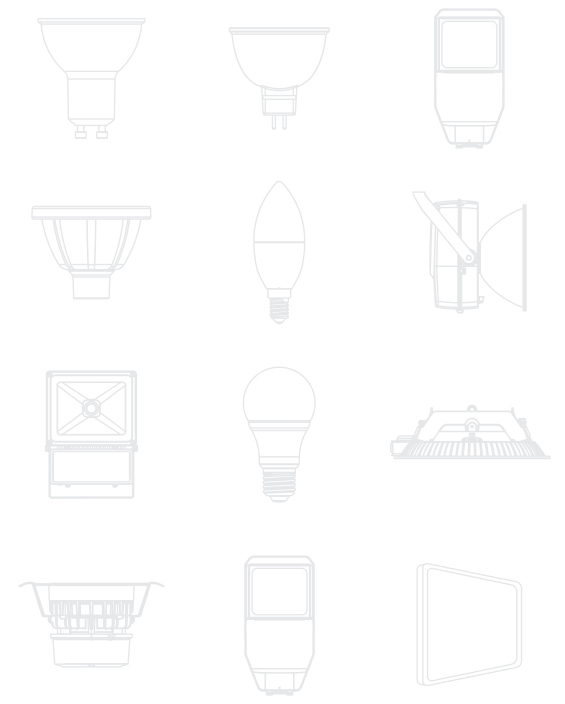
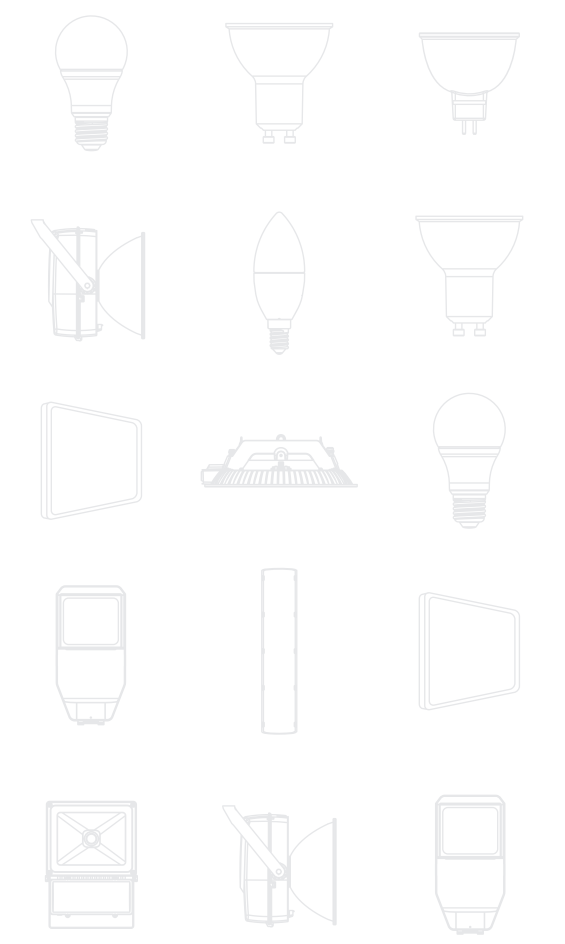


Lighting's
Good,
Life's Good



2015 NEW PRODUCT
LG LIGHTING



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LG LIGHTING

LG Electronics is the only brand that provides comprehensive solutions to vitalize you and your business at less cost of the natural environment.

Create optimal environments for people to live, work and relax.

Provide effective solutions for customers as a trusted partner.

Coexist with nature through sustainability.

LG LIGHTING brightens your future with innovative technology.

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Case Study



INNOVATION IN LG LIGHTING

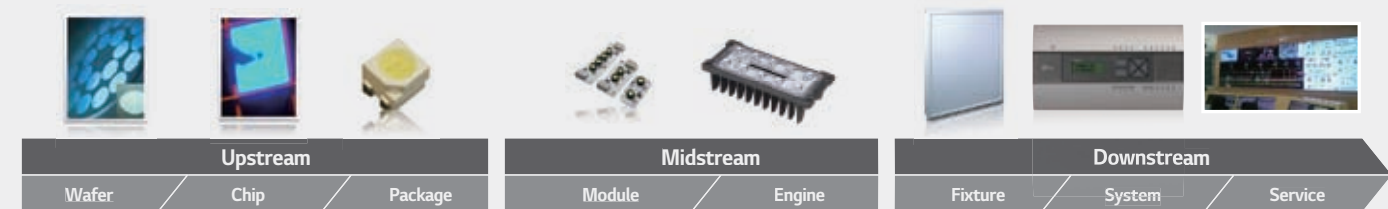
LG has integrated the entire value chain and invested more than one billion dollars to construct production facilities with a capacity of more than 200 million LED chips, including an advanced system to enable mass production of 6-inch wafers.

Thanks to our well-established LED TV and mobile businesses, LG already has the core technologies—effective thermal treatment, optic technology and high-efficiency power—to deliver advanced LED lighting products.

