm
2700k	865,28 Lm	733,61 Lm	235,13 Lm
3000k	970,48 Lm	822,8 Lm	263,72 Lm
4000k	1019,91 Lm	864,7 Lm	277,15 Lm
5000k	952 Lm	807,13 Lm	258,69 Lm

DEGRADACIÓN DE FLUJO POR VIDA UTIL



Nomenclatura	L80B20
Horas	50.000 h
% Perdida de flujo	80%
% de Leds	20%

La pérdida de flujo que se indica a continuación serán pasadas las horas de vida útiles totales.

Este valor es en condiciones optimas de la tira de led y siguiendo nuestras indicaciones de instalacion.

En caso contrario la degradacion de la tira variara si se presentan las siguientes condiciones:

- Temperatura elevada en el area de trabajo.
- No instalacion de disipador.
- Disipador instalado no adecuado a la tira de led.
- Voltaje de alimentacion superior a las especificaciones de la tira de led.
- Humedad en la zona de trabajo. (Corresponde a la tira de IP20 e IP65 en zonas con agua o condensacion.)

PERCEPCIÓN LUMÍNICA SEGÚN DISTANCIA DE CABLE / SECCIÓN

SECCIÓN	5 mt	10 mt	15 mt	20 mt	25 mt
0,75 mm2	91,69%	92,05%	92,2%	92,2%	...
1,5 mm2		96,59%	92,05%		
2,5 mm2			92,82%		
4 mm2				94,41%	
6 mm2					96,88%

SECCIÓN MÍNIMA RECOMENDADA SEGÚN CARGA Y DISTANCIA DE CABLE

MTS TIRA	1 mt	5 mt	10 mt	15 mt	20 mt
1 mt	0,5 mm2	0,5 mm2	0,5 mm2	0,5 mm2	0,5 mm2
5 mt	0,5 mm2	0,5 mm2	0,5 mm2	0,75 mm2	1 mm2
Mts. Max	0,5 mm2	0,5 mm2	1 mm2	1,5 mm2	2,5 mm2





Sample : 24-1028-R
 Specification :
 Sample No. : 32
 Manufacturer :

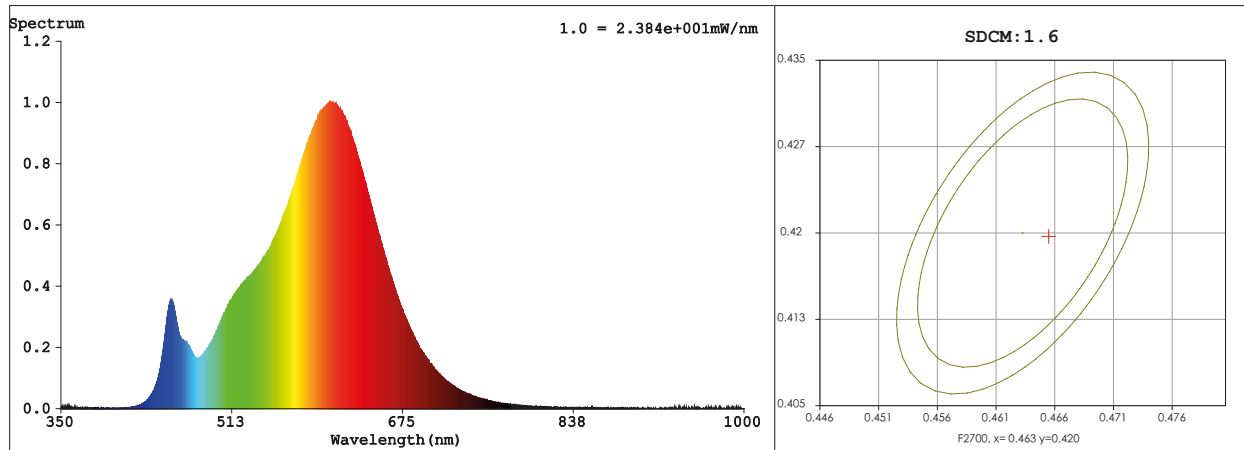
Date: 2022-01-08 14:51:28
 Sam. Status :
 Instrument : HAAS-2000(EVERFINE)
 Test by :
 Assessor : damin

