



TECNQ**LED**^{MR}
Ilumina ahorrando®

CATÁLOGO 2017

ILUMINACIÓN LED & LÁMPARAS DECORATIVAS

TECNOLED^{MR}

Ilumina ahorrando

¿Quiénes somos?

TECNOLED es una marca registrada de productos de iluminación a base de tecnología LED. Creada con el firme propósito de distribuir luminarias LED de alta calidad y eficiencia. Ofreciendo soluciones rentables y de ahorro energético.

Misión

Distribuir en el mercado mexicano productos de iluminación LED de alta calidad y eficiencia, ofreciendo así a nuestros clientes soluciones rentables y de ahorro. Siempre comprometidos con nuestros valores, clientes, empleados y con la protección al medio ambiente.

Visión

Ser la empresa líder en iluminación LED de la república mexicana, siendo el modelo a seguir de toda empresa de iluminación en México, por nuestra innovación de productos y vanguardia en la calidad de nuestros productos y servicios.

Valores de Tecnoled

Para vivir diariamente nuestra misión, y con el fin de alcanzar nuestra visión nombramos los principales valores con los que los directivos así como los empleados de Tecnoled desempeñan sus labores, comprometidos siempre con ellos.

RESPONSABILIDAD

HONESTIDAD

EXCELENCIA

R E S P E T O

S E R V I C I O



LUMINARIA VIALIDAD

3 A 5 AÑOS DE GARANTIA



CLAVE	TEMPERATURA	VOLTAJE	WATTS	LUMINOSIDAD	ANGULO	MATERIAL	DIMENSIONES	IP
STL-30W	6500k	85 - 265 V~	30W	3000 Lm	140°	AL	365*135*84 mm	IP 65
STL-40W	6500k	85 - 265 V~	40W	4000 Lm	140°	AL	365*135*89 mm	IP 65
STLM-60W	6500k	85 - 265 V~	60W	6000 Lm	140°	AL	431*160*89 mm	IP 65
STLM-90W	6500k	85 - 265 V~	90W	9000 Lm	140°	AL	431*160*89 mm	IP 65
STLM-120W	6500k	85 - 265 V~	120W	12000 Lm	140°	AL	631*215*90 mm	IP 65

LUMINARIA VIALIDAD SOLAR

PANEL MONOCRISTALINO

2 AÑOS DE GARANTIA



CLAVE	TEMPERATURA	VOLTAJE	WATTS	LUMINOSIDAD	ANGULO	MATERIAL	DIMENSIONES	IP
SO-STR15W	6500k	8.4 V	15W	1500 Lm	140°	AL	410*215*55 mm	IP 65
SO-STR50W	6500k	12.6 V	50W	5000 Lm	140°	AL	907*363*44 mm	IP 65



REFLECTOR RXA

5 AÑOS DE GARANTIA



CLAVE	TEMPERATURA	VOLTAJE	WATTS	LUMINOSIDAD	ANGULO	MATERIAL	DIMENSIONES	TIPO SMD	IP
RXA-200W	6500k	100-277 V~	200W	22000 Lm	120 Grados	Aluminio	330*450* 120 mm	SMD 3030	IP 67

REFLECTORES SMD

3 AÑOS DE GARANTIA



CLAVE	TEMPERATURA	VOLTAJE	WATTS	LUMINOSIDAD	ANGULO	MATERIAL	DIMENSIONES	TIPO SMD	IP
ML-REF-10WSMD-BB/BC	6500k/3500K	85-265 V~	10 W	1000 Lm /900 Lm	140 Grados	Fe + Al.	113*85*77 mm	SMD 5730	IP 65
ML-REF-20WSMD-BB/BC	6500k/3500K	85-265 V~	20 W	1900 Lm /1750 Lm	140 Grados	Fe + Al.	180*140*100 mm	SMD 5730	IP 65
ML-REF-30WSMD-BB/BC	6500k/3500K	85-265 V~	30 W	2900 Lm /2700 Lm	140 Grados	Fe + Al.	224*185*110 mm	SMD 5730	IP 65
ML-REF-50WSMD-BB/BC	6500k/3500K	85-265 V~	50 W	4600 Lm/4350 Lm	140 Grados	Fe + Al.	283*233*117 mm	SMD 5730	IP 65

REFLECTORES SMD

3 AÑOS DE GARANTIA



CLAVE	TEMPERATURA	VOLTAJE	WATTS	LUMINOSIDAD	ANGULO	MATERIAL	DIMENSIONES	TIPO SMD	IP
ML-REF-100WSMD	6500k	85-265 V~	100 W	9000 Lm	140 Grados	Fe + Al.	384*284*170 mm	SMD 5730	IP 65
ML-REF-150WSMD	6500k	85-265 V~	150 W	13700 Lm	140 Grados	Fe + Al.	425*325*165 mm	SMD 5730	IP 65
ML-REF-200WSMD	6500k	85-265 V~	200 W	16700 Lm	140 Grados	Fe + Al.	425*325*170 mm	SMD 5730	IP 65
ML-REF-250WSMD	6500k	85-265 V~	250 W	20500 Lm	140 Grados	Fe + Al.	525*325*183 mm	SMD 5730	IP 65
ML-REF-300WSMD	6500k	85-265 V~	300 W	24000 Lm	140 Grados	Fe + Al.	597*325*190 mm	SMD 5730	IP 65
ML-REF-400WSMD	6500k	85-265 V~	400 W	32000 Lm	140 Grados	Fe + Al.	597*325*190 mm	SMD 5730	IP 65
ML-REF-500WSMD	6500k	85-265 V~	500 W	40000 Lm	140 Grados	Fe + Al.	820*330*190 mm	SMD 5730	IP 65

REFLECTORES SLIM SMD

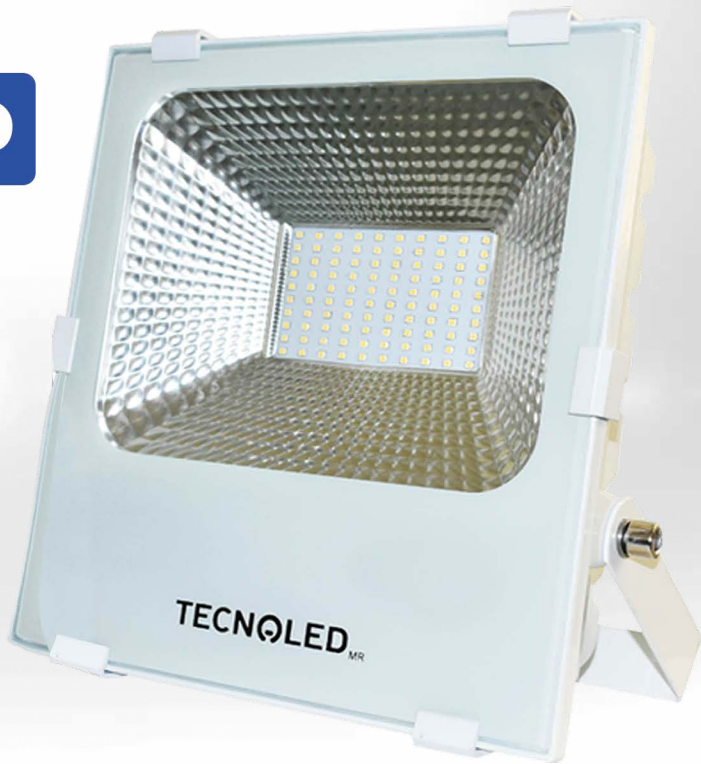
2 AÑOS DE GARANTIA



CLAVE	TEMPERATURA	VOLTAJE	WATTS	LUMINOSIDAD	ANGULO	MATERIAL	DIMENSIONES	TIPO SMD	IP
RAZ-50W-BB	6500k	85-265 V~	50W	4000 Lm	120 Grados	Fe + Al.	285*272*68 mm	SMD 5730	IP 65
RAZ-100W	6500k	85-265 V~	100W	8000 Lm	120 Grados	Fe + Al.	305*285*85 mm	SMD 5730	IP 65

REFLECTORES SLIM SMD

2 AÑOS DE GARANTIA



REFLECTOR SLIM SMD

2 AÑOS DE GARANTIA

CLAVE	TEMPERATURA	VOLTAJE	WATTS	LUMINOSIDAD	ANGULO	MATERIAL	DIMENSIONES	TIPO SMD	IP
RWY-B-50W-BB	6500k	85-265 V~	50W	4500W	120 Grados	Fe + Al.	285*272*mm	SMD 2835	IP 66
RWY-B-100W-BB	6500k	85-265 V~	100W	9000W	120 Grados	Fe + Al.	305*285*85mm	SMD 2835	IP 66
RWY-50W-BB	6500k	85-265 V~	50W	4500 Lm	120 Grados	Fe + Al.	205*250*60 mm	SMD 2835	IP 66
RWY-100W	6500k	85-265 V~	100W	9000 Lm	120 Grados	Fe + Al.	255*285*65 mm	SMD 2835	IP 66
RWY-200W	6500k	85-265 V~	200W	18000 Lm	120 Grados	Fe + Al.	360*410*80 mm	SMD 2835	IP 66

CLAVE	TEMPERATURA	VOLTAJE	WATTS	LUMINOSIDAD	MATERIAL	DIMENSIONES	TIPO DE SMD	IP
ML-RSL-10WSMDBB/BC	6500k/3500k	85-265 V~	10 W	950 Lm/ 900 Lm	Fe + Al.	111*85*40 mm	SMD 5730	IP 65
ML-RSL-20WSMDBB/BC	6500k/3500k	85-265 V~	20 W	2000 Lm/ 1850 Lm	Fe + Al.	181*140*44 mm	SMD 5730	IP 65
ML-RSL-30WSMDBB/BC	6500k/3500k	85-265 V~	30 W	3000 Lm/ 2750 Lm	Fe + Al.	226*186*52 mm	SMD 5730	IP 65
ML-RSL-50WSMDBB/BC	6500k/3500k	85-265 V~	50 W	5100 Lm/ 5000 Lm	Fe + Al.	290*238*62 mm	SMD 5730	IP 65
ML-RSL-100WSMD	6500k	85-265 V~	100 W	9400 Lm	Fe + Al.	337*299*75 mm	SMD 5730	IP 65

REFLECTORES SLIM SMD

2 AÑOS DE GARANTIA



CLAVE	TEMPERATURA	VOLTAJE	WATTS	LUMINOSIDAD	ANGULO	MATERIAL	DIMENSIONES	TIPO SMD	IP
RFI-B-10W-BB	6500k	85-265 V~	10W	900 Lm	120 Grados	Fe + Al.	120*95*33 mm	SMD 5730	IP 65
RFI-B-15W-BB	6500k	85-265 V~	15W	1275Lm	120 Grados	Fe + Al.	145*112*36mm	SMD 5730	IP 65
RFI-B-20W -BB	6500k	85-265 V~	20W	1800 Lm	120 Grados	Fe + Al.	170*127*35 mm	SMD 5730	IP 65
RFI-B-30W-BB	6500k	85-265 V~	30W	2700 Lm	120 Grados	Fe + Al.	215*157*38 mm	SMD 5730	IP 65
RFI-B-50W-BB	6500K	85-265 V~	50W	4500 Lm	120 Grados	Fe + Al.	252*190*43 mm	SMD 5730	IP 65

REFLECTORES SLIM SMD

2 AÑOS DE GARANTIA



CLAVE	TEMPERATURA	VOLTAJE	WATTS	LUMINOSIDAD	ANGULO	MATERIAL	DIMENSIONES	TIPO SMD	IP
RFI-10W-BB	6500k	85-265 V~	10W	900 Lm	120 Grados	Fe + Al.	120*95*33 mm	SMD 5730	IP 65
RFI-15W-BB	6500k	85-265 V~	15W	1275Lm	120 Grados	Fe + Al.	145*112*36mm	SMD 5730	IP 65
RFI-20W-BB	6500k	85-265 V~	20W	1800 Lm	120 Grados	Fe + Al.	170*127*35 mm	SMD 5730	IP 65
RFI-30W-BB	6500k	85-265 V~	30W	2700 Lm	120 Grados	Fe + Al.	215*157*38 mm	SMD 5730	IP 65
RFI-50W-BB	6500k	85-265 V~	50W	4500 Lm	120 Grados	Fe + Al.	252*190*43 mm	SMD 5730	IP 65
RFI-100W-BB	6500k	85-265 V~	100W	9000 Lm	120 Grados	Fe + Al.	334*258*55 mm	SMD 5730	IP 65
RFI-200W-BB	6500k	85-265 V~	200W	19000 Lm	120 Grados	Fe + Al.	450*330*80 mm	SMD 5730	IP 65

REFLECTORES RGB

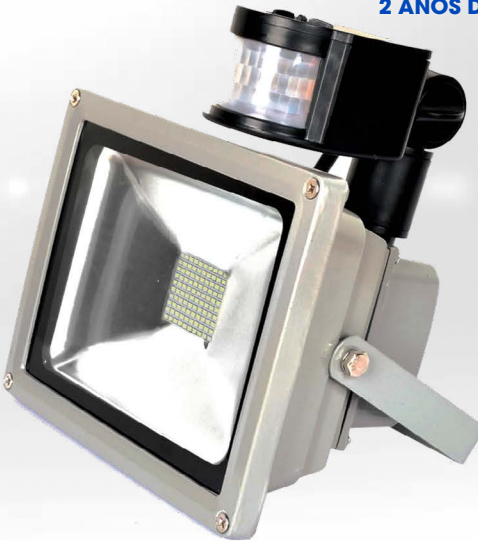
2 AÑOS DE GARANTIA



CLAVE	TEMPERATURA	VOLTAJE	WATTS	LUMINOSIDAD	ANGULO	MATERIAL	DIMENSIONES	TIPO DE LED	IP
ML-REF-10W-RG	RGB con control	85-265 V~	10 W	=	120 Grados	Fe + Al.	113*85*77 mm	LED HP	IP 65
ML-REF-20W-RG	RGB con control	85-265 V~	20 W	=	120 Grados	Fe + Al.	180*140*100 mm	LED HP	IP 65
ML-REF-30W-RG	RGB con control	85-265 V~	30 W	=	120 Grados	Fe + Al.	224*185*110 mm	LED HP	IP 65
ML-REF-50W-RG	RGB con control	85-265 V~	50 W	=	120 Grados	Fe + Al.	283*233*117 mm	LED HP	IP 65
ML-RSL-30W-RG	RGB con control	85-265 V~	30 W	=	120 Grados	Fe + Al.	226*186*52 mm	LED HP	IP 65
ML-RSL-50W-RG	RGB con control	85-265 V~	50 W	=	120 Grados	Fe + Al.	290*238*62 mm	LED HP	IP 65

REFLECTORES con sensor

2 AÑOS DE GARANTIA



CLAVE	TEMPERATURA	VOLTAJE	WATTS	LUMINOSIDAD	MATERIAL	DIMENSIONES	TIPO DE LED	IP
ML-REF-10W-BBSR	6500 k	85-265 V~	10 W	1000 Lm	Fe + Al.	114*85*80 mm	LED SMD	IP 65
ML-REF-20W-BBSR	6500 k	85-265 V~	20 W	1900 Lm	Fe + Al.	180*140*98 mm	LED SMD	IP 65
ML-REF-30W-BBSR	6500 k	85-265 V~	30 W	2900 Lm	Fe + Al.	224*185*123 mm	LED SMD	IP 65

REFLECTORES SMD

2 AÑOS DE GARANTIA



CLAVE	TEMPERATURA	VOLTAJE	WATTS	LUMINOSIDAD	ANGULO	MATERIAL	DIMENSIONES	IP
RML-50W-BB	6500 K	85 - 265 V~	50W	4700 Lm	30 Grados	AL + PC	250*110*42 mm	IP 65
RBX-30W-BB	6500 K	85 - 265 V~	30W	2850Lm	60 Grados	AL + PL	162*149*33 mm	IP 65
RBX-50W-BB	6500 K	85 - 265 V~	50W	4750 Lm	60 Grados	AL + PL	216*205*78 mm	IP 65
RBX-70W-BB	6500 K	85 - 265 V~	70W	6650 Lm	60 Grados	AL + PL	216*205*78 mm	IP 65

REFLECTORES SMD

2 AÑOS DE GARANTIA



CLAVE	TEMPERATURA	VOLTAJE	WATTS	LUMINOSIDAD	ANGULO	MATERIAL	DIMENSIONES	IP
RFLB-20W-BB/BC	6500k / 3500k	100-140 V~	20W	1700 / 1600 Lm	120 Grados	Fe + Al	140*122*30mm	IP 40
RFLB-30W-BB/BC	6500k / 3500k	100-140 V~	30W	2550 / 2400 Lm	120 Grados	Fe + Al	170*150*30mm	IP 40
RFLB-50W-BB/BC	6500k / 3500k	100-140 V~	50W	4250 / 4000 Lm	120 Grados	Fe + Al	210*180*30mm	IP 40

REFLECTORES SLIM

2 AÑOS DE GARANTIA

TECNOLED PLUS
Ilumina ahorrando



CLAVE	TEMPERATURA	VOLTAJE	WATTS	LUMINOSIDAD	ANGULO	MATERIAL	DIMENSIONES	IP
RZH-B-20W-BB	6500k	85 - 265 V~	20W	1800Lm	120°	Fe + Al.	135*115*35mm	IP65
RZH-B-30W-BB	6500k	85 - 265 V~	30W	2700Lm	120°	Fe + Al.	184*153*44mm	IP65
RZH-B-50W-BB	6500k	85 - 265 V~	50W	4500Lm	120°	Fe + Al.	230*194*50mm	IP65
RZH-B-100W	6500k	85 - 265 V~	100W	9000Lm	120°	Fe + Al.	285*239*54mm	IP65

TECNOLED PLUS
Ilumina ahorrando

CAMPANAS KH

5 AÑOS DE GARANTIA



CLAVE	TEMPERATURA	VOLTAJE	WATTS	LUMINOSIDAD	ANGULO	MATERIAL	DIMENSIONES	TIPO SMD	IP
KH-UF-150W	6000k	100-305 V~	150W	18600 Lm	120 Grados	Aluminio	ø330 H130 mm	SMD 3535	IP 65
KH-UF-200W	6000k	100-305 V~	200W	24800 Lm	120 Grados	Aluminio	ø330 H130 mm	SMD 3535	IP 65

CAMPANAS SMD

3 AÑOS DE GARANTIA



CLAVE	TEMPERATURA	VOLTAJE	WATTS	LUMINOSIDAD	ANGULO	MATERIAL	DIMENSIONES	SMD
ML-CAM-50WSMD	6500 k	85-265 V~	50 W	4700 Lm	120 Grados	Aluminio	ø450 H370 mm	SMD 5730
ML-CAM-100WSMD	6500 k	85-265 V~	100 W	9600 Lm	120 Grados	Aluminio	ø450 H400 mm	SMD 5730
ML-CAM-150WSMD	6500 k	85-265 V~	150 W	14400 Lm	120 Grados	Aluminio	ø494 H500 mm	SMD 5730
ML-CAM-200WSMD	6500 k	85-265 V~	200 W	19100 Lm	120 Grados	Aluminio	ø494 H500 mm	SMD 5730

CAMPANAS UFO

3 AÑOS DE GARANTIA



CLAVE	TEMPERATURA	VOLTAJE	WATTS	LUMINOSIDAD	ANGULO	MATERIAL	DIMENSIONES	TIPO SMD	IP
CAM-50W-UF	6500k	85-265 V~	50W	4500 Lm	120 Grados	Aluminio	ø235 H80 mm	SMD 3535	IP 65
CAM-100W-UF	6500k	85-265 V~	100W	9000 Lm	120 Grados	Aluminio	ø295 H90 mm	SMD 3535	IP 65
CAM-150W-UF	6500k	85-265 V~	150W	13500 Lm	120 Grados	Aluminio	ø345 H95 mm	SMD 3535	IP 65
CAM-200W-UF	6500k	85-265 V~	200W	18000 Lm	120 Grados	Aluminio	ø395 H105 mm	SMD 3535	IP 65