As one of the most respected consumer electronics companies, LG also provides lighting control and management solutions integrated with air conditioning, heating and electrical equipment. This product family enables us to monitor and optimize overall building energy consumption.

Vertical Integration of Value Chains

Full value chains coverage of LG enables economies of scale and technology leadership for cost reduction and product quality improvement.



Internal Certification Lab

CE(TÜV Rheinland) / UL / KC approval laboratory in LG lighting

- CE Certification (2011-)
- UL Certification (2011-)
- KC Certification (2013-)

Strict quality control

Testing labs are equipped with certified equipments and facilities to ensure product reliability and leading technology.



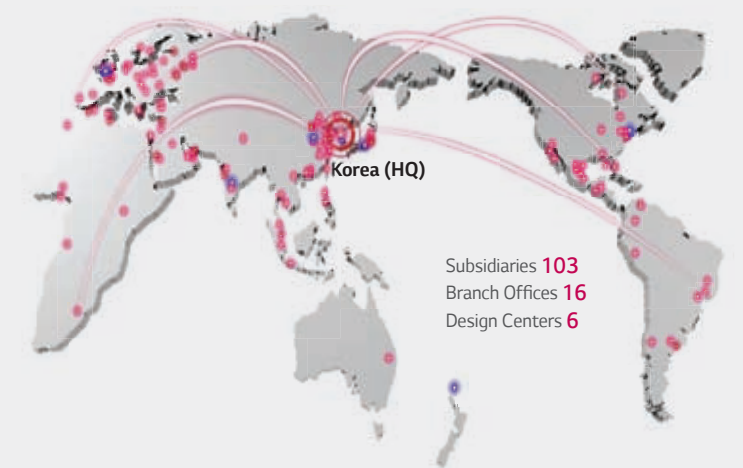
Technology of LG

LG Electronics has developed and implemented core technologies of LED lighting from other business divisions including TVs, home appliances, and mobile devices.



Global Network

Global Operations **119**
Workforce **83,000**



Subsidiaries **103**
Branch Offices **16**
Design Centers **6**

LAMP

08 LED Tube

10W / 19W / 23W / 25W

10 LED Bulb (A19)

6W / 9W / 20W / 33W

12 LED Candle

4W / 5.5W

13 LED T111

41W

14 LED MR16

6W

15 LED PAR16

4W / 5W / 6W





LAMP

LED Tube

10W / 19W / 23W / 25W

KEY FEATURES

- Easy installation replacing T8(26) fluorescent lamps
- Compatible with existing magnetic ballasts
- High lumen efficacy, over 100lm/W
- Certified by German VDE standardization institute

HAUPTMERKMALE

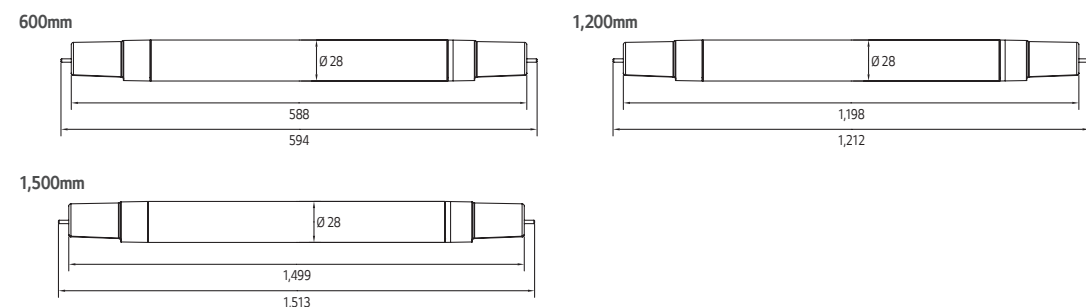
- Einfache Installation und Ersatz von T8 Leuchtstofflampen
- Kompatibel mit existierenden magnetischen Vorschaltgeräten
- Hohe Lumeneffizienz mit bis zu 126lm/W
- VDE zertifiziert