Test Condition

Temperature : 25.3Deg
 WL Range : 350nm-1000nm
 Test Mode : Fast Test

RH : 65.0%
 IP : 44645 (68%)
 T : 1000 ms
 Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4652$ $y = 0.4197$ / $u' = 0.2619$ $v' = 0.5316$ ($duv=2.88e-03$) $Dx,Dy:0.0050,0.0090$
 CCT= 2696K Prcp WL: $Ld=583.3nm$ Purity=65.6%
 Peak WL: $Lp=606nm$ FWHM: =113.1nm Ratio:R=25.1% G=72.7% B=2.2%

Render Index: $Ra = 82.2$ TM30:Rf=82 Rg=92

R1 =81 R2 =92 R3 =95 R4 =80 R5 =81 R6 =91 R7 =82
 R8 =57 R9 =5 R10=82 R11=79 R12=72 R13=83 R14=98 R15=72

Photometric & Radiometric Parameters

Flux = 1081.1 lm Eff. : 145.63 lm/W $Fe = 3.2828$ W
 Photons1:1.269e+000 umol/s(400~500nm) Photons2:7.670e+000 umol/s(600~700nm)
 Photosynthetic:PPF:15.47umol/s PRF WATT:3162.9mW(400-700nm)

Electrical parameters

V = 24.00 V I = 0.3093 A P = 7.424 W PF = 1.000 F=0.00 Hz





Sample : 24-1029-R
 Specification :
 Sample No. : 27
 Manufacturer :

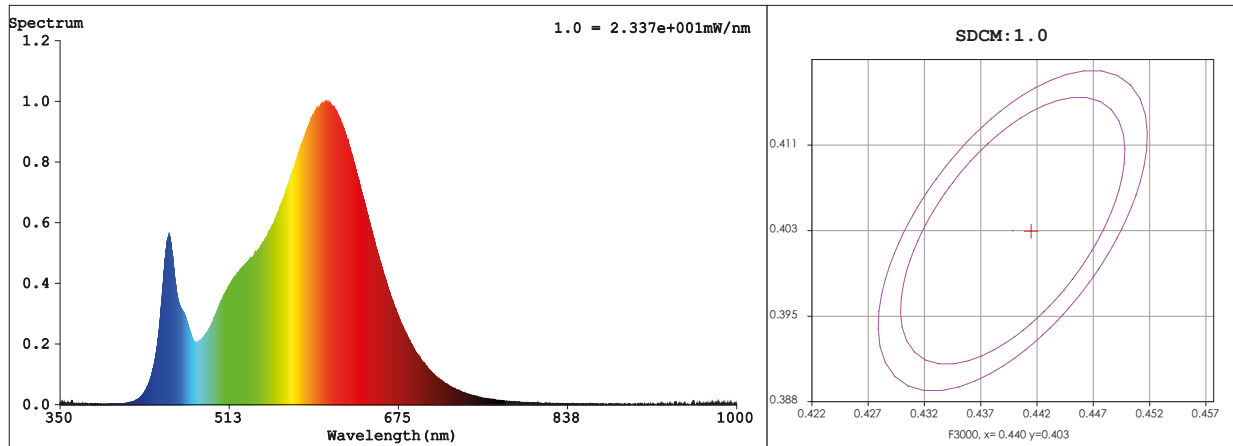
Date: 2022-01-08 14:35:25
 Sam. Status :
 Instrument : HAAS-2000(EVERFINE)
 Test by :
 Assessor : damin

Test Condition

Temperature : 25.3Deg
 WL Range : 350nm-1000nm
 Test Mode : Fast Test

RH : 65.0%
 IP : 54480 (83%)
 T : 1245 ms
 Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4416$ $y = 0.4029$ / $u' = 0.2541$ $v' = 0.5216$ ($duv = -1.06e-03$) $Dx, Dy: -0.0016, -0.0032$
 CCT= 2913K Prcp WL: $Ld=583.6nm$ Purity=53.5%
 Peak WL: $Lp=606nm$ FWHM: =118.4nm Ratio:R=23.8% G=73.5% B=2.7%