LUMINARIAS

2 AÑOS DE GARANTIA



FSL50W



FAL42W

CLAVE	TEMPERATURA	VOLTAJE	WATTS	LUMINOSIDAD	ANGULO	MATERIAL	DIMENSIONES	IP
FAL42W	6500k	100-240 V~	42W	4200 Lm	120 Grados	Aluminio	335*280*240 mm	IP 65
FSL50W	6500k	100-240 V~	50W	3600 Lm	120 Grados	Aluminio	372*250*150 mm	IP 65



FWL15W

CLAVE	TEMPERATURA	VOLTAJE	WATTS	LUMINOSIDAD	MATERIAL	DIMENSIONES	BASE	IP
FWL15W	5000k	90-260 V~	15W	1200 Lm	ABS+PC	278*172*80 mm	N/A	IP 55
FSP65W	N/A	100-240 V~	N/A	N/A	ABS+PS	245*285*150 mm	E27	IP 44
FSP85W	N/A	100-240 V~	N/A	N/A	ABS+PS	310*345*165 mm	E39	IP 44

LUMINARIAS

2 AÑOS DE GARANTIA



LÁMPARAS LED

3 AÑOS DE GARANTIA



CLAVE	TEMPERATURA	VOLTAJE	WATTS	LUMINOSIDAD	PF	ANGULO	MATERIAL	DIMENSIONES	BASE	IP
ML-TN-20W-BB	6500k	100-240 V~	20W	1800 Lm	0.9	270 Grados	Al + PMMA	ø80*145 mm	E27	IP 20
ML-TN-30W-BB	6500k	100-240 V~	30W	2700 Lm	0.9	270 Grados	Al + PMMA	ø100*185 mm	E27	IP 20
ML-TN-40W-BB	6500k	100-240 V~	40W	3600 Lm	0.9	270 Grados	Al + PMMA	ø120*210 mm	E27	IP 20
ML-TN-50W-BB	6500k	100-240 V~	50W	4500 Lm	0.9	270 Grados	Al + PMMA	ø140*230 mm	E27	IP 20

LÁMPARAS INDUSTRIALES

3 AÑOS DE GARANTIA



CLAVE	TEMPERATURA	VOLTAJE	WATTS	LUMINOSIDAD	PF	ANGULO	MATERIAL	DIMENSIONES	BASE	IP
ML-LN-60W-BB	6500k	100-240 V~	60W	5700 Lm	0.9	150 Grados	Al + PMMA	ø145*215 mm	E27	IP 20
ML-LN-80W-BB	6500k	100-240 V~	80W	7600 Lm	0.9	150 Grados	Al + PMMA	ø170*227 mm	E39	IP 20
ML-LN-100W-BB	6500k	100-240 V~	100W	9500 Lm	0.9	150 Grados	Al + PMMA	ø190*270 mm	E39	IP 20

BULBOS LED

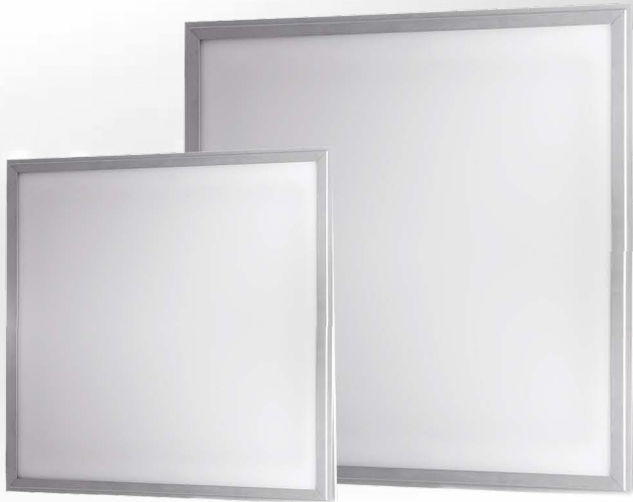
2 AÑOS DE GARANTIA



CLAVE	TEMPERATURA	VOLTAJE	WATTS	LUMINOSIDAD	PF	MATERIAL	DIMENSIONES	BASE	IP
ML-BUL-9W-BB	6500k	85 - 265 V~	9W	840 Lm	0.7	Aluminio + PC	ø60*108 mm	E27	IP 20
ML-TX-25W-BB	6500k	85 - 265 V~	25W	2150 Lm	0.9	Aluminio + PC	ø83*205 mm	E27	IP 20
ML-TB-35W-BB	6500k	85 - 265 V~	35W	3200 Lm	0.9	Aluminio + PC	ø88*290 mm	E27	IP 20

PANELES LED

2 AÑOS DE GARANTIA



CLAVE	TEMPERATURA	VOLTAJE	WATTS	LUMINOSIDAD	ANGULO	MATERIAL	DIMENSIONES	IP
ML-PA-30X30	6500K	100-240 V~	12 W	900 Lm	140 Grados	Aluminio + PMMA	298*298*10 mm	IP 44
ML-PA-30X120	6500K	100-240 V~	36 W	2700 Lm	140 Grados	Aluminio + PMMA	1195*295*10 mm	IP 44
ML-PA-60X60	6500K	100-240 V~	36 W	2800 Lm	140 Grados	Aluminio + PMMA	595*595*10 mm	IP 44
ML-PA-60X120	6500K	100-240 V~	72 W	5500 Lm	140 Grados	Aluminio + PMMA	1196*596*10 mm	IP 44
ML-PAGR-60X120	6500K	100-240 V~	72 W	4950 Lm	140 Grados	PMMA	1196*596*10 mm	IP 44
PLS-60X60	6500K	100-240 V~	36 W	3250 Lm	140 Grados	Aluminio + PMMA	595*595*10 mm	IP 44

TUBOS LED T8

3 AÑOS DE GARANTIA



CLAVE	BASE	TEMP.	VOLTAJE	WATTS	LUMINOSIDAD	ANGULO	MATERIAL	DIMENSIONES	TERMINADO	IP
ML-TU-G13-9W	G13	6500 k	85-265 V~	9 W	950 Lm	140 Grados	PC + Alum	606*26 mm	TRANSPARENTE	IP 20
ML-TU-TRA-18W	G13	6500 k	85-265 V~	18 W	1800 Lm	140 Grados	PC + Alum	1215*26 mm	TRANSPARENTE	IP 20
ML-TU-OPA-18W	G13	6500 k	85-265 V~	18 W	1700 Lm	140 Grados	PC + Alum	1216*26 mm	OPALINO	IP 20
ML-TU-TRA-20WBN	G13	4100 k	85-265 V~	20 W	1850 Lm	140 Grados	PC + Alum	1215*26 mm	TRANSPARENTE	IP 20
ML-TU-G13-28W	G13	6500 k	85-265 V~	28 W	2800 Lm	140 Grados	PC + Alum	1215*26 mm	TRANSPARENTE	IP 20
PLS-TU-TRA-18W	G13	6500 k	85-265 V~	18 W	2500 Lm	140 Grados	PC + Alum	1215*26 mm	TRANSPARENTE	IP 20

TUBOS T8 SLIM

3 AÑOS DE GARANTIA



CLAVE	BASE	TEMP.	VOLTAJE	WATTS	LUMINOSIDAD	ANGULO	MATERIAL	DIMENSIONES	TERMINADO	IP
ML-TU-SLM-20W	FA8	6500 k	85-265 V~	20 W	1850 Lm	140 Grados	PC + Alum.	1170*26 mm	TRANSPARENTE	IP 20
ML-TU-OPA-40W	FA8	6500 k	85-265 V~	40W	3700 Lm	140 Grados	PC + Alum.	2385*26 mm	OPALINO	IP 20
ML-TU-SLM-36W	FA8	6500 k	85-265 V~	36 W	3750 Lm	140 Grados	PC + Alum.	2385*26 mm	TRANSPARENTE	IP 20
ML-TU-SLM-48W	FA8	6500 k	85-265 V~	48 W	5000 Lm	140 Grados	PC + Alum.	2385*26 mm	TRANSPARENTE	IP 20

TUBOS DE CRISTAL T8 & T5

3 AÑOS DE GARANTIA



TUBOS T5 Y CURVALUM

3 AÑOS DE GARANTIA



CLAVE	BASE	TEMP.	VOLTAJE	WATTS	LUMINOSIDAD	ANGULO	TIPO DE SMD	DIMENSIONES	TERMINADO	IP
ML-TU-CR-9W-TR	G13	6500K	85-265 V~	9 W	950 Lm	270 grados	SMD 2835	605*26 mm	TRANSPARENTE	IP 20
ML-TU-CR-18W	G13	6500K	85-265 V~	18 W	1750 Lm	270 grados	SMD 2835	1212*26 mm	OPALINO	IP 20
ML-TU-CR-18W-TR	G13	6500K	85-265 V~	18 W	1800 Lm	270 grados	SMD 2835	1212*26 mm	TRANSPARENTE	IP 20
ML-T5-CR-9W	G5	6500K	90-140 V~	9 W	900 Lm	270 grados	SMD 3014	565*16 mm	OPALINO	IP 20
ML-T5-CR-9W-TR	G5	6500K	90-140 V~	9 W	1000 Lm	270 grados	SMD 3014	565*16 mm	TRANSPARENTE	IP 20
ML-T5-CR-18W	G5	6500K	90-140 V~	18 W	1750 Lm	270 grados	SMD 3014	1170*16 mm	OPALINO	IP 20
ML-T5-CR-18W-TR	G5	6500K	90-140 V~	18 W	1800 Lm	270 grados	SMD 3014	1170*16 mm	TRANSPARENTE	IP 20

CLAVE	BASE	TEMP.	VOLTAJE	WATTS	LUMINOSIDAD	ANGULO	MATERIAL	DIMENSIONES	TERMINADO	IP
ML-TU-T5-9W	G5	6500K	85-265 V~	9 W	900 Lm	140 Grados	PC + Alum	563 mm	OPALINO	IP 20
ML-TU-T5-9W-TR	G5	6500K	85-265 V~	9 W	950 Lm	140 Grados	PC + Alum	563 mm	TRANSPARENTE	IP 20
ML-TU-T5-18W-OP	G5	6500K	90-140 V~	18 W	1800 Lm	140 Grados	PC + Alum	1163 mm	OPALINO	IP 20
ML-TU-T5-18W-TR	G5	6500K	85-265 V~	18 W	1900 Lm	140 Grados	PC + Alum	1163 mm	TRANSPARENTE	IP 20
ML-TU-CUR-18W	G13	6500K	100-265 V~	18W	1900 Lm	140 Grados	PC + Alum	600 mm	TRANSPARENTE	IP 20

TUBOS INTEGRADOS T8 & T5

3 AÑOS DE GARANTIA



CLAVE	TUBO	TEMP.	VOLTAJE	WATTS	LUMINOSIDAD	ANGULO	MATERIAL	DIMENSIONES	TERMINADO	IP
ML-TU-INT-9W	T8	6500K	85-265 V~	9 W	1000 Lm	140 Grados	PC + Alum	600*31*33 mm	TRANSPARENTE	IP 20
ML-TU-INT-20W	T8	6500K	85-265 V~	20 W	2050 Lm	140 Grados	PC + Alum	1208*31*33 mm	TRANSPARENTE	IP 20
ML-TU-INT-40W	T8	6500K	85-265 V~	40 W	4100 Lm	140 Grados	PC + Alum	2390*31*33 mm	TRANSPARENTE	IP 20
ML-T5-INT-18W	T5	6500K	85-265 V~	18 W	1850 Lm	140 Grados	PC + Alum	1118*23*33 mm	TRANSPARENTE	IP 20

DOWNLIGHTS

2 AÑOS DE GARANTIA



CLAVE	TEMPERATURA	VOLTAJE	WATTS	LUMINOSIDAD	ANGULO	MATERIAL	DIMENSIONES	IP
ML-DL-7W-BB / BC	6500K / 3500K	85-265 V~	7 W	700 / 630 Lm	140 Grados	Aluminio + PMMA	Ø110*90*40 mm	IP 44
ML-DL-12W-BB / BC	6500K / 3500K	85-265 V~	12 W	1100 / 1000 Lm	140 Grados	Aluminio + PMMA	Ø148*102*45 mm	IP 44

DOWNLIGHT SLIM

2 AÑOS DE GARANTIA



CLAVE	TEMPERATURA	VOLTAJE	WATTS	LUMINOSIDAD	MATERIAL	DIMENSIONES	IP
ML-PDL-7W-BB / BC	6500K / 3500K	85-265 V~	7 W	550 / 500 Lm	Aluminio + PMMA	Ø118*104*20mm	IP 44
ML-PDL-12W-BB / BC	6500K / 3500K	85-265 V~	12 W	1050 / 980 Lm	Aluminio + PMMA	Ø172*153*24mm	IP 44
ML-PDL-18W-BB / BC	6500K / 3500K	85-265 V~	18 W	1600 / 1500 Lm	Aluminio + PMMA	Ø*225*200*25mm	IP 44
ML-PDSQ-12W-BB / BC	6500K / 3500K	85-265 V~	12 W	1050 / 980 Lm	Aluminio + PMMA	Ø*170*150*11mm	IP 44

CEILING LIGHT Y REPUESTO

2 AÑOS DE GARANTIA



CLAVE	TEMPERATURA	VOLTAJE	WATTS	LUMINOSIDAD	ANGULO	MATERIAL	DIMENSIONES	IP
ML-CL-3W-BB/BC	6500K / 3500K	85-265 V~	3 W	270 / 245 Lm	25 Grados	Aluminio	Ø69*60*44 mm	IP 44
ML-CL-5W-BB/BC	6500K / 3500K	85-265 V~	5 W	450 / 410 Lm	25 Grados	Aluminio	Ø85*75*44 mm	IP 44
ML-CL-7W-BB/BC	6500K / 3500K	85-265 V~	7 W	630 / 570 Lm	25 Grados	Aluminio	Ø108*65*84 mm	IP 44
ML-CL-9W-BB/BC	6500K / 3500K	85-265 V~	9 W	810 / 730 Lm	25 Grados	Aluminio	Ø109*90*61 mm	IP 44
ML-CL-12W-BB/BC	6500K / 3500K	85-265 V~	12 W	1000 / 900 Lm	25 Grados	Aluminio	Ø139*69*108 mm	IP 44
ML-RCL-12W-BB	6500k	85-265 V~	12 W	1000 Lm	120 Grados	Aluminio + PC	Ø166*21 mm	IP 44
ML-RCL-16W-BB	6500k	85-265 V~	16 W	1300 Lm	120 Grados	Aluminio + PC	Ø220*21mm	IP 44
ML-RCL-24W-BB	6500k	85-265 V~	24 W	2000 Lm	120 Grados	Aluminio + PC	Ø288*21 mm	IP 44

MANGUERAS LED 5050

1 AÑO DE GARANTIA



CLAVE	TEMPERATURA	VOLTAJE	WATTS	PRESENTACIÓN	MATERIAL	TIPO DE LED	IP
ML-ML25-BB/BC	6500 k / 3500 k	127V~	14.4W/m	Rollo de 25 m	Resina Trans	SMD 5050	IP 65
ML-ML25-BBE / BCE	6500 k / 3500 k	127V~	7.2W/m	Rollo de 25 m	Resina Trans	SMD 5050	IP 65
ML-ML25-RG	RGB	127V~	14.4W/m	Rollo de 25 m	Resina Trans	SMD 5050	IP 65

TIRAS LED 2835/5050

1 AÑO DE GARANTIA



CLAVE	TEMPERATURA	VOLTAJE	WATTS	LEDS/METRO	ACCESORIOS	PRESENTACIÓN	TIPO DE LED	IP
ML-T1-2835-300-BB/BC-NW	6500 K/ 3500 K	12Vcc	4.8 W/m	60 led/mt	-	Rollo de 5m	SMD 2835	IP 20
ML-T1-2835-300-BB/BC-WP	6500 K/ 3500 K	12Vcc	4.8 W/m	60 led/mt	-	Rollo de 5m	SMD 2835	IP 65
ML-T1-5050-300-BB-NW	6500 K	12Vcc	14.4 W/m	60 led/mt	-	Rollo de 5m	SMD 5050	IP 20
ML-T1-5050-300-BC-NW	3500 K	12Vcc	14.4 W/m	60 led/mt	-	Rollo de 5m	SMD 5050	IP 20
ML-T1-5050-300-BB-WP	6500 K	12Vcc	14.4 W/m	60 led/mt	-	Rollo de 5m	SMD 5050	IP 65
BL2835-300-BB-NW	6500 K	12Vcc	4.8 W/m	60 led/mt	Fuente 24 W	Blister de 5m	SMD 2835	IP 20
BL5050-300-BB-NW	6500 K	12Vcc	14.4 W/m	60 led/mt	Fuente 72 W	Blister de 5m	SMD 5050	IP 20
BL5050-300-BC-NW	3500 K	12Vcc	14.4 W/m	60 led/mt	Fuente 72 W	Blister de 5m	SMD 5050	IP 20

FUENTES DE PODER

1 AÑOS DE GARANTIA



CLAVE	VOLTAJE DE ENTRADA	POTENCIA	VOLTAJE SALIDA	MATERIAL	DIMENSIONES	IP
ML-FP-24W-12	85 - 240 V~	24 W	12 Vcc	Plástico con clavija	85*46*35 mm	IP 20
ML-FP-40W-12	90 - 260 V~	40 W	12 Vcc	Aluminio	85*58*33 mm	IP 20
ML-FP-60W-12	90 - 260 V~	60 W	12 Vcc	Aluminio	112*78*36 mm	IP 20
ML-FP-72W-12	85 - 240 V~	72 W	12 Vcc	Plástico con clavija	113*51*32 mm	IP 20
ML-FP-120W-12	90 - 260 V~	120 W	12 Vcc	Aluminio	160*97*43 mm	IP 20
ML-FP-150W-12	110 / 220 V~	150 W	12 Vcc	Aluminio	198*96*43 mm	IP 20
ML-FP-250W-12	110 / 220 V~	250 W	12 Vcc	Aluminio	200*110*50 mm	IP 20

LUMINARIAS Y GABINETES IP65

2 AÑOS DE GARANTIA



CLAVE	TEMPERATURA	VOLTAJE	WATTS	LUMINOSIDAD	ANGULO	MEDIDAS	IP
ML-GST3-IP65-A	6500 K	85-265 V~	36 W	3000 Lm	140 Grados	1210*75*68 mm	IP 65
ML-GST2-IP65	N/A	100-265 V~	36 W	N/A	140 Grados	1265*125*85 mm	IP 65
GST32W	6000K	85-265 V~	32 W	2700 Lm	140 Grados	1230*132*43 mm	IP 65

GABINETES

2 AÑOS DE GARANTIA



ML-WL-LT



ML-G120T8HR7



ML-G120T8HR6



ML-G120T8FG

Modelo:	ML-WL-LT	ML-G120T8HR7	ML-G120T8HR6	ML-G120T8FG
# Tubos:	3200 Lm	2XT8	2XT8	2XT8
Watts:	40 W	36 W	36 W	36 W
Voltaje:	85-265Vca	85-265Vca	85-265Vca	85-265Vca
Base:	Luminaria	G13	G13	G13
Medidas:	1230*132*43	1230*132*43	1230*132*43	1230*160*65
Tipo:	Sobrepuesto	Sobrepuesto	Sobrepuesto	Sobrepuesto



WALL-LAMPS

2 AÑOS DE GARANTIA



CLAVE	TEMPERATURA	VOLTAJE	WATTS	LUMINOSIDAD	ANGULO	MEDIDAS	IP
ML-WL-20W	6500 K	85-265 V~	20 W	1600 Lm	140 Grados	600 mm	IP 44
ML-WL-30W	6500 K	85-265 V~	30 W	2400 Lm	140 Grados	900 mm	IP 44
ML-WL-36W	6500 K	85-265 V~	36 W	2800 Lm	140 Grados	900 mm	IP 44
ML-WL-40W	6500 K	85-265 V~	40 W	3400 Lm	140 Grados	1200 mm	IP 44