CARACTERÍSTICAS CLAVE

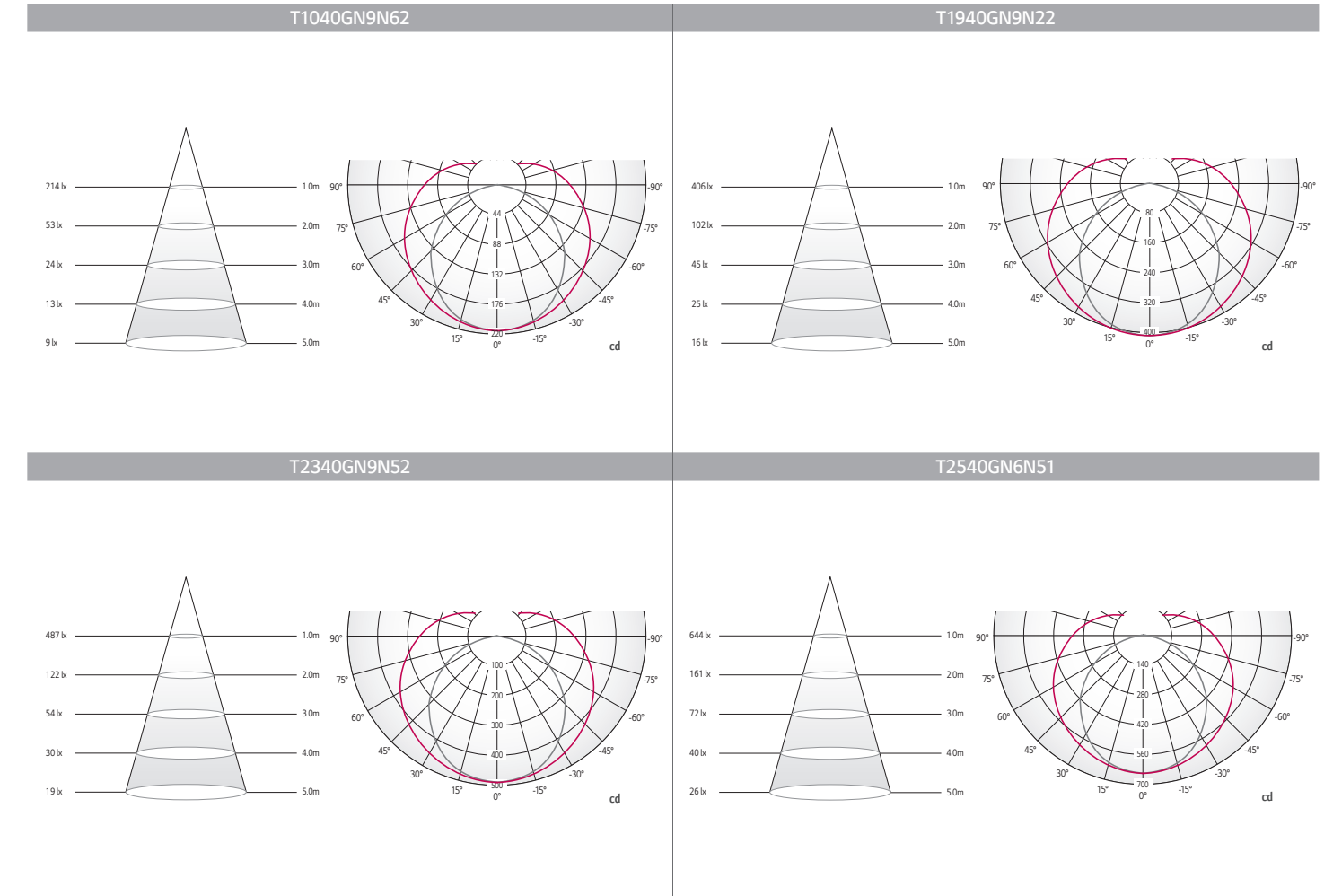
- Fácil instalación reemplazando T8 (26) Lámparas de fluorescenc
- Compatible con balastos magnéticos existentes
- Eficacia alta lumen (lumen eficacia más alta sobre 100lm/W)
- Certificado por el Instituto de normalización VDE alemán



DIMENSIONS (Unit : mm)



TECHNICAL DATA



SPECIFICATION

Model Number	Length	Power Consumption	Equivalent Wattage	Luminous Flux	Efficacy	Energy Efficiency Class	Color Temperature	Beam Angle	CRI	Lifetime	Base	Input Voltage	Input Frequency	Dimensions	Weight	Dimmable	Certification
NEW T1030GN9N62				1,000	100	A	3000										
NEW T1040GN9N62 ✓	600	10	18	1,050	105	A+	4000							Ø28 x 588	135		
NEW T1050GN9N62				1,100	110	A+	5000										
NEW T1930GN9N22				1,900	100	A	3000										
NEW T1940GN9N22 ✓	1,200	19	36	2,000	105	A	4000	180	>80	40,000	G13	220-240	50/60	Ø28 x 1,198	231	No	CE VDE
NEW T1950GN9N22				2,100	111	A+	5000										
NEW T2330GN9N52				2,300	100	A	3000										
NEW T2340GN9N52 ✓		23	58	2,415	105	A	4000								274		
NEW T2350GN9N52	1,500			2,530	110	A+	5000							Ø28 x 1,499			
NEW T2540GN6N51 ✓		25	58	3,100	124	A+	4000								390		
NEW T2557GN6N51 ✓				3,150	126	A+	5700										

✓ marked models for Europe

Design and specifications are subject to change without prior notice.