Render Index: $Ra = 82.9$ TM30:Rf=82 Rg=95

R1 =82 R2 =93 R3 =94 R4 =80 R5 =83 R6 =92 R7 =81
 R8 =58 R9 =8 R10=85 R11=80 R12=74 R13=85 R14=97 R15=74

Photometric & Radiometric Parameters

Flux = 1095.2 lm Eff. : 148.64 lm/W $Fe = 3.3278 W$
 Photons1: $1.740e+000$ umol/s(400~500nm) Photons2: $7.173e+000$ umol/s(600~700nm)
 Photosynthetic:PPF: 15.596 umol/s PRF WATT: $3228.9mW(400-700nm)$

Electrical parameters

V = 24.00 V I = 0.3070 A P = 7.368 W PF = 1.000 F=0.00 Hz





Sample : 24-1030-R
 Specification :
 Sample No. : 76
 Manufacturer :

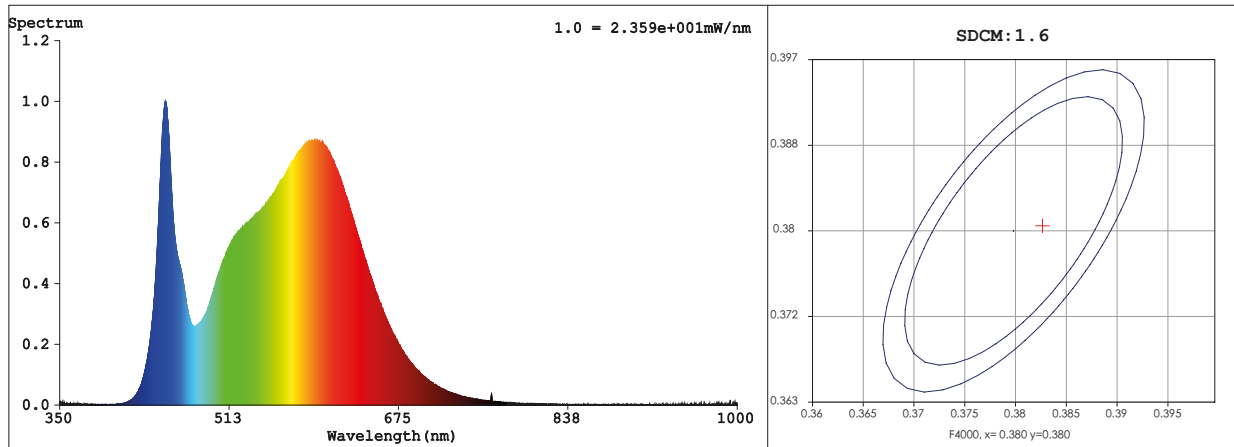
Date : 2022-01-08 16:44:00
 Sam. Status :
 Instrument : HAAS-2000(EVERFINE)
 Test by :
 Assessor : damin

Test Condition

Temperature : 25.3Deg
 WL Range : 350nm-1000nm
 Test Mode : Fast Test

RH : 65.0%
 IP : 48799 (74%)
 T : 1253 ms
 Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3829$ $y = 0.3805$ / $u' = 0.2252$ $v' = 0.5036$ ($duv=1.05e-03$) $Dx, Dy: 0.0008, 0.0027$
 CCT= 3963K Prcp WL: $L_d=578.7nm$ Purity=29.1%
 Peak WL: $L_p=452nm$ FWHM: =19.4nm Ratio:R=18.3% G=78.0% B=3.6%