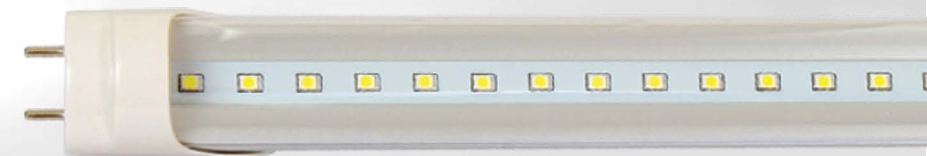


MARCA COMERCIAL



TUBOS DLM

2 AÑOS DE GARANTIA



CLAVE	COLOR	VOLTAJE	WATTS	LUMINOSIDAD	MATERIAL	DIMENSIONES
DL-TU9W-TR	6500K	85-265 V~	9 W	850 Lm	Aluminio + PC	606*26 mm
DL-TU18W-TR	6500K	85-265 V~	18 W	1550 Lm	Aluminio + PC	1215*26 mm
DL-TU36W-TR	6500K	85-265 V~	36 W	3100 Lm	Aluminio + PC	2385*26 mm
ML-TU-CR1	6500K	100-240 V~	18 W	1800 Lm	Cristal	1215*26 mm
ML-TU-OP-CR1	6500K	100-240 V~	18 W	1700 Lm	Cristal Opalino	1215*26 mm



TUBOS INTEGRADOS T8

2 AÑOS DE GARANTIA



CLAVE	TUBO	TEMP.	VOLTAJE	WATTS	LUMINOSIDAD	ANGULO	MATERIAL	DIMENSIONES	TERMINADO	IP
DLM-TU-INT-18W	T8	6500K	85-265 V~	18W	1850 Lm	140 Grados	PC + Alum	1208*31*33 mm	TRANSPARENTE	IP 20
DLM-TU-INT-36W	T8	6500K	85-265 V~	36W	3700Lm	140 Grados	PC + Alum	2390*31*33 mm	TRANSPARENTE	IP 20



PANEL DE LED

2 años de garantía



CLAVE	TEMPERATURA	VOLTAJE	WATTS	LUMINOSIDAD	MATERIAL	DIMENSIONES
PAMT-A	6500K	85-265 V~	36W	2550Lm	Aluminio + PMMA	595*595*10 mm



REFLECTORES

2 AÑOS DE GARANTIA



PANEL DOWNLIGHTS

2 AÑOS DE GARANTIA



CLAVE	TEMPERATURA	VOLTAJE	WATTS	LUMINOSIDAD	ANGULO	MATERIAL	DIMENSIONES	TIPO SMD	IP
RSL1-10WSMD-BB	6500k	85-265 V~	10 W	1000 Lm	140 Grados	Aluminio	113*85*77 mm	SMD 5730	IP 65
RSL1-20WSMD-BB	6500k	85-265 V~	20 W	2000 Lm	140 Grados	Aluminio	180*140*100 mm	SMD 5730	IP 65
RSL1-30WSMD-BB	6500k	85-265 V~	30 W	3000 Lm	140 Grados	Aluminio	224*185*110 mm	SMD 5730	IP 65
RSL1-50WSMD-BB	6500k	85-265 V~	50 W	5000 Lm	140 Grados	Aluminio	283*233*117 mm	SMD 5730	IP 65

CLAVE	TEMPERATURA	VOLTAJE	WATTS	LUMINOSIDAD	ANGULO	MATERIAL	DIMENSIONES	TIPO SMD	IP
DLM-PDL12WBB	6500k	85-265 V~	12W	900 Lm	120 Grados	Alum. + PMMA	Ø172*150*20mm	SMD 5730	IP 44
DLM-PDL18WBB	6500k	85-265 V~	18W	1350 Lm	120 Grados	Alum. + PMMA	Ø223*205*20mm	SMD 5730	IP 44
DLM-PDL24WBB	6500k	85-265 V~	24W	1800 Lm	120 Grados	Alum. + PMMA	Ø300*280*20mm	SMD 5730	IP 44
DLM-PSQ24WBB	6500k	85-265 V~	24W	1800 Lm	120 Grados	Alum. + PMMA	Ø300*280*20mm	SMD 5730	IP 44



DOWNLIGHTS SOBREPONER

2 AÑOS DE GARANTIA



CLAVE	TEMPERATURA	VOLTAJE	WATTS	LUMINOSIDAD	ANGULO	MATERIAL	DIMENSIONES	TIPO SMD	IP
DLM-DLSR12W	6500k	85-265 V~	12W	900 Lm	120 Grados	Alum. + PMMA	Ø170*33mm	SMD 5730	IP 44
DLM-DLSR18W	6500k	85-265 V~	18W	1350 Lm	120 Grados	Alum. + PMMA	Ø222*33mm	SMD 5730	IP 44
DLM-DLSR24W	6500k	85-265 V~	24W	1800 Lm	120 Grados	Alum. + PMMA	Ø300*33mm	SMD 5730	IP 44
DLM-DLSC12W	6500k	85-265 V~	12W	900 Lm	120 Grados	Alum. + PMMA	Ø170*33mm	SMD 5730	IP 44
DLM-DLSC18W	6500k	85-265 V~	18W	1350 Lm	120 Grados	Alum. + PMMA	Ø222*33mm	SMD 5730	IP 44
DLM-DLSC24W	6500k	85-265 V~	24W	1800 Lm	120 Grados	Alum. + PMMA	Ø300*33mm	SMD 5730	IP 44

TECNOLED
Ilumina ahorrando®

**LÁMPARAS
DECORATIVAS**





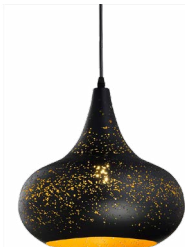
MODELO: LC602M
MEDIDAS: D400*H215



MODELO: LC602S
MEDIDAS: D300*H155



MODELO: LC513AW
MEDIDAS: D250*H380



MODELO: LC623M
MEDIDAS: D220*H300



MODELO: LC513AB
MEDIDAS: D250*H380



MODELO: LC513AG
MEDIDAS: D250*H380



MODELO: LC513C
MEDIDAS: D350*H295



MODELO: LC616A
MEDIDAS: D285*H170



MODELO: LC513B
MEDIDAS: D350*H340



MODELO: LC504W
MEDIDAS: D260*H200



MODELO: LC504S D260*H200
LC504M D360*H220



MODELO: LC616B
MEDIDAS: D220*H280



MODELO: LC505MR
MEDIDA: D285*H170



MODELO: LC517SB/LC517SM
MEDIDAS: D150*H180



MODELO: LC517XB / LC517XM
MEDIDAS: D280*H165



MODELO: LC505MB
MEDIDA: D285*H170



MODELO: LC502MM
MEDIDAS: D305*H280



MODELO: LC502MB
MEDIDAS: D305*H280



MODELO: LC523W
MEDIDAS: D350*H260



MODELO: LC523B
MEDIDAS: D350*H260



MODELO: LC582W
MEDIDAS: D330*H250



MODELO: LC582B
MEDIDAS: D330*H250



MODELO: LC583W
MEDIDAS: D450*H170



MODELO: LC583B
MEDIDAS: D450*H170



MODELO: LC531W D260*H360
LC531M D360*H420



MODELO: LC531B D260*H360
LC531D D360*H420



MODELO: LC531R
MEDIDAS: D260*H360



MODELO: LC507
MEDIDAS: D300*H250

FICHAS TÉCNICAS



MODELO: LC531C
MEDIDAS: D260*H360



MODELO: LC737A
MEDIDAS: D150*H320



MODELO: LC738A
MEDIDAS: D120*H220



MODELO: LC783A
MEDIDAS: D250*H250



MODELO: LC771B
MEDIDAS: D200*H320



MODELO: LC782A
MEDIDAS: D300*H150



MODELO: LC782D
MEDIDAS: D300*H150



MODELO: LC783C
MEDIDAS: D250*H250





TECNOLED
Ilumina ahorrando

Marca:	TECNOLED PLUS	Certificado:	NOM ANCE
Modelo:	RXA-200W	Garantía:	5 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	330*450*120mm
Rango de Voltaje:	100 - 277 V~	LED:	PHILIPS SMD 3030

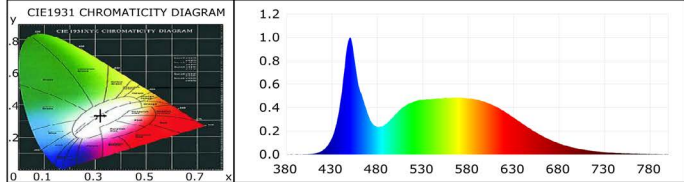
Product Infomation

Product Type: RWY-200W

Product Spec: 200W

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3207$ $y=0.3363$ $u(u')=0.2006$ $v=0.3156$ $v'=0.4734$
CCT: $T_c=6052K$ ($duv=-0.00298$)
Peak Wavelength: 450.1nm
Dominant Wavelength: 494.8nm
CRI: Ra: Ra= 85.8
R1 =86 R2 =86 R3 =84 R4 =92 R5 =86 R6 =79 R7 =92 R8 =81
R9 =31 R10=64 R11=92 R12=53 R13=85 R14=91 R15=84
Color Quality Scale: $Q_a=83.1$, $Q_f=82.9$, $Q_p=83.6$, $Q_g=93.0$
Q1 =87 Q2 =98 Q3 =79 Q4 =72 Q5 =79 Q6 =83 Q7 =89 Q8 =93
Q9 =95 Q10=87 Q11=83 Q12=82 Q13=83 Q14=77 Q15=81



Photometric Parameters

Luminous Flux: 22058.42 lm Efficiency: 110.68 lm/W Radiant Power: 70.780 W

Electric Parameters

Voltage: 219.40V Current: 0.9390A Power: 199.30W
Power Factor: 0.9670 Frequency: 60.00Hz

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 51551 (4205)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 32.57 ms

Av. Dr. R. Michel #850 Col. San Carlos, C.p. 44460, Guadalajara, Jalisco, México.
Teléfonos: +52 1 (33) 4444-1215, +52 1 (33) 1813-2277
ventas@tecnoledmexico.com



TECNOLED
Ilumina ahorrando

Marca:	TECNOLED	Certificado:	NOM ANCE
Modelo:	ML-REF-10WSMD-BB	Garantía:	2 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	113*85*77 mm
Rango de Voltaje:	85 - 265 V~	LED:	SMD 5730

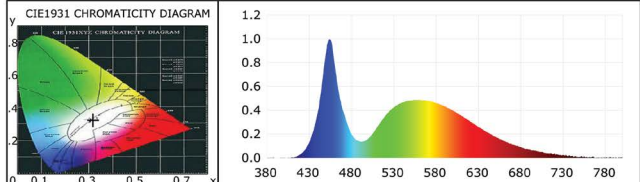
Product Infomation

Product Category: REFLECTOR SMD
Product Number: ML-REF-10WSMD-BB

Product Type: TECNOLED

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3178$ $y=0.3256$ $u(u')=0.2027$ $v=0.3115$ $v'=0.4672$
CCT: $T_c=6254K$ ($duv=-0.00114$)
Peak Wavelength: 453.9nm
Dominant Wavelength: 494.5nm
CRI: Ra: Ra= 78.8
R1 =79 R2 =81 R3 =75 R4 =83 R5 =77 R6 =69 R7 =90 R8 =76
R9 =13 R10=47 R11=77 R12=37 R13=79 R14=85 R15=80
Color Quality Scale: $Q_a=72.6$, $Q_f=71.8$, $Q_p=75.0$, $Q_g=89.8$
Q1 =85 Q2 =97 Q3 =67 Q4 =52 Q5 =62 Q6 =68 Q7 =80 Q8 =89
Q9 =89 Q10=77 Q11=68 Q12=70 Q13=73 Q14=70 Q15=77



Photometric Parameters

Luminous Flux: 1059.41 lm Efficiency: 92.69 lm/W Radiant Power: 3.384 W

Electric Parameters

Voltage: 219.80V Current: 0.0870A Power: 11.43W
Power Factor: 0.5940 Frequency: 60.00Hz

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 46336 (3315)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 450.76 ms

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Teléfonos: +52 1 (33) 4444-1215, +52 1 (33) 1813-2277
ventas@tecnoledmexico.com



TECNOLED
Ilumina ahorrando

Marca:	TECNOLED	Certificado:	NOM ANCE
Modelo:	ML-REF-20WSMD-BB	Garantía:	2 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	180*140*100 mm
Rango de Voltaje:	85 - 265 V~	LED:	SMD 5730

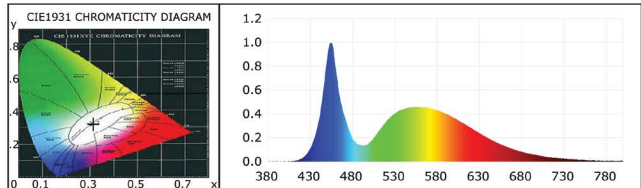
Product Infomation

Product Category: REFLECTOR SMD
Product Number: ML-REF-20WSMD-BB

Product Type: TECNOLED

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3139$ $y=0.3229$ $u(u')=0.2010$ $v=0.3101$ $v'=0.4652$
CCT: $T_c=6484K$ ($duv=-0.00059$)
Peak Wavelength: 454.3nm
Dominant Wavelength: 484.5nm
CRI: Ra: Ra= 78.9
R1 =79 R2 =81 R3 =76 R4 =82 R5 =77 R6 =69 R7 =90 R8 =76
R9 =13 R10=48 R11=77 R12=36 R13=79 R14=86 R15=80
Color Quality Scale: $Q_a=72.5$, $Q_f=71.8$, $Q_p=74.8$, $Q_g=89.3$
Q1 =85 Q2 =98 Q3 =68 Q4 =52 Q5 =61 Q6 =67 Q7 =80 Q8 =88
Q9 =90 Q10=78 Q11=69 Q12=70 Q13=74 Q14=70 Q15=77



Photometric Parameters

Luminous Flux: 2013.45 lm Efficiency: 91.85 lm/W Radiant Power: 6.476 W

Electric Parameters

Voltage: 219.90V Current: 0.1580A Power: 21.92W
Power Factor: 0.6300 Frequency: 60.00Hz

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 45438 (3062)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 218.80 ms



TECNOLED
Ilumina ahorrando

Marca:	TECNOLED	Certificado:	NOM ANCE
Modelo:	ML-REF-30WSMD-BB	Garantía:	2 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	224*185*110 mm
Rango de Voltaje:	85 - 265 V~	LED:	SMD 5730

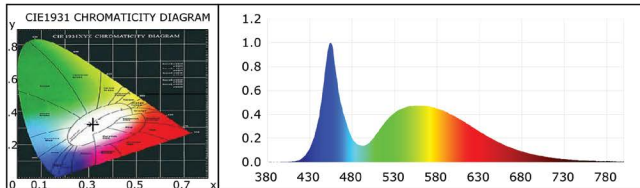
Product Infomation

Product Category: REFLECTOR SMD
Product Number: ML-REF-30WSMD-BB

Product Type: TECNOLED

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3177$ $y=0.3249$ $u(u')=0.2029$ $v=0.3112$ $v'=0.4669$
CCT: $T_c=6264K$ ($duv=-0.00143$)
Peak Wavelength: 454.4nm
Dominant Wavelength: 484.5nm
CRI: Ra: Ra= 79.5
R1 =80 R2 =82 R3 =76 R4 =83 R5 =77 R6 =70 R7 =91 R8 =77
R9 =17 R10=49 R11=78 R12=37 R13=80 R14=86 R15=81
Color Quality Scale: $Q_a=72.9$, $Q_f=72.2$, $Q_p=75.2$, $Q_g=89.9$
Q1 =85 Q2 =97 Q3 =67 Q4 =52 Q5 =62 Q6 =68 Q7 =81 Q8 =89
Q9 =90 Q10=78 Q11=69 Q12=70 Q13=74 Q14=71 Q15=77



Photometric Parameters

Luminous Flux: 3058.75 lm Efficiency: 93.83 lm/W Radiant Power: 9.845 W

Electric Parameters

Voltage: 220.20V Current: 0.2270A Power: 32.60W
Power Factor: 0.6530 Frequency: 60.00Hz

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 51645 (3043)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 170.09 ms

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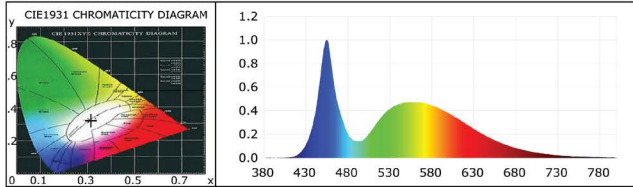
Marca:	TECNOLED	Certificado:	NOM ANCE
Modelo:	ML-REF-50WSMD-BB	Garantía:	2 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	283*233*117 mm
Rango de Voltaje:	85 - 265 V~	LED:	SMD 5730

Product Information

Product Category: REFLECTOR SMD
Product Number: ML-REF-50WSMD-BB
Product Type: TECNOLED

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3154$ $y=0.3256$ $u(u')=0.2010$ $v=0.3113$ $v'=0.4669$
CCT: $T_c=6382K$ ($duv=-0.00007$)
Peak Wavelength: 454.7nm
Dominant Wavelength: 486.0nm
CRI: Ra: 78.8
R1 =79 R2 =81 R3 =77 R4 =82 R5 =76 R6 =70 R7 =91 R8 =76
R9 =12 R10=49 R11=76 R12=36 R13=79 R14=86 R15=80
Color Quality Scale: Qa= 72.7, Qf= 72.1, Qp= 74.6, Qg= 89.0
Q1 =84 Q2 =98 Q3 =68 Q4 =53 Q5 =62 Q6 =67 Q7 =79 Q8 =88
Q9 =90 Q10=78 Q11=69 Q12=71 Q13=74 Q14=70 Q15=76



Photometric Parameters

Luminous Flux: 4681.01 lm
Efficiency: 96.14 lm/W
Radiant Power: 14.968 W

Electric Parameters

Voltage: 220.50V
Power Factor: 0.9630
Current: 0.2290A
Frequency: 59.99Hz
Power: 48.69W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 52654 (2847)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 112.99 ms



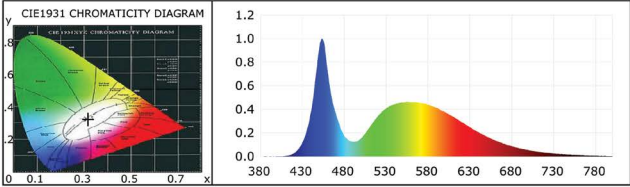
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Modelo:	ML-REF-100WSMD-BB	Garantía:	3 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	384*284*170 mm
Rango de Voltaje:	85 - 265 V~	LED:	SMD 5730

Product Information

Product Category: REFLECTOR SMD
Product Number: ML-REF-100WSMD-BB
Product Type: TECNOLED PLUS

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3174$ $y=0.3244$ $u(u')=0.2029$ $v=0.3110$ $v'=0.4665$
CCT: $T_c=6280K$ ($duv=-0.00159$)
Peak Wavelength: 453.5nm
Dominant Wavelength: 484.1nm
CRI: Ra: 78.7
R1 =79 R2 =80 R3 =75 R4 =83 R5 =77 R6 =69 R7 =90 R8 =77
R9 =15 R10=47 R11=78 R12=36 R13=79 R14=85 R15=81
Color Quality Scale: Qa= 72.4, Qf= 71.5, Qp= 75.1, Qg= 90.1
Q1 =86 Q2 =97 Q3 =66 Q4 =52 Q5 =62 Q6 =69 Q7 =81 Q8 =89
Q9 =89 Q10=76 Q11=68 Q12=69 Q13=73 Q14=70 Q15=77



Photometric Parameters

Luminous Flux: 8922.54 lm
Efficiency: 88.87 lm/W
Radiant Power: 28.621 W

Electric Parameters

Voltage: 219.50V
Power Factor: 0.9630
Current: 0.4740A
Frequency: 59.99Hz
Power: 100.40W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 48568 (2618)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 53.20 ms