LAMP

LED Bulb (A19)

6W / 9W / 20W / 33W

KEY FEATURES

- Low maintenance cost, 22-year-lifetime (3 operating hours per day)
- Omni directional lamp ideal replacement of 40W/60W incandescent lamps
- Over 83% energy saving
- No flickering & instant full light when switched on

HAUPTMERKMALE

- Geringe Wartungskosten - Lebensdauer von bis zu 22 Jahren (bei 3 Stunden Betrieb pro Tag)
- Weiter Abstrahlwinkel und dadurch idealer Ersatz für 40W/60W Glühlampen
- Über 83% Energieersparnis
- Kein Flackern und sofortiges Licht beim Einschalten

CARACTERÍSTICAS CLAVE

- Bajo coste del mantenimiento de - 22 años la vida útil (operación 3H por día)
- Omni lámpara direccional reemplazo ideal de las lámparas incandescentes de 40W/60W
- Más del 83% de ahorro energético
- No parpadeo y la luz completa inmediata al conectar

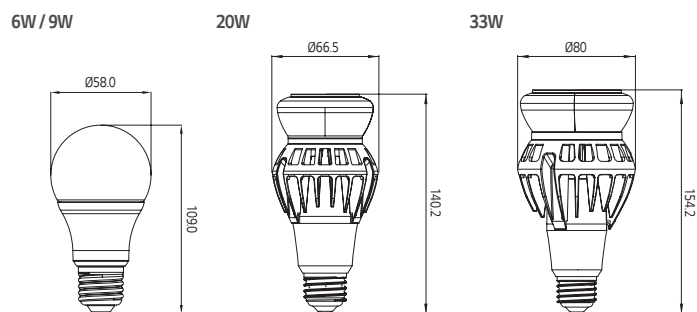


6W / 9W

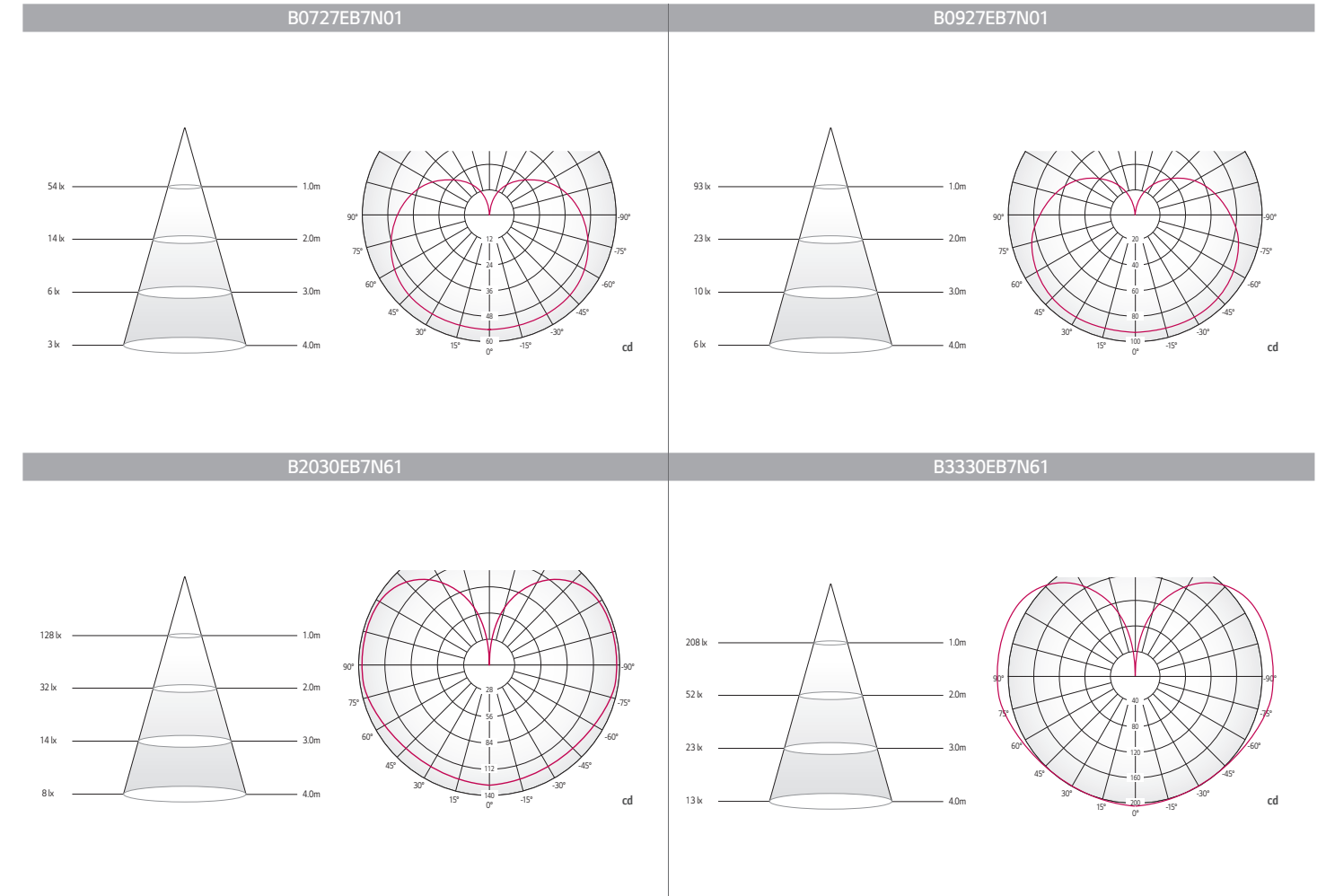
20W

33W

DIMENSIONS (Unit : mm)