Render Index: $R_a = 82.3$ TM30:Rf=81 Rg=94

R1 =80 R2 =90 R3 =96 R4 =81 R5 =81 R6 =86 R7 =85
 R8 =61 R9 =1 R10=75 R11=80 R12=61 R13=83 R14=98 R15=73

Photometric & Radiometric Parameters

Flux = 1158.2 lm Eff. : 156.38 lm/W $F_e = 3.4542$ W
 Photons1: $2.812e+000$ umol/s(400~500nm) Photons2: $5.542e+000$ umol/s(600~700nm)
 Photosynthetic:PPF: 15.81 umol/s PRF WATT: $3382.2mW(400-700nm)$

Electrical parameters

V = 24.00 V I = 0.3086 A P = 7.406 W PF = 1.000 F=0.00 Hz





Sample : 24-1031-R
 Specification :
 Sample No. : 23
 Manufacturer :

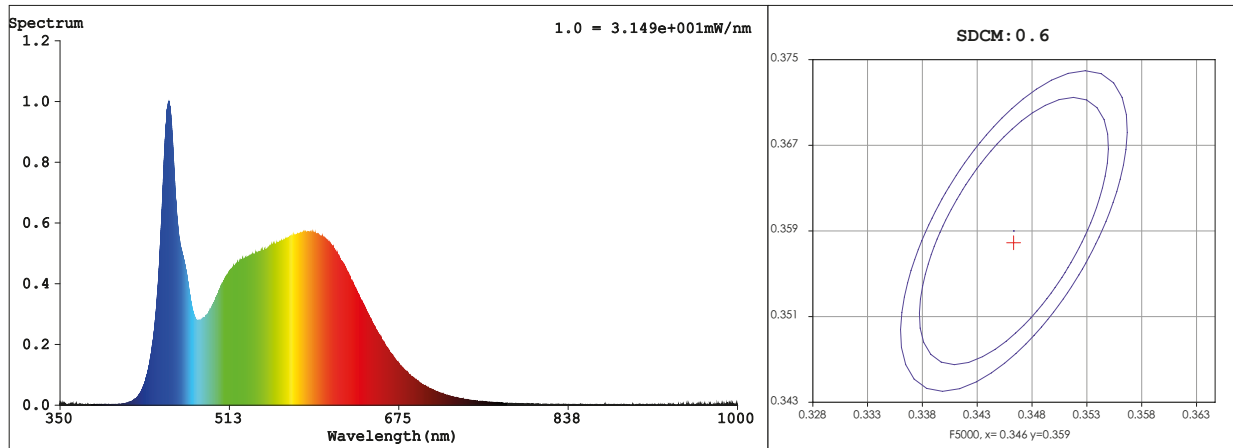
Date: 2022-01-08 14:17:48
 Sam. Status :
 Instrument : HAAS-2000(EVERFINE)
 Test by :
 Assessor : damin

Test Condition

Temperature : 25.3Deg
 WL Range : 350nm-1000nm
 Test Mode : Fast Test

RH : 65.0%
 IP : 44059 (67%)
 T : 943 ms
 Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3460$ $y = 0.3579$ / $u' = 0.2096$ $v' = 0.4879$ ($duv=2.79e-03$) $Dx, Dy: 0.0006, 0.0060$
 CCT= 4989K Prcp WL: $L_d=570.3nm$ Purity=11.2%
 Peak WL: $L_p=455nm$ FWHM: =21.6nm Ratio:R=16.1% G=78.8% B=5.1%

Render Index: $R_a = 85.0$ TM30:Rf=82 Rg=94

R1 =84 R2 =93 R3 =96 R4 =81 R5 =83 R6 =88 R7 =87
 R8 =68 R9 =16 R10=81 R11=81 R12=57 R13=87 R14=98 R15=78

Photometric & Radiometric Parameters

Flux = 1135.9 lm Eff. : 152.13 lm/W $F_e = 3.5402 W$
 Photons1: $3.733e+000$ umol/s(400~500nm) Photons2: $4.828e+000$ umol/s(600~700nm)
 Photosynthetic:PPF:15.943umol/s PRF WATT:3474mW(400-700nm)

Electrical parameters

V = 24.00 V I = 0.3111 A P = 7.467 W PF = 1.000 F=0.00 Hz