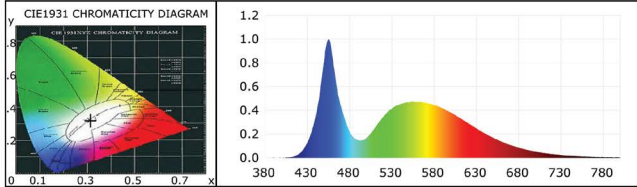
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Modelo:	ML-REF-150WSMD	Garantía:	3 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	425*325*165mm
Rango de Voltaje:	85 - 265 V~	LED:	SMD 5730

Product Information

Product Type: TECNOLED PLUS
Product Number: ML-REF-150W-SMD

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3141$ $y=0.3232$ $u(u')=0.2010$ $v=0.3103$ $v'=0.4654$
CCT: $T_c=6474K$ ($duv=-0.00053$)
Peak Wavelength: 455.2nm
Dominant Wavelength: 484.6nm
CRI: Ra: 79.6
R1 =80 R2 =82 R3 =77 R4 =83 R5 =77 R6 =71 R7 =91 R8 =77
R9 =15 R10=50 R11=77 R12=38 R13=80 R14=87 R15=81
Color Quality Scale: Qa= 73.1, Qf= 72.5, Qp= 75.0, Qg= 89.3
Q1 =85 Q2 =98 Q3 =69 Q4 =53 Q5 =62 Q6 =68 Q7 =80 Q8 =88
Q9 =90 Q10=79 Q11=70 Q12=71 Q13=74 Q14=71 Q15=77



Photometric Parameters

Luminous Flux: 13849.11 lm
Efficiency: 93.26 lm/W
Radiant Power: 32.882 W

Electric Parameters

Voltage: 126.30V
Power Factor: 0.9880
Current: 1.1757A
Frequency: 59.99Hz
Power: 148.50W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 44079 (3858)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 46.87 ms



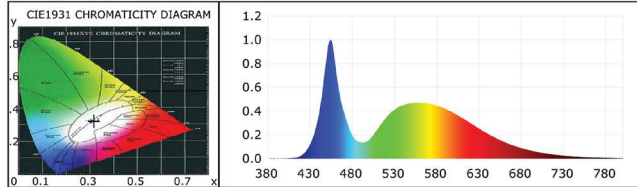
Marca:	TECNOLED PLUS	Certificado:	NOM ANCE
Modelo:	ML-REF-200WSMD-BB	Garantía:	3 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	425*325*170 mm
Rango de Voltaje:	85 - 265 V~	LED:	SMD 5730

Product Information

Product Category: REFLECTOR SMD
Product Number: ML-REF-200WSMD-BB
Product Type: TECNOLED PLUS

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3174$ $y=0.3248$ $u(u')=0.2027$ $v=0.3112$ $v'=0.4667$
CCT: $T_c=6278K$ ($duv=-0.00138$)
Peak Wavelength: 454.3nm
Dominant Wavelength: 484.5nm
CRI: Ra: 79.3
R1 =80 R2 =81 R3 =76 R4 =83 R5 =77 R6 =70 R7 =90 R8 =77
R9 =16 R10=49 R11=78 R12=37 R13=80 R14=86 R15=81
Color Quality Scale: Qa= 72.8, Qf= 72.1, Qp= 75.1, Qg= 89.9
Q1 =85 Q2 =97 Q3 =67 Q4 =52 Q5 =62 Q6 =68 Q7 =81 Q8 =89
Q9 =89 Q10=78 Q11=69 Q12=70 Q13=74 Q14=71 Q15=77



Photometric Parameters

Luminous Flux: 16686.36 lm
Efficiency: 85.09 lm/W
Radiant Power: 53.708 W

Electric Parameters

Voltage: 218.90V
Power Factor: 0.9600
Current: 0.9320A
Frequency: 60.00Hz
Power: 196.10W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 48358 (3257)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 29.02 ms



TECNOLED
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Marca:	TECNOLED PLUS	Certificado:	NOM ANCE
Modelo:	ML-REF-250WSMD-BB	Garantía:	3 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	525*325*183 mm
Rango de Voltaje:	85 - 265 V~	LED:	SMD 5730

Product Information

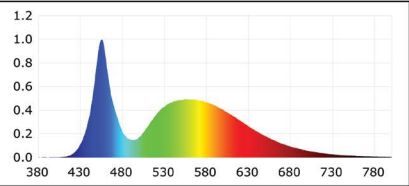
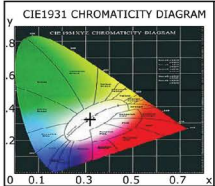
Product Category: REFLECTOR SMD
Product Number: ML-REF-250WSMD-BB

Product Type: TECNOLED PLUS

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3194 y=0.3304
CCT: Tc=6144K (duv=0.00058)
Peak Wavelength: 455.2nm
Dominant Wavelength: 498.9nm
CRI: Ra= 79.1

R1 =79 R2 =82 R3 =78 R4 =82 R5 =77 R6 =70 R7 =91 R8 =75
R9 =12 R10=50 R11=76 R12=37 R13=79 R14=87 R15=79
Color Quality Scale: Qa= 73.2, Qf= 72.8, Qp= 74.7, Qg= 89.0
Q1 =84 Q2 =98 Q3 =69 Q4 =54 Q5 =62 Q6 =68 Q7 =79 Q8 =88
Q9 =91 Q10=79 Q11=71 Q12=72 Q13=74 Q14=70 Q15=76



Photometric Parameters

Luminous Flux: 20471.00 lm Efficiency: 83.35 lm/W Radiant Power: 65.215 W

Electric Parameters

Voltage: 219.30V Current: 1.1670A Power: 245.60W
Power Factor: 0.9610 Frequency: 60.00Hz

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 54415 (3232)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 27.98 ms



TECNOLED
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Marca:	TECNOLED PLUS	Certificado:	NOM ANCE
Modelo:	ML-REF-300WSMD-BB	Garantía:	3 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	597*325*190 mm
Rango de Voltaje:	85 - 265 V~	LED:	SMD 5730
Vida Útil:	35000 h		

Product Information

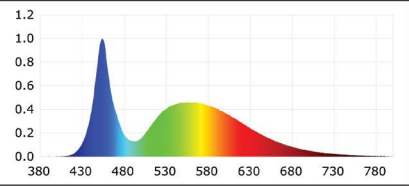
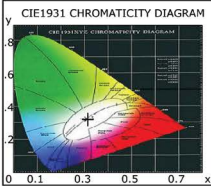
Product Category: REFLECTOR SMD
Product Number: ML-REF-300WSMD-BB

Product Type: TECNOLED PLUS

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3154 y=0.3236
CCT: Tc=6398K (duv=-0.00094)
Peak Wavelength: 453.8nm
Dominant Wavelength: 484.5nm
CRI: Ra= 78.7

R1 =79 R2 =81 R3 =75 R4 =83 R5 =77 R6 =69 R7 =90 R8 =76
R9 =13 R10=47 R11=77 R12=36 R13=79 R14=86 R15=80
Color Quality Scale: Qa= 72.4, Qf= 71.6, Qp= 74.9, Qg= 89.6
Q1 =85 Q2 =97 Q3 =67 Q4 =52 Q5 =62 Q6 =68 Q7 =80 Q8 =88
Q9 =89 Q10=77 Q11=68 Q12=70 Q13=73 Q14=70 Q15=76



Photometric Parameters

Luminous Flux: 23763.84 lm Efficiency: 78.43 lm/W Radiant Power: 76.059 W

Electric Parameters

Voltage: 218.50V Current: 1.4430A Power: 303.00W
Power Factor: 0.9600 Frequency: 60.00Hz

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 49015 (2513)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 20.00 ms



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Marca:	TECNOLED	Certificado:	NOM ANCE
Modelo:	RAZ-100W-BB	Garantía:	2 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	334*258*55 mm
Rango de Voltaje:	85 - 265 V~	LED:	SMD 5730

Product Information

Product Type: RAZ-100W
Product Number: 9

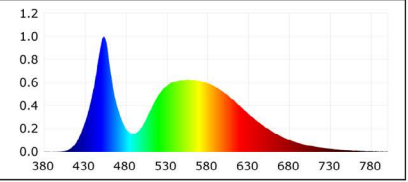
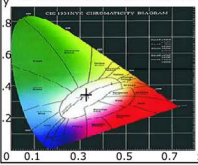
Product Spec: 100W

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3273 y=0.3456
CCT: Tc=5724K (duv=0.00458)
Peak Wavelength: 453.1nm
Dominant Wavelength: 535.2nm
CRI: Ra= 75.5

R1 =75 R2 =76 R3 =74 R4 =81 R5 =74 R6 =66 R7 =87 R8 =70
R9 =0 R10=40 R11=77 R12=37 R13=74 R14=85 R15=72
Color Quality Scale: Qa= 73.3, Qf= 73.0, Qp= 74.5, Qg= 88.5
Q1 =83 Q2 =97 Q3 =68 Q4 =57 Q5 =66 Q6 =71 Q7 =79 Q8 =87
Q9 =91 Q10=77 Q11=70 Q12=72 Q13=74 Q14=65 Q15=72

CIE1931 CHROMATICITY DIAGRAM



Photometric Parameters

Luminous Flux: 9089.07 lm Efficiency: 82.78 lm/W Radiant Power: 27.724 W

Electric Parameters

Voltage: 126.50V Current: 0.8790A Power: 109.80W
Power Factor: 0.9870 Frequency: 60.00Hz

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 46397 (4438)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 84.51 ms

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Marca:	TECNOLED	Certificado:	NOM ANCE
Modelo:	RWY-100W	Garantía:	2 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	255*285*65 mm
Rango de Voltaje:	85 - 265 V~	LED:	SMD 5730

Product Information

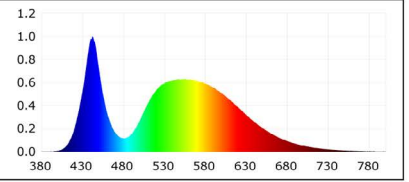
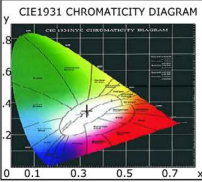
Product Type: RWY-100W
Product Number: 13

Product Spec: 100W

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3292 y=0.3525
CCT: Tc=5640K (duv=0.00716)
Peak Wavelength: 442.3nm
Dominant Wavelength: 542.2nm
CRI: Ra= 70.8

R1 =71 R2 =70 R3 =69 R4 =77 R5 =73 R6 =62 R7 =78 R8 =66
R9 =0 R10=28 R11=79 R12=41 R13=68 R14=82 R15=66
Color Quality Scale: Qa= 73.8, Qf= 73.1, Qp= 76.3, Qg= 89.7
Q1 =80 Q2 =94 Q3 =69 Q4 =65 Q5 =73 Q6 =75 Q7 =80 Q8 =88
Q9 =89 Q10=74 Q11=69 Q12=71 Q13=73 Q14=61 Q15=69



Photometric Parameters

Luminous Flux: 9719.64 lm Efficiency: 86.63 lm/W Radiant Power: 29.356 W

Electric Parameters

Voltage: 126.50V Current: 0.8960A Power: 112.20W
Power Factor: 0.9900 Frequency: 59.99Hz

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 47858 (4463)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 84.51 ms

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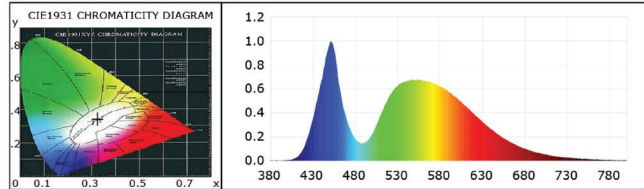
Marca:	TECNOLED	Certificado:	NOM ANCE
Modelo:	ML-RSL-30WSMD	Garantía:	2 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	226*186*52 mm
Rango de Voltaje:	85 - 265 V~	LED:	SMD 5730

Product Information

Product Category: REFLECTOR SLIM
Product Number: ML-RSL-30WSMD
Product Type: TECNOLED

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3241$ $y=0.3479$ $u(u')=0.1987$ $v=0.3198$ $v'=0.4797$
CCT: $T_c=5860K$ ($duv=0.00718$)
Peak Wavelength: 451.1nm
Dominant Wavelength: 514.5nm
CRI: Ra= 72.3
R1 =71 R2 =73 R3 =71 R4 =78 R5 =72 R6 =63 R7 =84 R8 =67
R9 =0 R10=32 R11=74 R12=34 R13=70 R14=83 R15=68
Color Quality Scale: Qa= 72.0, Qf= 71.6, Qp= 73.3, Qg= 87.4
Q1 =82 Q2 =96 Q3 =67 Q4 =57 Q5 =66 Q6 =70 Q7 =77 Q8 =86
Q9 =90 Q10=75 Q11=68 Q12=70 Q13=73 Q14=61 Q15=70



Photometric Parameters

Luminous Flux: 3178.34 lm
Efficiency: 96.90 lm/W
Radiant Power: 9.562 W

Electric Parameters

Voltage: 126.90V
Power Factor: 0.8720
Current: 0.2960A
Frequency: 59.99Hz
Power: 32.80W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 44188 (4340)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 209.00 ms



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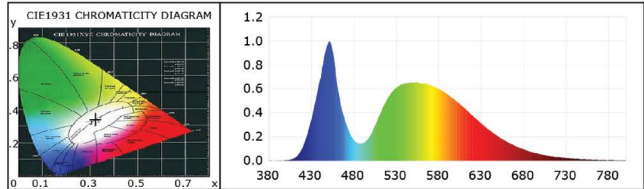
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Modelo:	ML-RSL-50WSMD	Garantía:	2 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	290*238*62 mm
Rango de Voltaje:	85 - 265 V~	LED:	SMD 5730

Product Information

Product Category: REFLECTOR SLIM
Product Number: ML-RSL-50WSMD
Product Type: TECNOLED

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3221$ $y=0.3454$ $u(u')=0.1982$ $v=0.3188$ $v'=0.4782$
CCT: $T_c=5956K$ ($duv=0.00690$)
Peak Wavelength: 451.0nm
Dominant Wavelength: 506.7nm
CRI: Ra= 72.2
R1 =71 R2 =72 R3 =71 R4 =79 R5 =72 R6 =62 R7 =83 R8 =68
R9 =0 R10=31 R11=75 R12=34 R13=70 R14=83 R15=68
Color Quality Scale: Qa= 71.9, Qf= 71.5, Qp= 73.5, Qg= 87.6
Q1 =82 Q2 =96 Q3 =67 Q4 =57 Q5 =66 Q6 =71 Q7 =78 Q8 =87
Q9 =90 Q10=74 Q11=68 Q12=70 Q13=72 Q14=62 Q15=70



Photometric Parameters

Luminous Flux: 5321.52 lm
Efficiency: 93.95 lm/W
Radiant Power: 16.043 W

Electric Parameters

Voltage: 126.80V
Power Factor: 0.9150
Current: 0.4880A
Frequency: 60.00Hz
Power: 56.64W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 44337 (4148)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 121.24 ms



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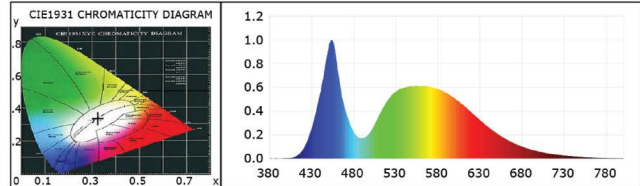
Marca:	TECNOLED	Certificado:	NOM ANCE
Modelo:	ML-RSL-100W-SMD	Garantía:	2 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	337*299*75 mm
Rango de Voltaje:	85 - 265 V~	LED:	SMD 5730

Product Information

Product Type: TECNOLED
Product Number: ML-RSL-100W-SMD

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3243$ $y=0.3412$ $u(u')=0.2012$ $v=0.3176$ $v'=0.4764$
CCT: $T_c=5868K$ ($duv=0.00381$)
Peak Wavelength: 453.7nm
Dominant Wavelength: 503.6nm
CRI: Ra= 76.7
R1 =76 R2 =78 R3 =75 R4 =82 R5 =75 R6 =68 R7 =88 R8 =71
R9 =0 R10=43 R11=78 R12=38 R13=75 R14=86 R15=74
Color Quality Scale: Qa= 73.9, Qf= 73.6, Qp= 75.0, Qg= 88.7
Q1 =83 Q2 =97 Q3 =69 Q4 =58 Q5 =67 Q6 =71 Q7 =80 Q8 =88
Q9 =91 Q10=78 Q11=71 Q12=72 Q13=75 Q14=66 Q15=73



Photometric Parameters

Luminous Flux: 9573.92 lm
Efficiency: 86.49 lm/W
Radiant Power: 29.503 W

Electric Parameters

Voltage: 126.50V
Power Factor: 0.9030
Current: 0.9700A
Frequency: 59.98Hz
Power: 110.70W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 46679 (3614)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 68.77 ms



TECNOLED[®]
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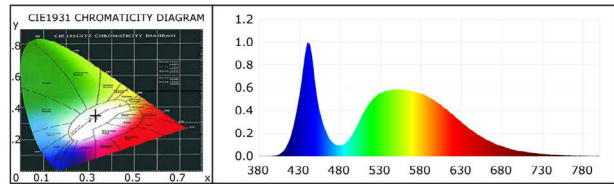
Marca:	TECNOLED	Certificado:	NOM ANCE
Modelo:	RFI-50W-BB	Garantía:	2 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	252*190*43 mm
Rango de Voltaje:	85 - 265 V~	LED:	SMD 5730

Product Information

Product Type: RFI-B-50W-BB
Product Number: 1
Product Spec: 50W

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3299$ $y=0.3527$ $u(u')=0.2008$ $v=0.3220$ $v'=0.4829$
CCT: $T_c=5608K$ ($duv=0.00694$)
Peak Wavelength: 440.0nm
Dominant Wavelength: 544.8nm
CRI: Ra= 69.8
R1 =71 R2 =69 R3 =67 R4 =76 R5 =73 R6 =61 R7 =76 R8 =65
R9 =0 R10=26 R11=79 R12=41 R13=67 R14=81 R15=65
Color Quality Scale: Qa= 73.5, Qf= 72.6, Qp= 76.5, Qg= 90.1
Q1 =80 Q2 =93 Q3 =68 Q4 =66 Q5 =73 Q6 =75 Q7 =79 Q8 =88
Q9 =89 Q10=73 Q11=69 Q12=70 Q13=73 Q14=61 Q15=69



Photometric Parameters

Luminous Flux: 5096.88 lm
Efficiency: 99.37 lm/W
Radiant Power: 15.405 W

Electric Parameters

Voltage: 127.00V
Power Factor: 0.9940
Current: 0.4070A
Frequency: 60.00Hz
Power: 51.29W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 41799 (4841)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 131.39 ms

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ventas@tecnoledmexico.com



TECNOLEDSM
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Marca:	TECNOLED	Certificado:	NOM ANCE
Modelo:	RFI-100W-BB	Garantía:	2 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	334*258*55 mm
Rango de Voltaje:	85 - 265 V~	LED:	SMD 5730



TECNOLEDSM
Ilumina ahorrando

Marca:	TECNOLED PLUS	Certificado:	NOM ANCE
Modelo:	KH-UF-150W	Garantía:	3 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	ø330 H130 mm
Rango de Voltaje:	100-305 V~	LED:	SMD 3030

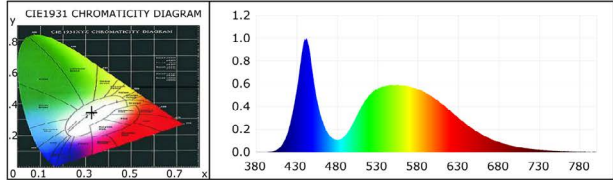
Product Information

Product Type: RFI-100W
Product Number: 16

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3262 y=0.3464
CCT: Tc=5774K (duv=0.00556)
Peak Wavelength: 442.1nm
Dominant Wavelength: 518.5nm
CRI: Ra= 71.0

R1 =72	R2 =70	R3 =68	R4 =77	R5 =74	R6 =62	R7 =77	R8 =67
R9 =0	R10=28	R11=80	R12=43	R13=69	R14=81	R15=67	
Color Quality Scale: Qa= 73.8, Qf= 72.8, Qp= 77.1, Qg= 90.6							
Q1 =81	Q2 =93	Q3 =68	Q4 =65	Q5 =73	Q6 =76	Q7 =80	Q8 =89
Q9 =89	Q10=73	Q11=68	Q12=70	Q13=73	Q14=62	Q15=70	