TECHNICAL DATA



SPECIFICATION

Model Number	Power Consumption	Equivalent Wattage	Luminous Flux	Efficacy	Energy Efficiency Class	Color Temperature	Beam Angle	CRI	Lifetime	Base	Input Voltage	Input Frequency	Dimensions	Weight	Dimmable	Certification
	W	W	lm	lm/W	-	K	°	-	hrs	-	VAC	Hz	mm	g	-	-
NEW B0727EB7N01 ✓	6	40	470	78	A+	2700							Ø58 x 109	68		
NEW B0927EB7N01 ✓	9	60	810	90			270	80	25,000	E27	220-240	50/60		118	No	CE
B2030EB7N61 ✓	20	100	1,521	76	A	3000							Ø66.5 x 140.2	180		
B3330EB7N61 ✓	33	150	2,452	74									Ø80 x 154.2	370		

✓ marked models for Europe

Design and specifications are subject to change without prior notice.



LAMP

LED CANDLE

4W / 5.5W

KEY FEATURES

- Low maintenance cost, 22-year-lifetime (3 operating hours per day)
- Ideal replacement of 25W incandescent candle
- Over 80% energy saving
- No flickering & instant full light when switched on

HAUPTMERKMALE

- Geringe Wartungskosten - Lebensdauer von bis zu 22 Jahren (bei 3 Stunden Betrieb pro Tag)
- Idealer Ersatz für 25W konventionelle Kerzenlampen
- Über 80% Energieersparnis
- Kein Flackern und sofortiges Licht beim Einschalten

CARACTERÍSTICAS CLAVE

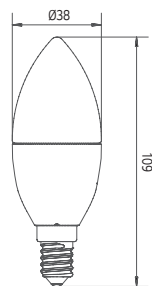
- Bajo coste del mantenimiento de - 22 años la vida útil (operación 3H por día)
- Reemplazo ideal de 25W incandescente de la vela
- Más del 80% de ahorro energético
- No parpadeo y la luz completa inmediata al conectar



5.5W FROSTED

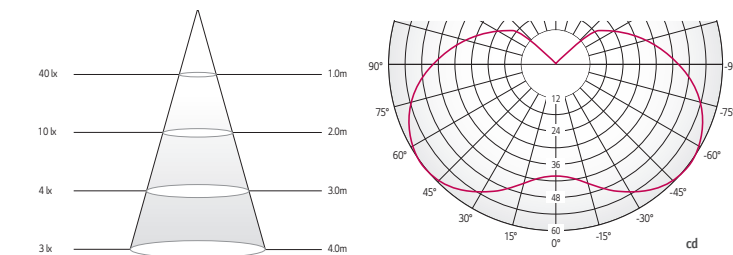
DIMENSIONS (Unit : mm)

5.5W



TECHNICAL DATA

C0627EB5N41



SPECIFICATION



Model Number	Optic Cover	Power Consumption	Equivalent Wattage	Luminous Flux	Efficacy	Energy Efficiency Class	Color Temperature	CRI	Lifetime	Base	Input Voltage	Input Frequency	Dimensions	Weight	Dimmable	Certification
		W	W	lm	lm/W	K	VAC				Hz	mm	g			
C0427EA5T01	Clear	4	25	300	75	A+	2700	80	25,000	E14	220-240	50/60	Ø37 x 114	60	Yes (Triac)	CE
C0627EB5N41 ✓	Frosted	5.5	40	470	85				15,000				Ø38 x 109	51	No	

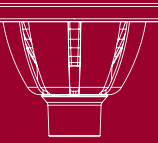
✓ marked models for Europe

Design and specifications are subject to change without prior notice.

LAMP

LED T111

41W



KEY FEATURES

- Equivalent to Ceramic Metal Halide(CMH) 70W lamp
- Low heat emission - 100 °C
- Instant re-strike time within 0.1 sec.
- 3 times longer lifetime compared to conventional CMH 70W

HAUPTMERKMALE

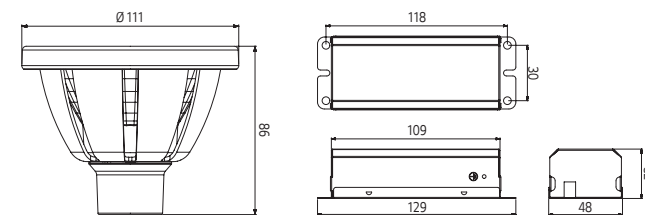
- Ersetzt 70W Keramikbrennerlampen
- Geringe Hitzeentwicklung von 100°C
- Wiederzündzeit von nur 0,1 Sek.
- Bis zu 3 mal längere Lebenszeit im Vergleich zu 70W Keramikbrennerlampen

CARACTERÍSTICAS CLAVE

- Equivalente a la lámpara CMH 70W
- Baja emisión de calor - 100 °C
- Instante de tiempo de reencendido en 0,1 seg.
- 3 veces más largo de toda la vida en comparación con el convencional CMH 70W



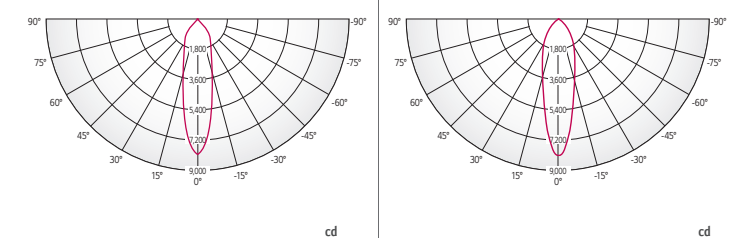
DIMENSIONS (Unit : mm)



TECHNICAL DATA

R4130025N01

R4140025N01



SPECIFICATION



Model Number	Power Consumption	Equivalent Wattage	Luminous Flux	Efficacy	Energy Efficiency Class	Color Temperature	Beam Angle	CBCP	CRI	Lifetime	Base	Input Voltage	Input Frequency	Dimensions	Weight	Dimmable	Certification
	W	W	lm	lm/W	K	°	cd					hrs	VAC	Hz			
R4130025N01	41	70	3,250	79	A	3000	25	8,400	83	35,000	connector	220-240	50/60	Lamp Ø111 x 86	349	No	CE
R4140025N01	(46 with Converter)		3,300	80		4000		8,500						Converter 129 x 48 x 32	(134+215)		

✓ marked models for Europe

Design and specifications are subject to change without prior notice.



LAMP

LED MR16

6W

KEY FEATURES

- Low maintenance cost, 13-year-lifetime (3 operating hours per day)
- Equivalent to 35W conventional MR16 lamp
- Suitable for illuminating heat - sensitive objects and POS displays
- No flickering & instant full light when switched on

HAUPTMERKMALE

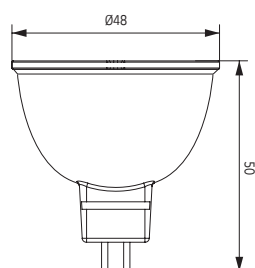
- Geringe Wartungskosten - Lebensdauer von bis zu 13 Jahren (bei 3 Stunden Betrieb pro Tag)
- Ersetzt eine konventionelle 35W MR16-Halogenlampe
- Ideal zur Beleuchtung von wärmeempfindlichen Objekten und Ausstellungsstücken
- Kein Flackern und sofortiges Licht beim Einschalten

CARACTERÍSTICAS CLAVE

- Bajo coste del mantenimiento de - 13 años la vida útil (operación 3H por día)
- Equivalente a 35W lámpara MR16 convencional
- Adecuado para iluminar objetos sensibles al calor y las pantallas de punto de venta
- No parpadeo y la luz completa inmediata al conectar

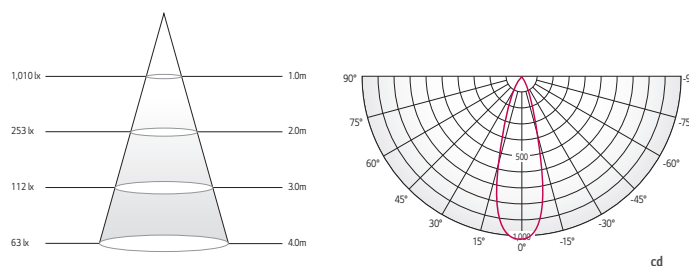


DIMENSIONS (Unit : mm)



TECHNICAL DATA

M0727U35N01

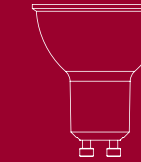


SPECIFICATION

Model Number	Power Consumption	Equivalent Wattage	Luminous Flux	Efficacy	Energy Efficiency Class	Color Temperature	Beam Angle	CBCP	CRI	Lifetime	Base	Input Voltage	Input Frequency	Dimensions	Weight	Dimmable	Certification
	W	W	lm	lm/W	-	K	°	cd	-	hrs	-	V	Hz	mm	g	-	-
NEW M0727U35N01 ✓	6	35	400	67	A+	2700	35	1,200	80	25,000	GU5.3	AC/DC12	50/60	Ø 48 x 50	55	No	CE

✓ marked models for Europe

Design and specifications are subject to change without prior notice.



LAMP

LED PAR16

4W / 5W / 6W

KEY FEATURES

- Low maintenance cost, 22-year-lifetime (3 operating hours per day)
- Equivalent to 35W / 50W conventional halogen PAR16 lamps
- More than 88% energy saving
- Compatible with conventional dimmers for additional energy saving