Photometric Parameters

Luminous Flux: 9350.31 lm Efficiency: 91.76 lm/W Radiant Power: 28.659 W

Electric Parameters

Voltage: 126.60V Current: 0.8090A Power: 101.90W
Power Factor: 0.9950 Frequency: 60.00Hz

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 49030 (4472)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 84.51 ms

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ventas@tecnoledmexico.com

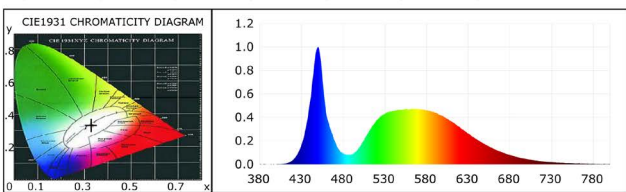
Product Infomation

Product Type: KH-UF-150W
Product Number: 34

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3292 y=0.3364
CCT: Tc=5650K (duv=-0.00091)
Peak Wavelength: 449.6nm
Dominant Wavelength: 501.8nm
CRI: Ra= 74.6

R1 =76	R2 =75	R3 =69	R4 =82	R5 =76	R6 =64	R7 =83	R8 =72
R9 =0	R10=36	R11=80	R12=34	R13=74	R14=82	R15=75	
Color Quality Scale: Qa= 71.7, Qf= 70.4, Qp= 75.3, Qg= 91.5							
Q1 =84	Q2 =94	Q3 =62	Q4 =54	Q5 =67	Q6 =73	Q7 =81	Q8 =89
Q9 =87	Q10=72	Q11=66	Q12=68	Q13=72	Q14=66	Q15=74	



Photometric Parameters

Luminous Flux: 18637.59 lm Efficiency: 125.51 lm/W Radiant Power: 57.195 W

Electric Parameters

Voltage: 219.60V Current: 0.6970A Power: 148.50W
Power Factor: 0.9700 Frequency: 59.99Hz

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 45414 (3373)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 30.26 ms



TECNOLEDSM
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Marca:	TECNOLED PLUS	Certificado:	NOM ANCE
Modelo:	ML-CAM-50WSMD	Garantía:	3 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	Ø450*370 mm
Rango de Voltaje:	85 - 265 V~	LED:	SMD 5730

Product Infomation

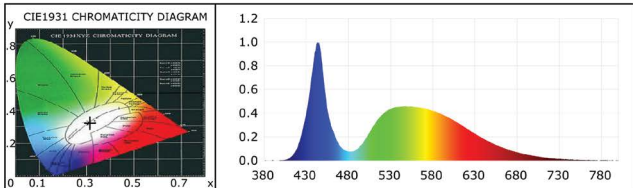
Product Type: TECNOLED PLUS

Product Number: ML-CAM-50WSMD

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3146 y=0.3254
CCT: Tc=6426K (duv=0.00037)
Peak Wavelength: 443.1nm
Dominant Wavelength: 486.1nm
CRI: Ra= 71.4

R1 =76	R2 =70	R3 =63	R4 =77	R5 =77	R6 =61	R7 =76	R8 =71
R9 =0	R10=26	R11=81	R12=40	R13=71	R14=79	R15=73	
Color Quality Scale: Qa= 72.3, Qf= 70.1, Qp= 78.1, Qg= 92.6							
Q1 =84	Q2 =91	Q3 =63	Q4 =58	Q5 =71	Q6 =76	Q7 =81	Q8 =91
Q9 =85	Q10=69	Q11=64	Q12=67	Q13=72	Q14=66	Q15=74	



Photometric Parameters

Luminous Flux: 4771.62 lm Efficiency: 99.26 lm/W Radiant Power: 15.109 W

Electric Parameters

Voltage: 126.80V Current: 0.3820A Power: 48.07W
Power Factor: 0.9920 Frequency: 60.00Hz

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 45998 (3874)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 100.88 ms



TECNOLEDSM
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Marca:	TECNOLED PLUS	Certificado:	NOM ANCE
Modelo:	ML-CAM-100WSMD	Garantía:	3 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	Ø450*400 mm
Rango de Voltaje:	85 - 265 V~	LED:	SMD 5730

Product Infomation

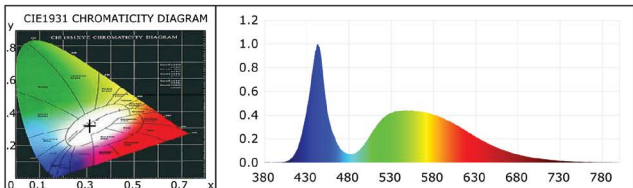
Product Type: TECNOLED PLUS

Product Number: ML-CAM-100WSMD

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3124 y=0.3199
CCT: Tc=6600K (duv=-0.00138)
Peak Wavelength: 442.8nm
Dominant Wavelength: 492.3nm
CRI: Ra= 71.2

R1 =77	R2 =70	R3 =61	R4 =77	R5 =78	R6 =61	R7 =75	R8 =72
R9 =2	R10=25	R11=82	R12=41	R13=72	R14=78	R15=74	
Color Quality Scale: Qa= 72.0, Qf= 69.3, Qp= 78.8, Qg= 93.4							
Q1 =84	Q2 =90	Q3 =63	Q4 =58	Q5 =72	Q6 =77	Q7 =81	Q8 =91
Q9 =84	Q10=68	Q11=62	Q12=65	Q13=71	Q14=66	Q15=75	



Photometric Parameters

Luminous Flux: 9603.59 lm Efficiency: 101.84 lm/W Radiant Power: 30.950 W

Electric Parameters

Voltage: 126.80V Current: 0.7500A Power: 94.30W
Power Factor: 0.9920 Frequency: 60.00Hz

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 44806 (3797)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 47.35 ms



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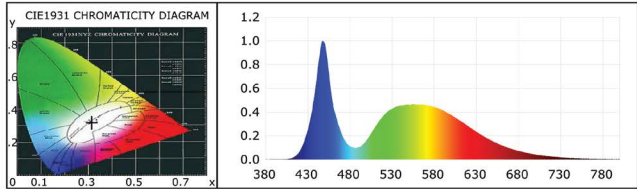
Marca:	TECNOLED PLUS	Certificado:	NOM ANCE
Modelo:	ML-CAM-150WSMD	Garantía:	3 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	Ø494*400 mm
Rango de Voltaje:	85 - 265 V~	LED:	SMD 5730

Product Infomation

Product Type: TECNOLED PLUS Product Number: ML-CAM-150WSMD

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3146 y=0.3216 u(u')=0.2020 v=0.3097 v'=0.4646
CCT: Tc=6456K (duv=-0.00163) Color Ratio: R=0.128 G=0.833 B=0.039
Peak Wavelength: 447.6nm Half Bandwidth: 21.9nm
Dominant Wavelength: 483.2nm Color Purity: 0.073
CRI: Ra= 74.6
R1 =77 R2 =74 R3 =67 R4 =82 R5 =77 R6 =64 R7 =82 R8 =74
R9 =2 R10=34 R11=81 R12=37 R13=74 R14=81 R15=76
Color Quality Scale: Qa= 71.5, Qf= 69.8, Qp= 76.1, Qg= 91.4
Q1 =85 Q2 =93 Q3 =63 Q4 =53 Q5 =66 Q6 =74 Q7 =82 Q8 =90
Q9 =86 Q10=71 Q11=64 Q12=66 Q13=71 Q14=66 Q15=75



Photometric Parameters

Luminous Flux: 14425.42 lm Efficiency: 95.03 lm/W Radiant Power: 45.847 W

Electric Parameters

Voltage: 219.30V Current: 0.7090A Power: 151.80W
Power Factor: 0.9760 Frequency: 60.00Hz

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 46706 (3444)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 31.47 ms



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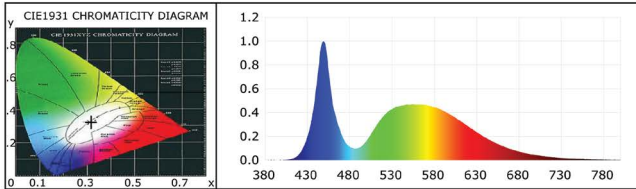
Marca:	TECNOLED PLUS	Certificado:	NOM ANCE
Modelo:	ML-CAM-200WSMD	Garantía:	3 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	Ø494*500 mm
Rango de Voltaje:	85 - 265 V~	LED:	SMD 5730

Product Infomation

Product Type: TECNOLED PLUS Product Number: ML-CAM-200WSMD

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3173 y=0.3272 u(u')=0.2017 v=0.3120 v'=0.4680
CCT: Tc=6268K (duv=-0.00006) Color Ratio: R=0.128 G=0.834 B=0.039
Peak Wavelength: 448.7nm Half Bandwidth: 20.7nm
Dominant Wavelength: 486.7nm Color Purity: 0.059
CRI: Ra= 74.4
R1 =76 R2 =74 R3 =69 R4 =82 R5 =76 R6 =64 R7 =83 R8 =72
R9 =0 R10=35 R11=80 R12=35 R13=74 R14=82 R15=75
Color Quality Scale: Qa= 71.5, Qf= 70.1, Qp= 75.3, Qg= 90.5
Q1 =85 Q2 =94 Q3 =63 Q4 =53 Q5 =66 Q6 =73 Q7 =81 Q8 =89
Q9 =87 Q10=72 Q11=65 Q12=67 Q13=71 Q14=65 Q15=74



Photometric Parameters

Luminous Flux: 19151.94 lm Efficiency: 95.95 lm/W Radiant Power: 59.867 W

Electric Parameters

Voltage: 219.70V Current: 0.9220A Power: 199.60W
Power Factor: 0.9860 Frequency: 60.00Hz

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 49873 (3465)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 25.33 ms



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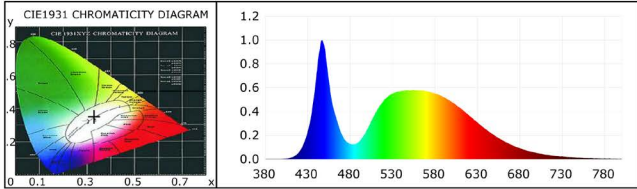
Marca:	TECNOLED PLUS	Certificado:	NOM ANCE
Modelo:	CAM-100W-UF	Garantía:	3 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	Ø295*90 mm
Rango de Voltaje:	85 - 265 V~	LED:	SMD 3535

Product Infomation

Product Type: CAM-100W-UF Product Spec: 100W
Product Number: 0

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3307 y=0.3543 u(u')=0.2007 v=0.3226 v'=0.4839
CCT: Tc=5576K (duv=0.00741) Color Ratio: R=0.130 G=0.835 B=0.034
Peak Wavelength: 446.7nm Half Bandwidth: 21.3nm
Dominant Wavelength: 547.9nm Color Purity: 0.056
CRI: Ra= 73.7
R1 =73 R2 =73 R3 =72 R4 =81 R5 =74 R6 =65 R7 =83 R8 =69
R9 =0 R10=35 R11=79 R12=37 R13=71 R14=84 R15=69
Color Quality Scale: Qa= 74.8, Qf= 74.4, Qp= 76.1, Qg= 89.3
Q1 =62 Q2 =96 Q3 =69 Q4 =63 Q5 =72 Q6 =75 Q7 =80 Q8 =88
Q9 =91 Q10=77 Q11=72 Q12=73 Q13=75 Q14=64 Q15=71



Photometric Parameters

Luminous Flux: 9487.63 lm Efficiency: 91.40 lm/W Radiant Power: 28.332 W

Electric Parameters

Voltage: 219.90V Current: 0.4890A Power: 103.80W
Power Factor: 0.9670 Frequency: 60.00Hz

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 51614 (4805)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 84.51 ms



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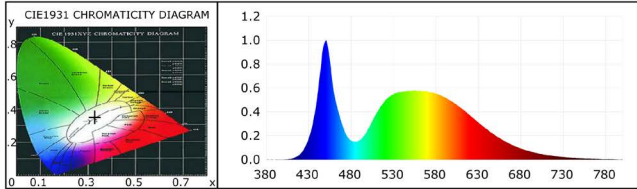
Marca:	TECNOLED PLUS	Certificado:	NOM ANCE
Modelo:	CAM-150W-UF	Garantía:	3 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	Ø345*95 mm
Rango de Voltaje:	85 - 265 V~	LED:	SMD 3535

Product Infomation

Product Type: CAM-150W-UF Product Spec: 150W

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3290 y=0.3532 u(u')=0.2000 v=0.3221 v'=0.4831
CCT: Tc=5644K (duv=0.00761) Color Ratio: R=0.131 G=0.831 B=0.038
Peak Wavelength: 450.3nm Half Bandwidth: 21.9nm
Dominant Wavelength: 542.3nm Color Purity: 0.049
CRI: Ra= 75.7
R1 =74 R2 =76 R3 =75 R4 =82 R5 =75 R6 =67 R7 =86 R8 =70
R9 =0 R10=41 R11=80 R12=37 R13=73 R14=86 R15=71
Color Quality Scale: Qa= 75.5, Qf= 75.4, Qp= 76.1, Qg= 88.8
Q1 =83 Q2 =97 Q3 =70 Q4 =62 Q5 =71 Q6 =74 Q7 =81 Q8 =88
Q9 =92 Q10=79 Q11=74 Q12=75 Q13=76 Q14=65 Q15=72



Photometric Parameters

Luminous Flux: 13886.45 lm Efficiency: 90.41 lm/W Radiant Power: 41.681 W

Electric Parameters

Voltage: 219.60V Current: 0.7270A Power: 153.60W
Power Factor: 0.9630 Frequency: 60.00Hz

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 46805 (4693)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 52.20 ms



TECNOLED

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Marca:	TECNOLED PLUS	Certificado:	NOM ANCE
Modelo:	CAM-200W-UF	Garantía:	3 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	Ø395*105 mm
Rango de Voltaje:	85 - 265 V~	LED:	SMD 3535

Product Infomation

Product Type: CAM-200W-UF
Product Number: 3

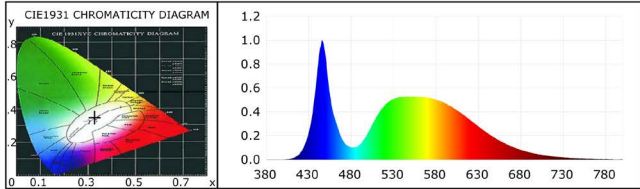
Product Spec: 200W

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3288 y=0.3516
CCT: Tc=5654K (duv=0.00690)
Peak Wavelength: 445.5nm
Dominant Wavelength: 555.0nm
CRI: Ra: Ra= 72.9

u(u')=0.2005 v=0.3215 v'=0.4823
Color Ratio: R=0.129 G=0.838 B=0.033
Half Bandwidth: 19.5nm
Color Purity: 0.043

R1 =73 R2 =72 R3 =71 R4 =80 R5 =74 R6 =64 R7 =81 R8 =69
R9 =0 R10=33 R11=80 R12=37 R13=71 R14=83 R15=69
Color Quality Scale: Qa= 74.4, Qf= 73.8, Qp= 76.4, Qg= 89.8
Q1 =82 Q2 =95 Q3 =68 Q4 =63 Q5 =72 Q6 =75 Q7 =80 Q8 =88
Q9 =90 Q10=76 Q11=71 Q12=72 Q13=75 Q14=63 Q15=71



Photometric Parameters

Luminous Flux: 19611.76 lm

Efficiency: 91.94 lm/W

Radiant Power: 58.693 W

Electric Parameters

Voltage: 219.20V
Power Factor: 0.9660

Current: 1.0070A
Frequency: 60.00Hz

Power: 213.30W

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 48874 (3814)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 35.70 ms



TECNOLED

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Marca:	TECNOLED	Certificado:	NOM ANCE
Modelo:	FAL42W	Garantía:	2 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	335*280*240 mm
Rango de Voltaje:	85 - 265 V~	LED:	

Product Information

Product Type: FAL42W
Product Number: 9

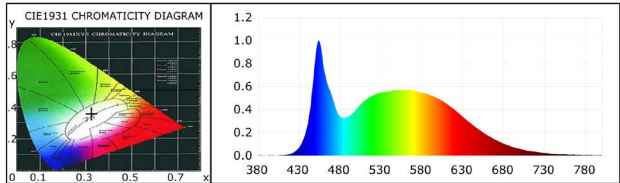
Product Spec: 42W

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3248 y=0.3590
CCT: Tc=5814K (duv=0.01228)
Peak Wavelength: 454.0nm
Dominant Wavelength: 533.6nm
CRI: Ra: Ra= 83.1

u(u')=0.1951 v=0.3235 v'=0.4853
Color Ratio: R=0.134 G=0.811 B=0.056
Half Bandwidth: 26.0nm
Color Purity: 0.056

R1 =80 R2 =86 R3 =90 R4 =82 R5 =80 R6 =80 R7 =92 R8 =73
R9 =9 R10=66 R11=82 R12=46 R13=82 R14=95 R15=76
Color Quality Scale: Qa= 81.3, Qf= 81.8, Qp= 79.0, Qg= 86.8
Q1 =78 Q2 =95 Q3 =84 Q4 =74 Q5 =75 Q6 =75 Q7 =80 Q8 =88
Q9 =96 Q10=92 Q11=88 Q12=86 Q13=85 Q14=72 Q15=76



Photometric Parameters

Luminous Flux: 4430.52 lm

Efficiency: 100.03 lm/W

Radiant Power: 13.605 W

Electric Parameters

Voltage: 127.10V
Power Factor: 0.9930

Current: 0.3510A
Frequency: 59.99Hz

Power: 44.29W

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 41782 (4363)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 153.65 ms



TECNOLED

Ilumina ahorrando

Marca:	TECNOLED	Certificado:	NOM ANCE
Modelo:	FSL50W	Garantía:	2 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	372*250*150 mm
Rango de Voltaje:	85 - 265 V~	LED:	

Product Infomation

Product Type: FSL50W
Product Number: 1

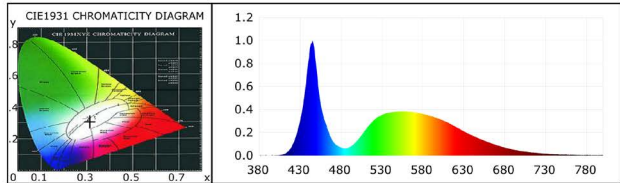
Product Spec: 15W

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3137 y=0.3090
CCT: Tc=6620K (duv=-0.00802)
Peak Wavelength: 445.0nm
Dominant Wavelength: 471.8nm
CRI: Ra: Ra= 74.2

u(u')=0.2064 v=0.3049 v'=0.4574
Color Ratio: R=0.136 G=0.829 B=0.036
Half Bandwidth: 19.1nm
Color Purity: 0.091

R1 =81 R2 =73 R3 =60 R4 =80 R5 =81 R6 =62 R7 =77 R8 =78
R9 =24 R10=30 R11=85 R12=40 R13=76 R14=77 R15=82
Color Quality Scale: Qa= 70.9, Qf= 67.6, Qp= 79.1, Qg= 96.0
Q1 =87 Q2 =90 Q3 =59 Q4 =52 Q5 =69 Q6 =77 Q7 =84 Q8 =93
Q9 =81 Q10=66 Q11=60 Q12=63 Q13=70 Q14=72 Q15=80



Photometric Parameters

Luminous Flux: 3777.09 lm

Efficiency: 72.62 lm/W

Radiant Power: 12.485 W

Electric Parameters

Voltage: 126.80V
Power Factor: 0.9870

Current: 0.4150A
Frequency: 60.00Hz

Power: 52.01W

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 43693 (4814)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 119.62 ms



TECNOLED

Ilumina ahorrando

Marca:	TECNOLED	Certificado:	NOM ANCE
Modelo:	FWL15W	Garantía:	2 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	278*172*80 mm
Rango de Voltaje:	85 - 265 V~	LED:	

Product Infomation

Product Type: FWL15W
Product Number: 1

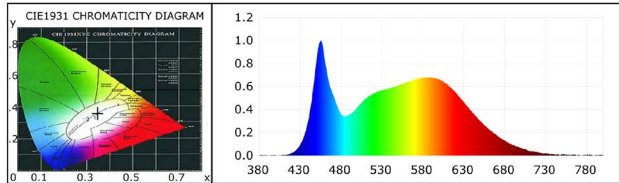
Product Spec: 15W

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3475 y=0.3618
CCT: Tc=4948K (duv=0.00409)
Peak Wavelength: 455.3nm
Dominant Wavelength: 588.0nm
CRI: Ra: Ra= 83.3

u(u')=0.2091 v=0.3266 v'=0.4899
Color Ratio: R=0.158 G=0.791 B=0.051
Half Bandwidth: 27.4nm
Color Purity: 0.129

R1 =82 R2 =92 R3 =95 R4 =79 R5 =81 R6 =88 R7 =85 R8 =65
R9 =6 R10=79 R11=78 R12=58 R13=85 R14=98 R15=75
Color Quality Scale: Qa= 82.6, Qf= 83.1, Qp= 80.4, Qg= 89.1
Q1 =79 Q2 =96 Q3 =84 Q4 =76 Q5 =78 Q6 =79 Q7 =83 Q8 =89
Q9 =97 Q10=93 Q11=89 Q12=87 Q13=85 Q14=72 Q15=75



Photometric Parameters

Luminous Flux: 1384.35 lm

Efficiency: 80.58 lm/W

Radiant Power: 4.235 W

Electric Parameters

Voltage: 127.30V
Power Factor: 0.9660

Current: 0.1400A
Frequency: 60.00Hz

Power: 17.18W

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 44135 (5117)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 601.98 ms



TECNOLED
Ilumina ahorrando

Marca:	TECNOLED PLUS	Certificado:	NOM ANCE
Modelo:	ML-TU-G13-9W	Garantía:	3 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	606*26 mm
Rango de Voltaje:	85 - 265 V~	Material:	Aluminio + PC

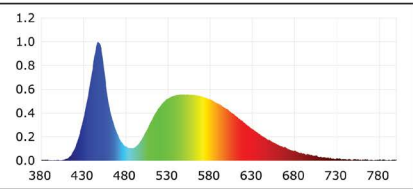
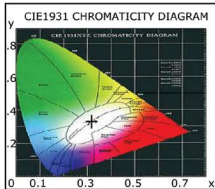
Product Information

Product Type: TECNOLED PLUS

Product Number: ML-TU-G13-9W

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3183$ $y=0.3348$ $u(u')=0.1995$ $v=0.3148$ $v'=0.4722$
CCT: $T_c=6178K$ ($duv=0.00340$) Color Ratio: $R=0.124$ $G=0.841$ $B=0.035$
Peak Wavelength: 447.2nm Half Bandwidth: 25.1nm
Dominant Wavelength: 503.3nm Color Purity: 0.050
CRI: Ra: $Ra=71.8$
R1 =73 R2 =71 R3 =67 R4 =79 R5 =74 R6 =61 R7 =80 R8 =69
R9 =0 R10=29 R11=78 R12=35 R13=70 R14=81 R15=70
Color Quality Scale: $Qa=71.4$, $Qf=70.3$, $Qp=74.9$, $Qg=89.6$
Q1 =83 Q2 =94 Q3 =64 Q4 =56 Q5 =67 Q6 =73 Q7 =79 Q8 =88
Q9 =87 Q10=72 Q11=65 Q12=68 Q13=71 Q14=63 Q15=71



Photometric Parameters

Luminous Flux: 938.09 lm

Efficiency: 107.33 lm/W

Radiant Power: 2.887 W

Electric Parameters

Voltage: 127.20V
Power Factor: 0.9680

Current: 0.0710A
Frequency: 60.00Hz

Power: 8.74W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 44011 (4896)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 579.59 ms



TECNOLED
Ilumina ahorrando

Marca:	TECNOLED PLUS	Certificado:	NOM ANCE
Modelo:	ML-TU-TRA-18W	Garantía:	3 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	1216*26 mm
Rango de Voltaje:	85 - 265 V~	Material:	Aluminio

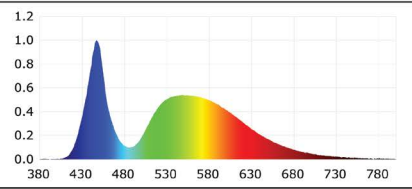
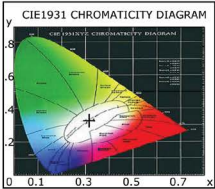
Product Information

Product Type: TECNOLED PLUS

Product Number: ML-TU-TRA-18W

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3161$ $y=0.3310$ $u(u')=0.1995$ $v=0.3133$ $v'=0.4699$
CCT: $T_c=6310K$ ($duv=0.00252$) Color Ratio: $R=0.123$ $G=0.842$ $B=0.035$
Peak Wavelength: 447.0nm Half Bandwidth: 24.9nm
Dominant Wavelength: 500.0nm Color Purity: 0.060
CRI: Ra: $Ra=71.9$
R1 =73 R2 =71 R3 =66 R4 =79 R5 =74 R6 =61 R7 =80 R8 =70
R9 =0 R10=28 R11=78 R12=36 R13=71 R14=81 R15=71
Color Quality Scale: $Qa=71.4$, $Qf=70.0$, $Qp=75.3$, $Qg=90.0$
Q1 =83 Q2 =93 Q3 =64 Q4 =55 Q5 =68 Q6 =73 Q7 =80 Q8 =88
Q9 =87 Q10=71 Q11=65 Q12=67 Q13=71 Q14=63 Q15=72



Photometric Parameters

Luminous Flux: 1763.71 lm

Efficiency: 92.92 lm/W

Radiant Power: 5.488 W

Electric Parameters

Voltage: 220.30V
Power Factor: 0.9750

Current: 0.0880A
Frequency: 60.00Hz

Power: 18.98W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 44884 (3860)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 282.20 ms



TECNOLED
Ilumina ahorrando

Marca:	TECNOLED PLUS	Certificado:	NOM ANCE
Modelo:	ML-TU-G13-28W	Garantía:	3 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	1215*26 mm
Rango de Voltaje:	85 - 265 V~	Material:	Aluminio

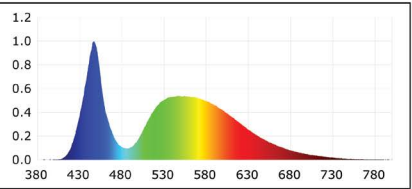
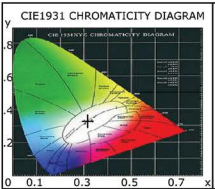
Product Information

Product Type: TECNOLED PLUS

Product Number: ML-TU-G13-28W

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3170$ $y=0.3319$ $u(u')=0.1997$ $v=0.3137$ $v'=0.4705$
CCT: $T_c=6260K$ ($duv=0.00257$) Color Ratio: $R=0.123$ $G=0.842$ $B=0.034$
Peak Wavelength: 446.7nm Half Bandwidth: 24.8nm
Dominant Wavelength: 490.6nm Color Purity: 0.056
CRI: Ra: $Ra=71.5$
R1 =73 R2 =71 R3 =66 R4 =79 R5 =74 R6 =61 R7 =79 R8 =70
R9 =0 R10=27 R11=78 R12=36 R13=70 R14=80 R15=71
Color Quality Scale: $Qa=71.2$, $Qf=69.8$, $Qp=75.3$, $Qg=90.1$
Q1 =83 Q2 =93 Q3 =63 Q4 =55 Q5 =68 Q6 =73 Q7 =80 Q8 =88
Q9 =86 Q10=70 Q11=64 Q12=67 Q13=71 Q14=63 Q15=72



Photometric Parameters

Luminous Flux: 2841.31 lm

Efficiency: 98.32 lm/W

Radiant Power: 8.813 W

Electric Parameters

Voltage: 219.80V
Power Factor: 0.9710

Current: 0.1360A
Frequency: 60.00Hz

Power: 28.90W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 46077 (3742)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 180.83 ms



TECNOLED
Ilumina ahorrando

Marca:	TECNOLED PLUS	Certificado:	NOM ANCE
Modelo:	ML-TU-CR-18W-TR	Garantía:	3 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	1212*26 mm
Rango de Voltaje:	85 - 265 V~	Material:	Cristal

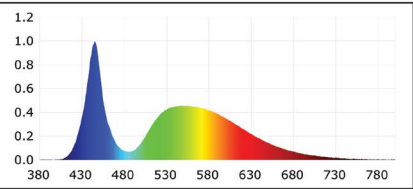
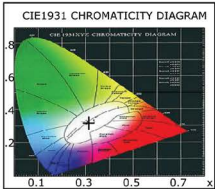
Product Information

Product Type: TECNOLED PLUS

Product Number: ML-TU-CR-18W-TR

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3135$ $y=0.3211$ $u(u')=0.2014$ $v=0.3094$ $v'=0.4641$
CCT: $T_c=6526K$ ($duv=-0.00132$) Color Ratio: $R=0.124$ $G=0.843$ $B=0.033$
Peak Wavelength: 445.1nm Half Bandwidth: 21.6nm
Dominant Wavelength: 483.3nm Color Purity: 0.077
CRI: Ra: $Ra=70.6$
R1 =75 R2 =69 R3 =61 R4 =78 R5 =75 R6 =59 R7 =76 R8 =71
R9 =0 R10=23 R11=80 R12=36 R13=70 R14=78 R15=73
Color Quality Scale: $Qa=69.9$, $Qf=67.5$, $Qp=76.2$, $Qg=91.9$
Q1 =84 Q2 =91 Q3 =60 Q4 =53 Q5 =67 Q6 =74 Q7 =80 Q8 =90
Q9 =83 Q10=67 Q11=60 Q12=64 Q13=69 Q14=65 Q15=74



Photometric Parameters

Luminous Flux: 1758.96 lm

Efficiency: 100.57 lm/W

Radiant Power: 5.601 W

Electric Parameters

Voltage: 220.10V
Power Factor: 0.9810

Current: 0.0810A
Frequency: 60.00Hz

Power: 17.49W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 52009 (3877)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 282.20 ms



TECNOLED^{MR}
Ilumina ahorrando

Marca:	TECNOLED PLUS	Certificado:	NOM ANCE
Modelo:	ML-T5-CR-18W-TR	Garantía:	3 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	1170*16 mm
Rango de Voltaje:	90 - 140 V~	Material:	Cristal

Product Infomation

Product Type: TECNOLED PLUS

Product Number: ML-T5-CR-18W-TR

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3166 y=0.3268

CCT: Tc=6310K (duv=0.00009)

Peak Wavelength: 445.6nm

Dominant Wavelength: 486.6nm

CRI: Ra: Ra= 71.1

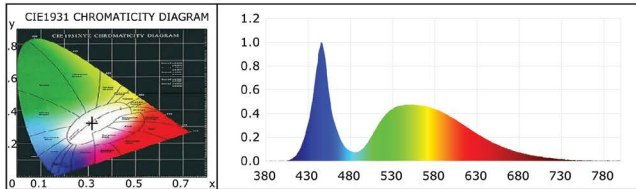
R1 =74 R2 =70 R3 =63 R4 =78 R5 =75 R6 =60 R7 =78 R8 =71

R9 =0 R10=25 R11=79 R12=35 R13=70 R14=79 R15=72

Color Quality Scale: Qa= 70.3, Qf= 68.3, Qp= 75.6, Qg= 91.2

Q1 =84 Q2 =92 Q3 =61 Q4 =53 Q5 =67 Q6 =73 Q7 =80 Q8 =89

Q9 =85 Q10=68 Q11=62 Q12=65 Q13=70 Q14=64 Q15=73



Photometric Parameters

Luminous Flux: 1834.47 lm

Efficiency: 95.79 lm/W

Radiant Power: 5.739 W

Electric Parameters

Voltage: 127.20V

Power Factor: 0.6830

Current: 0.2200A

Frequency: 60.00Hz

Power: 19.15W

Test Infomation

Scan Range: 380~800:1nm

Stabilization Time: 0 ms

Max of Signal: 44028 (4225)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4PI

CCD Integration Time: 255.11 ms



TECNOLED^{MR}
Ilumina ahorrando

Marca:	TECNOLED PLUS	Certificado:	NOM ANCE
Modelo:	ML-TU-T5-18W-TR	Garantía:	3 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	1163*16 mm
Rango de Voltaje:	85 - 265 V~	Material:	Aluminio

Product Infomation

Product Type: TECNOLED PLUS

Product Number: ML-TU-T5-18W-TR

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3266 y=0.3475

CCT: Tc=5752K (duv=0.00588)

Peak Wavelength: 452.5nm

Dominant Wavelength: 523.2nm

CRI: Ra: Ra= 76.5

R1 =75 R2 =77 R3 =77 R4 =82 R5 =75 R6 =68 R7 =88 R8 =69

R9 =0 R10=43 R11=79 R12=38 R13=75 R14=87 R15=72

Color Quality Scale: Qa= 74.7, Qf= 74.7, Qp= 75.3, Qg= 88.3

Q1 =82 Q2 =97 Q3 =70 Q4 =61 Q5 =69 Q6 =73 Q7 =80 Q8 =88

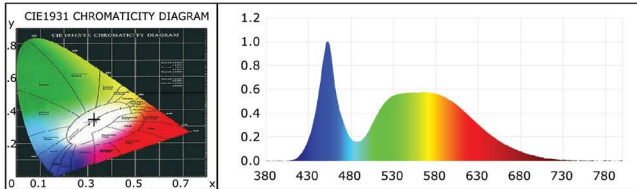
Q9 =92 Q10=79 Q11=73 Q12=74 Q13=75 Q14=64 Q15=71

u(u')=0.2005 v=0.3200 v'=0.4799

Color Ratio: R=0.131 G=0.829 B=0.040

Half Bandwidth: 23.9nm

Color Purity: 0.029



Photometric Parameters

Luminous Flux: 1906.74 lm

Efficiency: 102.62 lm/W

Radiant Power: 5.692 W

Electric Parameters

Voltage: 127.00V

Power Factor: 0.9640

Current: 0.1520A

Frequency: 60.00Hz

Power: 18.58W

Test Infomation

Scan Range: 380~800:1nm

Stabilization Time: 0 ms

Max of Signal: 42725 (4629)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4PI

CCD Integration Time: 300.58 ms



TECNOLED^{MR}
Ilumina ahorrando

Marca:	TECNOLED	Certificado:	NOM ANCE
Modelo:	ML-TU-CUR-18W	Garantía:	2 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	600 mm
Rango de Voltaje:	85-265 V~	Material:	Aluminio

Product Infomation

Product Type: TECNOLED

Product Number: ML-TU-CUR-18W

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3208 y=0.3394

CCT: Tc=6036K (duv=0.00451)

Peak Wavelength: 450.1nm

Dominant Wavelength: 498.1nm

CRI: Ra: Ra= 73.3

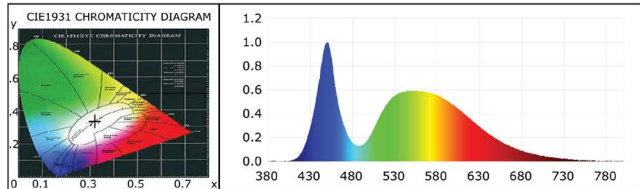
R1 =73 R2 =73 R3 =71 R4 =80 R5 =74 R6 =63 R7 =84 R8 =69

R9 =0 R10=33 R11=77 R12=35 R13=71 R14=83 R15=71

Color Quality Scale: Qa= 72.2, Qf= 71.5, Qp= 74.4, Qg= 88.7

Q1 =83 Q2 =95 Q3 =66 Q4 =56 Q5 =67 Q6 =72 Q7 =79 Q8 =87

Q9 =89 Q10=74 Q11=68 Q12=69 Q13=72 Q14=63 Q15=71



Photometric Parameters

Luminous Flux: 1860.36 lm

Efficiency: 96.59 lm/W

Radiant Power: 5.680 W

Electric Parameters

Voltage: 127.10V

Power Factor: 0.9710

Current: 0.1560A

Frequency: 60.00Hz

Power: 19.26W

Test Infomation

Scan Range: 380~800:1nm

Stabilization Time: 0 ms

Max of Signal: 46016 (4596)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4PI

CCD Integration Time: 326.44 ms



TECNOLED^{MR}
Ilumina ahorrando

Marca:	TECNOLED	Certificado:	NOM ANCE
Modelo:	ML-TU-INT-9W	Garantía:	2 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	600 mm
Rango de Voltaje:	85-265 V~	Material:	Aluminio

Product Infomation

Product Type: TECNOLED

Product Number: ML-TU-INT-9W

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3158 y=0.3316

CCT: Tc=6324K (duv=0.00297)

Peak Wavelength: 450.0nm

Dominant Wavelength: 490.4nm

CRI: Ra: Ra= 73.7

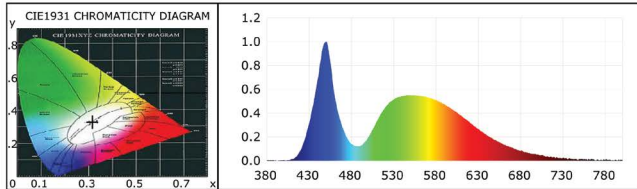
R1 =74 R2 =73 R3 =69 R4 =81 R5 =75 R6 =63 R7 =83 R8 =71

R9 =0 R10=33 R11=79 R12=36 R13=72 R14=82 R15=73

Color Quality Scale: Qa= 72.3, Qf= 71.2, Qp= 75.4, Qg= 89.7

Q1 =84 Q2 =94 Q3 =65 Q4 =56 Q5 =67 Q6 =73 Q7 =80 Q8 =88

Q9 =88 Q10=73 Q11=67 Q12=69 Q13=72 Q14=65 Q15=73



Photometric Parameters

Luminous Flux: 882.88 lm

Efficiency: 95.55 lm/W

Radiant Power: 2.754 W

Electric Parameters

Voltage: 127.30V

Power Factor: 0.9670

Current: 0.0750A

Frequency: 59.99Hz

Power: 9.24W

Test Infomation

Scan Range: 380~800:1nm

Stabilization Time: 0 ms

Max of Signal: 46257 (3542)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4PI

CCD Integration Time: 595.00 ms



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Marca:	TECNOLED PLUS	Certificado:	NOM ANCE
Modelo:	ML-TU-INT-18W	Garantía:	3 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	1208*31*33 mm
Rango de Voltaje:	85-265 V~	Material:	Aluminio

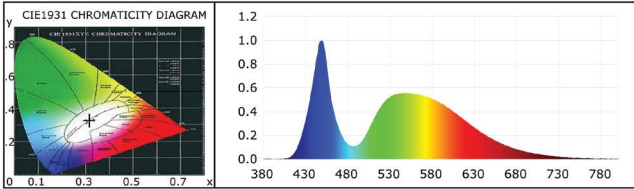
Product Infomation

Product Type: TECNOLED PLUS
Product Number: ML-TU-INT-18W

Product Spec:

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3158$ $y=0.3323$ $u(u')=0.1988$ $v=0.3137$ $v'=0.4706$
CCT: $T_c=6316K$ ($duv=0.00333$) Color Ratio: $R=0.123$ $G=0.841$ $B=0.037$
Peak Wavelength: 448.9nm Half Bandwidth: 25.7nm
Dominant Wavelength: 501.1nm Color Purity: 0.060
CRI: Ra= 72.7
R1 =74 R2 =72 R3 =67 R4 =80 R5 =74 R6 =62 R7 =81 R8 =71
R9 =0 R10=30 R11=78 R12=35 R13=71 R14=81 R15=72
Color Quality Scale: Qa= 71.8, Qf= 70.6, Qp= 75.3, Qg= 89.8
Q1 =84 Q2 =94 Q3 =64 Q4 =55 Q5 =67 Q6 =73 Q7 =80 Q8 =88
Q9 =87 Q10=72 Q11=66 Q12=68 Q13=72 Q14=64 Q15=73