HAUPTMERKMALE

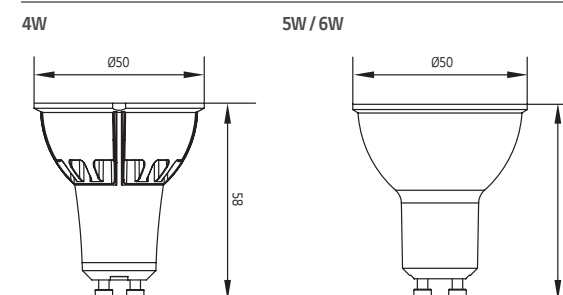
- Geringe Wartungskosten - Lebensdauer von bis zu 22 Jahren (bei 3 Stunden Betrieb pro Tag)
- Idealer Ersatz für konventionelle PAR16-Halogenlampen mit 35W / 50W
- Über 88% Energieersparnis
- Kompatibel mit geeigneten Dimmern

CARACTERÍSTICAS CLAVE

- Bajo coste del mantenimiento de - 22 años la vida útil (operación 3H por día)
- Equivalente a 35W / 50W PAR16 lámparas halógenas convencionales
- Más del 88% de ahorro energético
- Compatible con reguladores convencionales para el ahorro de energía adicional

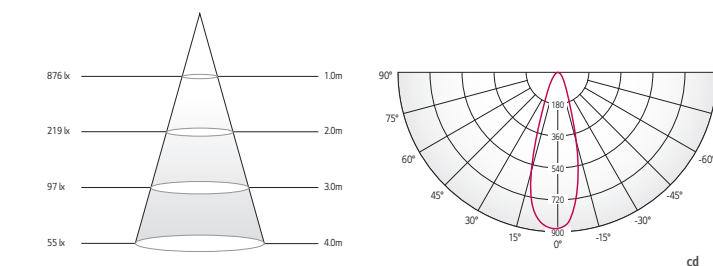


DIMENSIONS (Unit : mm)



TECHNICAL DATA

P0527G35N01



SPECIFICATION

Model Number	Power Consumption	Equivalent Wattage	Luminous Flux	Efficacy	Energy Efficiency Class	Color Temperature	Beam Angle	CBCP	CRI	Lifetime	Base	Input Voltage	Input Frequency	Dimensions	Weight	Dimmable	Certification
	W	W	lm	lm/W	-	K	°	cd	-	hrs	-	VAC	Hz	mm	g	-	-
P0427G30N11 ✓	4	35	230	58	A+	2700	30	700	80	15,000	GU10	220-240	50/60	Ø50 x 58	43	No	CE
NEW P0527G35N01 ✓	5	50	345	69			35	900						47	Yes (Triac)		
NEW P0727G25T01	6	50	450	75			25	2,000						69			
NEW P0727G35T01 ✓	6	50	450	75			35	1,200						69			

✓ marked models for Europe

Design and specifications are subject to change without prior notice.

INDOOR LUMINAIRE

18 LED Flat Light
33W / 35W / 36W

20 LED Downlight
6.5W / 11.5W / 22W / 34W
12W / 22W / 34W



INDOOR LUMINAIRE

LED Flat Light

33W / 35W / 36W

KEY FEATURES

- Achieves energy savings of up to 54%
- Seamless design
- High uniformity for perfect atmosphere
- Satisfies EN 12464-1 glare standard
- 0-10V dimming, with further dimming options such as motion sensor, ZigBee/DALI protocol

HAUPTMERKMALE

- Energieersparnis von bis zu 54 %
- Nahtloses Design
- Hohe Gleichmäßigkeit für die perfekte Atmosphäre
- Erfüllt die Entblendnorm EN 12464-1
- 0 - 10 V dimmbar, mit weiteren Dimm-Optionen wie Bewegungsmelder, ZigBee/DALI

CARACTERÍSTICAS CLAVE

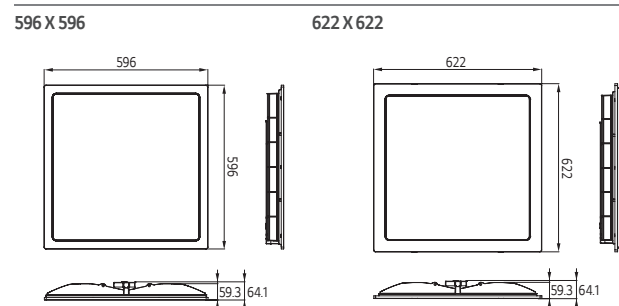
- Ahorro energético de hasta un 54%
- Diseño continuo
- Alta uniformidad para ofrecer una atmósfera perfecta
- Cumple la norma sobre deslumbramiento EN 12464-1
- Regulación de atenuación de 0 - 10 V con opciones adicionales de regulación de atenuación, como por ejemplo sensor de movimiento, protocolo ZigBee/DALI



APPLICATIONS

Offices / Healthcare / School

DIMENSIONS (Unit : mm)