Photometric Parameters

Luminous Flux: 1865.60 lm Efficiency: 94.27 lm/W Radiant Power: 5.793 W

Electric Parameters

Voltage: 127.30V Current: 0.1610A Power: 19.79W
Power Factor: 0.9670 Frequency: 60.00Hz

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 45649 (3986)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 299.52 ms



TECNOLED®
Ilumina ahorrando

Marca:	TECNOLED	Certificado:	NOM ANCE
Modelo:	ML-PA-30X120	Garantía:	2 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	295*1195*10 mm
Rango de Voltaje:	85 - 265 V~	Material:	Aluminio + PMMA

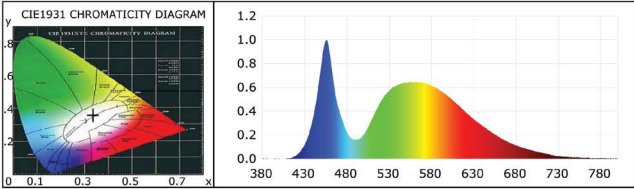
Product Infomation

Product Type: TECNOLED

Product Number: ML-PA-30X120

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3360$ $y=0.3617$ $u(u')=0.2016$ $v=0.3254$ $v'=0.4881$
CCT: $T_c=5372K$ ($duv=0.00869$) Color Ratio: $R=0.131$ $G=0.830$ $B=0.039$
Peak Wavelength: 455.7nm Half Bandwidth: 23.4nm
Dominant Wavelength: 558.4nm Color Purity: 0.094
CRI: Ra= 74.1
R1 =71 R2 =77 R3 =78 R4 =77 R5 =70 R6 =66 R7 =89 R8 =66
R9 =0 R10=40 R11=71 R12=30 R13=72 R14=87 R15=68
Color Quality Scale: Qa= 72.1, Qf= 72.4, Qp= 71.2, Qg= 85.4
Q1 =79 Q2 =98 Q3 =69 Q4 =56 Q5 =63 Q6 =66 Q7 =75 Q8 =85
Q9 =92 Q10=79 Q11=72 Q12=73 Q13=74 Q14=63 Q15=70



Photometric Parameters

Luminous Flux: 2703.03 lm Efficiency: 72.43 lm/W Radiant Power: 7.955 W

Electric Parameters

Voltage: 240.00V Current: 0.1620A Power: 37.32W
Power Factor: 0.9640 Frequency: 60.00Hz

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 51740 (3082)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 261.24 ms



TECNOLED®
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Marca:	TECNOLED	Certificado:	NOM ANCE
Modelo:	ML-PA-60X60	Garantía:	2 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	596*596*10 mm
Rango de Voltaje:	85 - 265 V~	Material:	Aluminio + PMMA

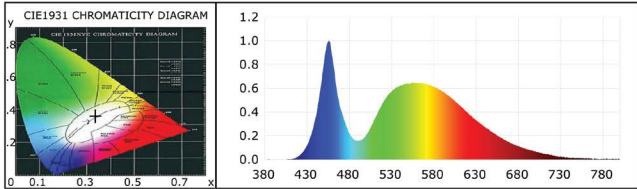
Product Infomation

Product Type: TECNOLED

Product Number: ML-PA-60X60

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3360$ $y=0.3617$ $u(u')=0.2016$ $v=0.3255$ $v'=0.4882$
CCT: $T_c=5370K$ ($duv=0.00870$) Color Ratio: $R=0.131$ $G=0.830$ $B=0.039$
Peak Wavelength: 455.9nm Half Bandwidth: 23.4nm
Dominant Wavelength: 558.5nm Color Purity: 0.094
CRI: Ra= 74.1
R1 =71 R2 =77 R3 =78 R4 =77 R5 =70 R6 =66 R7 =89 R8 =66
R9 =0 R10=40 R11=71 R12=30 R13=72 R14=87 R15=68
Color Quality Scale: Qa= 72.1, Qf= 72.4, Qp= 71.2, Qg= 85.4
Q1 =79 Q2 =98 Q3 =69 Q4 =56 Q5 =63 Q6 =66 Q7 =75 Q8 =85
Q9 =92 Q10=79 Q11=72 Q12=73 Q13=74 Q14=63 Q15=70



Photometric Parameters

Luminous Flux: 2703.56 lm Efficiency: 72.56 lm/W Radiant Power: 7.963 W

Electric Parameters

Voltage: 219.70V Current: 0.1730A Power: 37.26W
Power Factor: 0.9720 Frequency: 60.00Hz

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 51651 (3064)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 261.24 ms



TECNOLED®
Ilumina ahorrando

Marca:	TECNOLED	Certificado:	NOM ANCE
Modelo:	ML-PA-60X120	Garantía:	2 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	595*1195*10 mm
Rango de Voltaje:	85 - 265 V~	Material:	Aluminio + PMMA

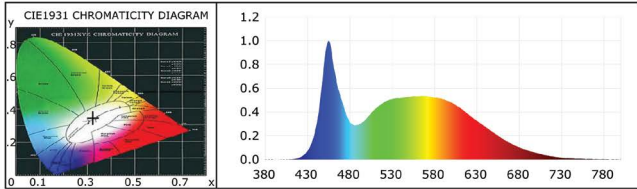
Product Infomation

Product Type: TECNOLED

Product Number: ML-PA-60X120

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3241$ $y=0.3494$ $u(u')=0.1981$ $v=0.3203$ $v'=0.4805$
CCT: $T_c=5860K$ ($duv=0.00796$) Color Ratio: $R=0.137$ $G=0.807$ $B=0.056$
Peak Wavelength: 454.8nm Half Bandwidth: 25.5nm
Dominant Wavelength: 529.7nm Color Purity: 0.033
CRI: Ra= 84.2
R1 =83 R2 =87 R3 =89 R4 =84 R5 =81 R6 =80 R7 =93 R8 =76
R9 =18 R10=67 R11=84 R12=47 R13=84 R14=94 R15=79
Color Quality Scale: Qa= 81.3, Qf= 81.6, Qp= 79.4, Qg= 88.6
Q1 =80 Q2 =96 Q3 =82 Q4 =71 Q5 =74 Q6 =75 Q7 =82 Q8 =90
Q9 =97 Q10=91 Q11=86 Q12=84 Q13=84 Q14=74 Q15=78



Photometric Parameters

Luminous Flux: 5657.99 lm Efficiency: 73.34 lm/W Radiant Power: 17.644 W

Electric Parameters

Voltage: 126.80V Current: 0.8070A Power: 77.15W
Power Factor: 0.7540 Frequency: 59.99Hz

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 49184 (3848)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 115.17 ms



TECNOLED[®]
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Marca:	TECNOLED PLUS	Certificado:	NOM ANCE
Modelo:	PLS-60X60	Garantía:	3 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	596*596*10 mm
Rango de Voltaje:	85 - 265 V~	Material:	Aluminio + PMMA

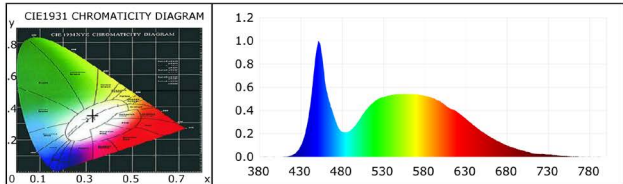
Product Infomation

Product Type: PLS-60x60

Product Spec: 36W

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3285$ $y=0.3534$ $u(u')=0.1996$ $v=0.3221$ $v'=0.4831$
CCT: $T_c=5666K$ ($duv=0.00794$) Color Ratio: $R=0.136$ $G=0.818$ $B=0.046$
Peak Wavelength: 451.3nm Half Bandwidth: 21.5nm
Dominant Wavelength: 540.6nm Color Purity: 0.048
CRI: Ra= 81.0
R1 =79 R2 =82 R3 =82 R4 =86 R5 =79 R6 =74 R7 =91 R8 =75
R9 =8 R10=55 R11=84 R12=43 R13=79 R14=90 R15=76
Color Quality Scale: Qa= 79.7, Qf= 79.9, Qp= 79.0, Qg= 89.4
Q1 =83 Q2 =98 Q3 =76 Q4 =68 Q5 =74 Q6 =77 Q7 =83 Q8 =90
Q9 =95 Q10=85 Q11=81 Q12=81 Q13=81 Q14=71 Q15=76



Photometric Parameters

Luminous Flux: 3265.30 lm Efficiency: 89.71 lm/W Radiant Power: 9.948 W

Electric Parameters

Voltage: 126.90V Current: 0.2900A Power: 36.40W
Power Factor: 0.9870 Frequency: 60.00Hz

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 48156 (3988)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 223.95 ms



TECNOLED[®]
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Marca:	TECNOLED	Certificado:	NOM ANCE
Modelo:	ML-PDL-12W	Garantía:	2 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	Ø172*153*24 mm
Rango de Voltaje:	85 - 265 V~	Material:	Aluminio

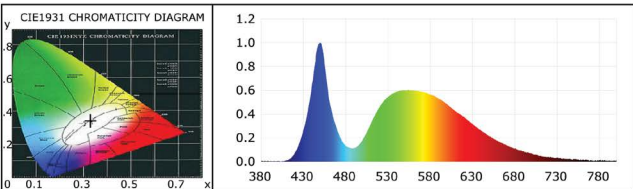
Product Infomation

Product Type: TECNOLED

Product Number: ML-PDL-12W

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3296$ $y=0.3452$ $u(u')=0.2034$ $v=0.3195$ $v'=0.4792$
CCT: $T_c=5622K$ ($duv=0.00336$) Color Ratio: $R=0.131$ $G=0.835$ $B=0.034$
Peak Wavelength: 449.4nm Half Bandwidth: 23.9nm
Dominant Wavelength: 535.4nm Color Purity: 0.027
CRI: Ra= 72.8
R1 =73 R2 =73 R3 =69 R4 =80 R5 =73 R6 =62 R7 =83 R8 =70
R9 =0 R10=32 R11=76 R12=33 R13=71 R14=82 R15=71
Color Quality Scale: Qa= 71.6, Qf= 70.8, Qp= 74.1, Qg= 89.6
Q1 =83 Q2 =95 Q3 =64 Q4 =55 Q5 =66 Q6 =71 Q7 =79 Q8 =87
Q9 =88 Q10=73 Q11=66 Q12=69 Q13=72 Q14=64 Q15=72



Photometric Parameters

Luminous Flux: 1096.28 lm Efficiency: 90.45 lm/W Radiant Power: 3.349 W

Electric Parameters

Voltage: 220.30V Current: 0.0910A Power: 12.12W
Power Factor: 0.6030 Frequency: 60.00Hz

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 46391 (3837)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 521.09 ms



TECNOLED[®]
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Marca:	TECNOLED	Certificado:	NOM ANCE
Modelo:	ML-PDL-18W	Garantía:	2 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	Ø225*200*25 mm
Rango de Voltaje:	85 - 265 V~	Material:	Aluminio

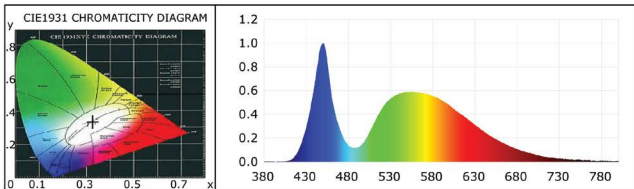
Product Infomation

Product Type: TECNOLED

Product Number: ML-PDL-18W

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3267$ $y=0.3393$ $u(u')=0.2036$ $v=0.3172$ $v'=0.4758$
CCT: $T_c=5762K$ ($duv=0.00170$) Color Ratio: $R=0.132$ $G=0.833$ $B=0.035$
Peak Wavelength: 450.5nm Half Bandwidth: 25.3nm
Dominant Wavelength: 503.9nm Color Purity: 0.020
CRI: Ra= 73.7
R1 =74 R2 =74 R3 =69 R4 =81 R5 =74 R6 =63 R7 =83 R8 =72
R9 =0 R10=33 R11=78 R12=35 R13=72 R14=82 R15=73
Color Quality Scale: Qa= 71.8, Qf= 70.8, Qp= 74.7, Qg= 90.3
Q1 =84 Q2 =94 Q3 =64 Q4 =54 Q5 =66 Q6 =72 Q7 =80 Q8 =88
Q9 =87 Q10=73 Q11=66 Q12=68 Q13=72 Q14=66 Q15=73



Photometric Parameters

Luminous Flux: 1608.85 lm Efficiency: 91.67 lm/W Radiant Power: 4.977 W

Electric Parameters

Voltage: 220.20V Current: 0.1280A Power: 17.55W
Power Factor: 0.6220 Frequency: 60.00Hz

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 49818 (3746)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 376.48 ms



TECNOLED[®]
Ilumina ahorrando

Marca:	TECNOLED	Certificado:	NOM ANCE
Modelo:	ML-DL-7W-BB	Garantía:	2 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	Ø120*106*22 mm
Rango de Voltaje:	85 - 265 V~	Material:	Aluminio

Product Infomation

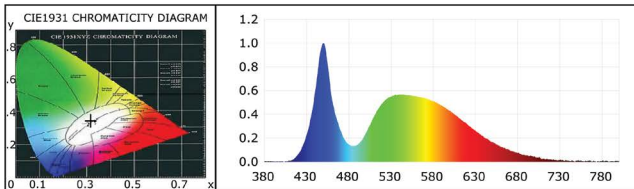
Product Type: TECNOLED

Product Spec: BLANCO/PLATA

Product Number: ML-DL-7W-BB

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3168$ $y=0.3468$ $u(u')=0.1942$ $v=0.3187$ $v'=0.4781$
CCT: $T_c=6194K$ ($duv=0.01005$) Color Ratio: $R=0.119$ $G=0.843$ $B=0.038$
Peak Wavelength: 450.0nm Half Bandwidth: 22.6nm
Dominant Wavelength: 502.7nm Color Purity: 0.050
CRI: Ra= 73.3
R1 =72 R2 =73 R3 =73 R4 =79 R5 =73 R6 =64 R7 =84 R8 =68
R9 =0 R10=34 R11=77 R12=35 R13=70 R14=85 R15=68
Color Quality Scale: Qa= 74.2, Qf= 73.9, Qp= 75.1, Qg= 87.5
Q1 =82 Q2 =96 Q3 =70 Q4 =61 Q5 =70 Q6 =73 Q7 =79 Q8 =87
Q9 =91 Q10=77 Q11=72 Q12=73 Q13=75 Q14=62 Q15=70



Photometric Parameters

Luminous Flux: 720.57 lm Efficiency: 94.32 lm/W Radiant Power: 2.158 W

Electric Parameters

Voltage: 127.10V Current: 0.0960A Power: 7.64W
Power Factor: 0.6280 Frequency: 60.00Hz

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 47132 (4277)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 824.68 ms



TECNOLED^{MR}
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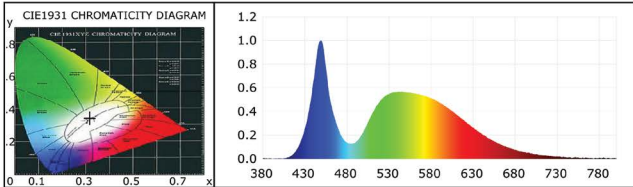
Marca:	TECNOLED	Certificado:	NOM ANCE
Modelo:	ML-DL-12W-BB	Garantía:	2 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	Ø170*155*22 mm
Rango de Voltaje:	85 - 265 V~	Material:	Aluminio

Product Infomation

Product Type: TECNOLED Product Spec: BLANCO/PLATA
Product Number: ML-DL-12W-BB

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3172 y=0.3448 u(u')=0.1951 v=0.3181 v'=0.4772
CCT: Tc=6186K (duv=0.00891) Color Ratio: R=0.120 G=0.843 B=0.037
Peak Wavelength: 449.0nm Half Bandwidth: 22.9nm
Dominant Wavelength: 501.2nm Color Purity: 0.049
CRI: Ra= 73.0
R1 =72 R2 =73 R3 =72 R4 =79 R5 =73 R6 =64 R7 =83 R8 =68
R9 =0 R10=33 R11=78 R12=35 R13=70 R14=84 R15=68
Color Quality Scale: Qa= 73.9, Qf= 73.5, Qp= 75.3, Qg= 88.0
Q1 =82 Q2 =96 Q3 =69 Q4 =61 Q5 =70 Q6 =73 Q7 =79 Q8 =87
Q9 =91 Q10=76 Q11=71 Q12=73 Q13=75 Q14=62 Q15=70



Photometric Parameters

Luminous Flux: 1181.51 lm Efficiency: 96.69 lm/W Radiant Power: 3.565 W

Electric Parameters

Voltage: 127.30V Current: 0.1470A Power: 12.22W
Power Factor: 0.6510 Frequency: 60.00Hz

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 45060 (3953)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 479.86 ms



TECNOLED^{MR}
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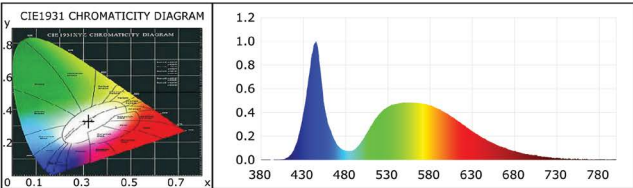
Marca:	TECNOLED	Certificado:	NOM ANCE
Modelo:	ML-CL-12W-BB	Garantía:	2 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	Ø139*69*108 mm
Rango de Voltaje:	85 - 265 V~	Material:	Aluminio

Product Infomation

Product Type: TECNOLED Product Number: ML-CL-12W-BB

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3218 y=0.3310 u(u')=0.2034 v=0.3138 v'=0.4707
CCT: Tc=6018K (duv=-0.00026) Color Ratio: R=0.128 G=0.841 B=0.031
Peak Wavelength: 444.9nm Half Bandwidth: 21.5nm
Dominant Wavelength: 489.1nm Color Purity: 0.040
CRI: Ra= 70.4
R1 =74 R2 =70 R3 =63 R4 =77 R5 =75 R6 =60 R7 =76 R8 =69
R9 =0 R10=25 R11=79 R12=37 R13=70 R14=79 R15=71
Color Quality Scale: Qa= 70.5, Qf= 68.5, Qp= 76.0, Qg= 91.6
Q1 =82 Q2 =91 Q3 =61 Q4 =56 Q5 =69 Q6 =74 Q7 =80 Q8 =89
Q9 =85 Q10=68 Q11=62 Q12=65 Q13=70 Q14=63 Q15=72



Photometric Parameters

Luminous Flux: 1014.08 lm Efficiency: 82.18 lm/W Radiant Power: 3.155 W

Electric Parameters

Voltage: 220.30V Current: 0.0930A Power: 12.34W
Power Factor: 0.6030 Frequency: 60.00Hz

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 44888 (3865)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 454.66 ms



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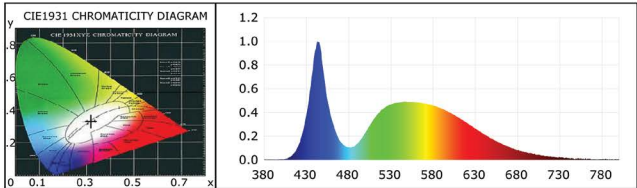
Marca:	TECNOLED	Certificado:	NOM ANCE
Modelo:	ML-RCL-12W	Garantía:	2 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	Ø166*21 mm
Rango de Voltaje:	85 - 265 V~	Material:	Aluminio + PC

Product Infomation

Product Type: TECNOLED Product Number: ML-RCL-12W

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3185 y=0.3314 u(u')=0.2009 v=0.3136 v'=0.4704
CCT: Tc=6186K (duv=0.00156) Color Ratio: R=0.130 G=0.833 B=0.036
Peak Wavelength: 443.1nm Half Bandwidth: 22.3nm
Dominant Wavelength: 490.1nm Color Purity: 0.051
CRI: Ra= 74.5
R1 =78 R2 =73 R3 =67 R4 =80 R5 =79 R6 =65 R7 =79 R8 =74
R9 =6 R10=34 R11=84 R12=45 R13=74 R14=81 R15=75
Color Quality Scale: Qa= 75.4, Qf= 73.8, Qp= 79.8, Qg= 93.2
Q1 =85 Q2 =93 Q3 =67 Q4 =63 Q5 =75 Q6 =79 Q7 =83 Q8 =91
Q9 =87 Q10=73 Q11=69 Q12=71 Q13=75 Q14=68 Q15=76



Photometric Parameters

Luminous Flux: 1023.34 lm Efficiency: 88.83 lm/W Radiant Power: 3.254 W

Electric Parameters

Voltage: 220.60V Current: 0.0880A Power: 11.52W
Power Factor: 0.5960 Frequency: 60.00Hz

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 43632 (4020)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 454.66 ms



TECNOLED^{MR}
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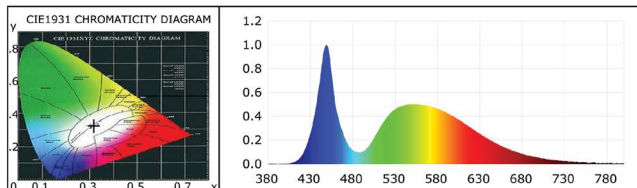
Marca:	TECNOLED	Certificado:	NOM ANCE
Modelo:	ML-RCL-16W	Garantía:	2 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	Ø220*21 mm
Rango de Voltaje:	85 - 265 V~	Material:	Aluminio + PC

Product Infomation

Product Type: TECNOLED Product Number: ML-RCL-16W-BB/BN

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3179 y=0.3277 u(u')=0.2019 v=0.3123 v'=0.4684
CCT: Tc=6236K (duv=-0.00007) Color Ratio: R=0.128 G=0.835 B=0.037
Peak Wavelength: 448.8nm Half Bandwidth: 22.4nm
Dominant Wavelength: 486.9nm Color Purity: 0.056
CRI: Ra= 73.8
R1 =76 R2 =73 R3 =67 R4 =81 R5 =76 R6 =62 R7 =82 R8 =73
R9 =1 R10=32 R11=79 R12=35 R13=73 R14=81 R15=75
Color Quality Scale: Qa= 71.3, Qf= 69.8, Qp= 75.6, Qg= 91.1
Q1 =85 Q2 =93 Q3 =63 Q4 =53 Q5 =66 Q6 =72 Q7 =81 Q8 =89
Q9 =86 Q10=71 Q11=64 Q12=67 Q13=71 Q14=67 Q15=75



Photometric Parameters

Luminous Flux: 1397.03 lm Efficiency: 83.31 lm/W Radiant Power: 4.411 W

Electric Parameters

Voltage: 127.40V Current: 0.1350A Power: 16.77W
Power Factor: 0.9740 Frequency: 59.99Hz

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 41972 (4005)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 332.26 ms



TECNOLED

Ilumina ahorrando

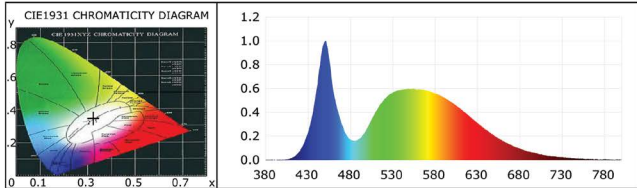
Marca:	TECNOLED	Certificado:	NOM ANCE
Modelo:	ML-RCL-24W	Garantía:	2 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	Ø288*21 mm
Rango de Voltaje:	85 - 265 V~	Material:	Aluminio + PC

Product Infomation

Product Type: TECNOLED Product Number: ML-RCL-24W

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3245 y=0.3495 u(u')=0.1983 v=0.3204 v'=0.4806
CCT: Tc=5842K (duv=0.00782) Color Ratio: R=0.128 G=0.833 B=0.039
Peak Wavelength: 450.4nm
Dominant Wavelength: 518.7nm
Color Purity: 0.033
CRI: Ra= 75.6
R1 =74 R2 =76 R3 =75 R4 =82 R5 =75 R6 =67 R7 =86 R8 =70
R9 =0 R10=40 R11=80 R12=39 R13=73 R14=86 R15=71
Color Quality Scale: Qa= 75.6, Qf= 75.4, Qp= 76.3, Qg= 88.8
Q1 =83 Q2 =97 Q3 =71 Q4 =63 Q6 =75 Q7 =81 Q8 =88
Q9 =92 Q10=79 Q11=74 Q12=75 Q13=76 Q14=65 Q15=72



Photometric Parameters

Luminous Flux: 2086.01 lm Efficiency: 89.72 lm/W Radiant Power: 6.322 W

Electric Parameters

Voltage: 127.20V Current: 0.2640A Power: 23.25W
Power Factor: 0.6900 Frequency: 60.00Hz

Test Infomation

Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 ms Photometric Condition: Sphere diameter: 1.50m, 4PI
Max of Signal: 44910 (3826) CCD Integration Time: 293.80 ms



TECNOLED

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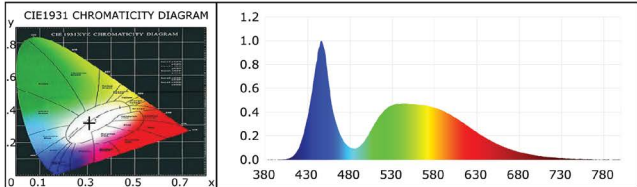
Marca:	TECNOLED	Certificado:	NOM ANCE
Modelo:	ML-GST3-IP65-A	Garantía:	2 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	1210*75*68mm
Rango de Voltaje:	85 - 265 V~	Material:	PC

Product Infomation

Product Type: TECNOLED Product Number: ML-GST3-IP65-A

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3093 y=0.3198 u(u')=0.1989 v=0.3085 v'=0.4628
CCT: Tc=6782K (duv=0.00017) Color Ratio: R=0.124 G=0.839 B=0.038
Peak Wavelength: 446.1nm
Dominant Wavelength: 484.1nm
Color Purity: 0.092
CRI: Ra= 73.6
R1 =77 R2 =72 R3 =65 R4 =81 R5 =78 R6 =63 R7 =79 R8 =73
R9 =0 R10=31 R11=82 R12=40 R13=73 R14=80 R15=75
Color Quality Scale: Qa= 72.9, Qf= 71.0, Qp= 78.0, Qg= 92.1
Q1 =85 Q2 =92 Q3 =65 Q4 =57 Q5 =70 Q6 =77 Q7 =83 Q8 =91
Q9 =86 Q10=71 Q11=65 Q12=68 Q13=72 Q14=66 Q15=75



Photometric Parameters

Luminous Flux: 3073.60 lm Efficiency: 77.17 lm/W Radiant Power: 9.796 W

Electric Parameters

Voltage: 126.80V Current: 0.3240A Power: 39.83W
Power Factor: 0.9690 Frequency: 59.97Hz

Test Infomation

Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 ms Photometric Condition: Sphere diameter: 1.50m, 4PI
Max of Signal: 49827 (4379) CCD Integration Time: 175.66 ms



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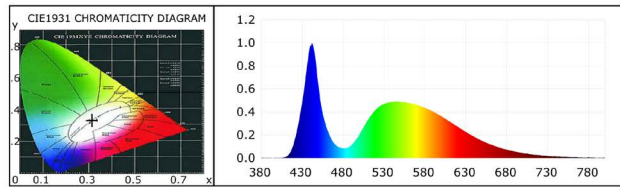
Marca:	TECNOLED	Certificado:	NOM ANCE
Modelo:	ML-WL-LT	Garantía:	2 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	1235*130*45 mm
Rango de Voltaje:	85 - 265 V~	LED:	

Product Infomation

Product Type: ML-WL-LT
Product Number: W4602341752

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3140 y=0.3335 u(u')=0.1971 v=0.3139 v'=0.4709
CCT: Tc=6404K (duv=0.00482) Color Ratio: R=0.120 G=0.848 B=0.033
Peak Wavelength: 442.2nm
Dominant Wavelength: 491.8nm
Color Purity: 0.065
CRI: Ra= 69.7
R1 =72 R2 =68 R3 =64 R4 =75 R5 =74 R6 =60 R7 =75 R8 =68
R9 =0 R10=23 R11=79 R12=40 R13=68 R14=79 R15=68
Color Quality Scale: Qa= 72.8, Qf= 71.1, Qp= 77.6, Qg= 90.9
Q1 =82 Q2 =92 Q3 =66 Q4 =62 Q5 =72 Q6 =75 Q7 =80 Q8 =89
Q9 =87 Q10=70 Q11=66 Q12=68 Q13=72 Q14=63 Q15=72



Photometric Parameters

Luminous Flux: 3168.62 lm Efficiency: 70.34 lm/W Radiant Power: 9.912 W

Electric Parameters

Voltage: 126.80V Current: 0.5000A Power: 45.05W
Power Factor: 0.7100 Frequency: 60.00Hz

Test Infomation

Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 ms Photometric Condition: Sphere diameter: 1.50m, 4PI
Max of Signal: 43958 (4338) CCD Integration Time: 181.36 ms

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DLM

Ilumina Ahorrando

TECNOLED

Ilumina ahorrando

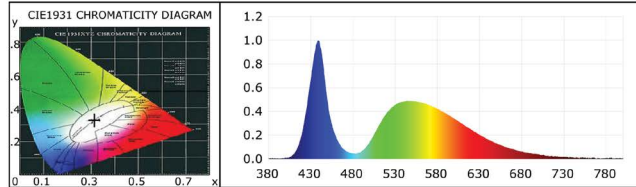
Marca:	DLM	Certificado:	
Modelo:	DL-TU9W-TR	Garantía:	2 AÑOS DE GARANTÍA
Temperatura:	6500K	Medidas:	606*26 mm
Rango de Voltaje:	85 - 265 V~	Material:	Aluminio

Product Infomation

Product Type: DLM Product Number: DL-TU9W-TR

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3145 y=0.3321 u(u')=0.1979 v=0.3135 v'=0.4702
CCT: Tc=6388K (duv=0.00385) Color Ratio: R=0.115 G=0.860 B=0.026
Peak Wavelength: 438.8nm
Dominant Wavelength: 490.9nm
Color Purity: 0.064
CRI: Ra= 63.7
R1 =68 R2 =62 R3 =56 R4 =69 R5 =70 R6 =53 R7 =69 R8 =63
R9 =0 R10=9 R11=74 R12=33 R13=62 R14=75 R15=62
Color Quality Scale: Qa= 68.0, Qf= 65.5, Qp= 74.7, Qg= 89.6
Q1 =80 Q2 =89 Q3 =61 Q4 =57 Q5 =68 Q6 =71 Q7 =75 Q8 =88
Q9 =83 Q10=64 Q11=58 Q12=62 Q13=67 Q14=58 Q15=68



Photometric Parameters

Luminous Flux: 898.57 lm Efficiency: 90.31 lm/W Radiant Power: 2.810 W

Electric Parameters

Voltage: 127.30V Current: 0.0800A Power: 9.95W
Power Factor: 0.9810 Frequency: 60.00Hz

Test Infomation

Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 ms Photometric Condition: Sphere diameter: 1.50m, 4PI
Max of Signal: 41934 (4433) CCD Integration Time: 513.95 ms



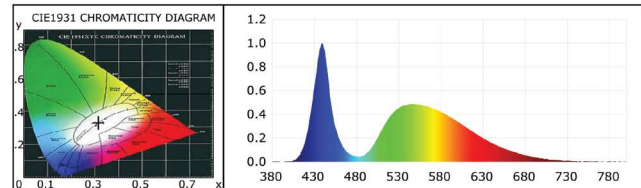
Product Number: DL-TU18W-TR

Chromaticity coordinates: $x=0.3149$ $y=0.3337$ $u(u')=0.1976$ $v=0.3141$ $v'=0.4712$
 CCT: $T_c=6358K$ ($duv=0.00453$) Color Ratio: $R=114$ $G=0.861$ $B=0.025$
 Peak Wavelength: 439.0nm Half Bandwidth: 22.0nm
 Dominant Wavelength: 502.2nm Color Purity: 0.062
 CRI: Ra: 63.4

R1 = 67	R2 = 62	R3 = 57	R4 = 69	R5 = 69	R6 = 53	R7 = 69	R8 = 61
R9 = 0	R10 = 9	R11 = 73	R12 = 33	R13 = 62	R14 = 75	R15 = 61	

Color Quality Scale: Qa= 67.7, Qf= 65.3, Qp= 74.1, Qg= 89.0

Q1 = 80	Q2 = 89	Q3 = 61	Q4 = 56	Q5 = 68	Q6 = 70	Q7 = 75	Q8 = 67
Q9 = 83	Q10 = 64	Q11 = 58	Q12 = 61	Q13 = 67	Q14 = 56	Q15 = 67	



Luminous Flux: 1574.39 lm Efficiency: 89.00 lm/W Radiant Power: 4.829 W

Voltage: 126.80V Current: 0.1440A Power: 17.69W
Power Factor: 0.9680 Frequency: 60.00Hz

Test Information

Scan Range: 380~800:1nm	Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 ms	Photometric Condition: Sphere diameter: 1.50m, 4P
Max of Signal: 49713 (4286)	CCD Integration Time: 344.64 ms



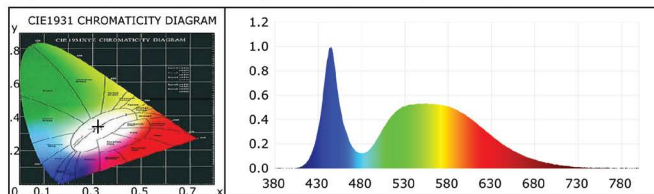
Product Number: ML-TU-CR1

Chromaticity coordinates: $x=0.3226$ $y=0.3449$ $u(u')=0.1987$ $v=0.3187$ $v'=0.4780$
 CCT: $T_c=5936K$ (duv=0.00640) Color Ratio: $R=0.126$ $G=0.838$ $B=0.036$
 Peak Wavelength: 444.8nm Half Bandwidth: 21.4nm
 Dominant Wavelength: 506.6nm Color Purity: 0.033
 CRI: Ra: Ra= 73.3

R1 = 73	R2 = 73	R3 = 71	R4 = 80	R5 = 75	R6 = 65	R7 = 81	R8 = 68
R9 = 0	R10 = 34	R11 = 81	R12 = 43	R13 = 71	R14 = 84	R15 = 69	

Color Quality Scale: Qa= 75.0, Qf= 74.4, Qp= 77.2, Qg= 89.9

Q1 = 82	Q2 = 94	Q3 = 70	Q4 = 65	Q5 = 74	Q6 = 77	Q7 = 82	Q8 = 89
Q9 = 91	Q10 = 76	Q11 = 71	Q12 = 72	Q13 = 74	Q14 = 63	Q15 = 71	



Luminous Flux: 1837.18 lm Efficiency: 103.27 lm/W Radiant Power: 5.546 W

Voltage: 127.00V Current: 0.2070A Power: 17.79W
Power Factor: 0.6750 Frequency: 60.00Hz

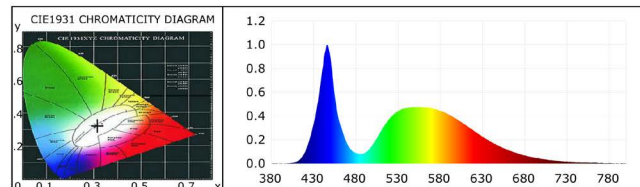
Test Information

Scan Range: 380~800:1nm	Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 ms	Photometric Condition: Sphere diameter: 1.50m, 4PI
Max of Signal: 44816 (3743)	CCD Integration Time: 305.15 ms



Product Type: TECNOLED
Product Number: RSL1-30W-BE

Chromaticity coordinates: $x=0.3155$ $y=0.3258$				$u'(u)=0.2010$ $v'(v)=0.3113$ $w'(w)=0.4670$			
CCT: Tc=6376K (duv=0.00012)				Color Ratio: R=0.124 G=0.842 B=0.034			
Peak Wavelength: 445.8nm				Half Bandwidth: 21.9nm			
Dominant Wavelength: 486.1nm				Color Purity: 0.066			
CRI: Ra: Ra= 71							
R1 = 74	R2 = 70	R3 = 64	R4 = 78	R5 = 75	R6 = 60	R7 = 78	R8 = 70
R9 = 0	R10 = 26	R11 = 79	R12 = 36	R13 = 70	R14 = 79	R15 = 72	
Color Quality Scale: Qa= 70.2, Qf= 68.4, Qg= 75.3, Qh= 90.8							
Q1 = 83	Q2 = 92	Q3 = 62	Q4 = 53	Q5 = 67	Q6 = 73	Q7 = 80	Q8 = 89
Q9 = 85	Q10 = 69	Q11 = 62	Q12 = 65	Q13 = 69	Q14 = 63	Q15 = 72	



Luminous Flux: 3129.33 lm Efficiency: 99.19 lm/W Radiant Power: 9.812 W

Voltage: 127.30V Current: 0.3470A Power: 31.55W
Power Factor: 0.7140 Frequency: 60.00Hz

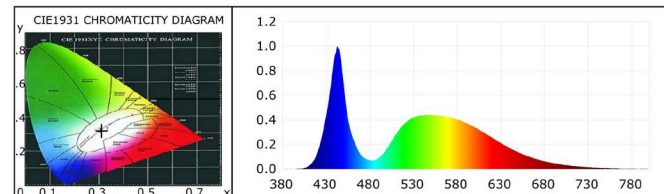
Test Information

Scan Range: 380~800:1nm	Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 ms	Photometric Condition: Sphere diameter: 1.50m, 4PI
Max of Signal: 49515 (4036)	CCD Integration Time: 169.68 ms



Product Type: TECNOLED
Product Number: RSL1-50W-BE

Chromaticity coordinates: x=0.3115 y=0.3210				u'(u)=0.2000 v=0.3092 v'=0.4638			
CCT: Tc=6538K (duv=0.00034)				Color Ratio: R=0.123 G=0.844 B=0.033			
Peak Wavelength: 442.8nm				Bandwidth: 21.5nm			
Dominant Wavelength: 484.1nm				Color Purity: 0.084			
CRI: Ra= 70.5							
R1 = 75	R2 = 69	R3 = 61	R4 = 76	R5 = 76	R6 = 60	R7 = 75	R8 = 75
R9 = 80	R10 = 24	R11 = 81	R12 = 40	R13 = 70	R14 = 78	R15 = 72	
Color Quality Scale: Qa= 71.6, Qf= 69.1, Qp= 78.0, Qg= 92.6							
Q1 = 84	Q2 = 90	Q3 = 63	Q4 = 58	Q5 = 71	Q6 = 76	Q7 = 81	Q8 = 9
Q9 = 84	Q10 = 68	Q11 = 62	Q12 = 65	Q13 = 71	Q14 = 65	Q15 = 74	



Luminous Flux: 4957.34 lm Efficiency: 107.84 lm/W Radiant Power: 15.850 W

Voltage: 126.90V	Current: 0.3670A	Power: 45.97W
Power Factor: 0.9860	Frequency: 60.00Hz	

Test Information

Scan Range: 380~800:1nm	Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 ms	Photometric Condition: Sphere diameter: 1.50m, 4P
Max of Signal: 44341 (3957)	CCD Integration Time: 90.67 ms

CERTIFICADOS



RoHS



Todos los productos TECNOLED cuentan con las certificaciones de la Norma Oficial Mexicana correspondiente a cada producto.

NOM-003-SCFI-2014: Productos Eléctricos - Especificaciones de Seguridad.

NOM-001-SCFI-1993: Aparatos electrónicos de uso doméstico alimentados por diferentes fuentes de energía eléctrica - Requisitos de seguridad y métodos de prueba.

NOM-030-ENER-2016: Eficacia luminosa de lámparas de diodos emisores de luz integrados para iluminación general. Límites y métodos de prueba.

NOM-031-ENER-2012: Eficiencia energética para luminarios LED destinado a vialidades y áreas exteriores.

Mismos certificados están a disposición de nuestros clientes en caso de requerirlos. Así mismo nuestros productos cuentan con las certificaciones CE y RoHS las cuales son de estándares internacionales.

Aunque no es requerido en el mercado nacional, tenemos la capacidad de ofrecer las certificaciones UL y ETL para proyectos específicos.

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