OPTIONS

DALI DONGLE

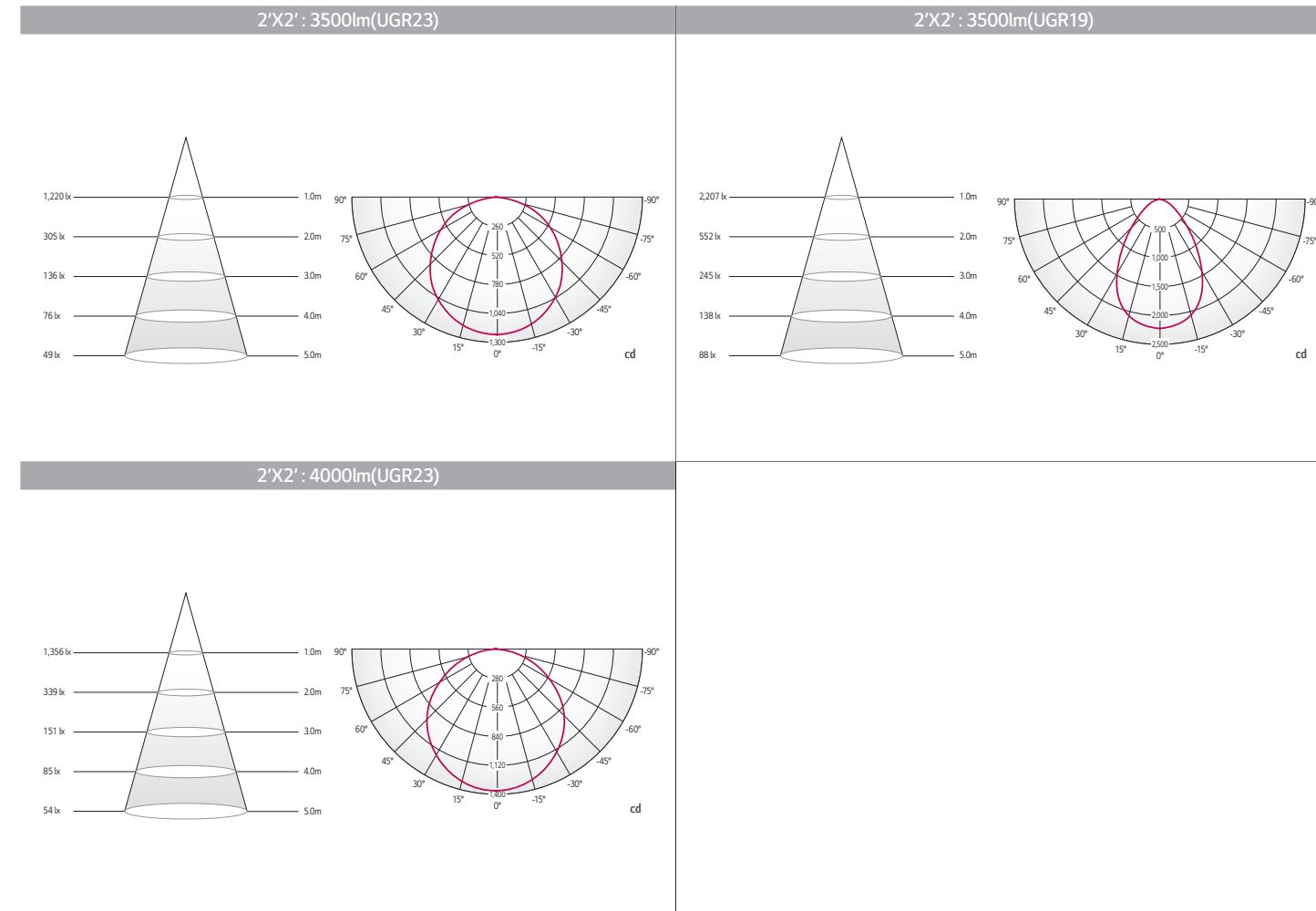
MOTION SENSOR



CM060613PDA

9SD441TVDA

TECHNICAL DATA



SPECIFICATION



Model Number	Power Consumption	Luminous Flux	Efficacy	Color Temperature	Beam Angle	CRI	UGR	IP	Glow Wire Test	Lifetime	Operating Temperature	Input Voltage	Input Frequency	Dimensions	Installation	Weight	Dimmable	Certification
	W	lm	lm/W	K	°	-	-	-	°C	hrs	°C	VAC	Hz	mm	-	kg	-	-
NEW F3330TC117B	33	3,500	110	3000	114	80	23	40	650	50,000	-20 - +40	220-240	50/60	622 x 622 x 64.1	T-Bar Lay-in	2.5	Yes (0-10V) *optional DALI Zigbee	CE ENEC
NEW F3340TC117B ✓				4000														
NEW F3530TA017B ✓				3000														
NEW F3540TA017B ✓	35	4,000	100	4000	82	19	40	850	50,000	-20 - +40	220-240	50/60	596 x 596 x 64.1	T-Bar Lay-in	2.53	No	CE	
NEW F3530TA015B				3000														
NEW F3540TA015B ✓	36	4,000	110	4000	114	23	40	650	50,000	-20 - +40	220-240	50/60	596 x 596 x 64.1	T-Bar Lay-in	2.36	No	CE	
NEW F3550TA015B				5000														
NEW F3630TC1N5B				3000														
NEW F3640TC1N5B	36	4,000	110	4000	114	23	40	650	50,000	-20 - +40	220-240	50/60	596 x 596 x 64.1	T-Bar Lay-in	2.36	No	CE	
NEW F3650TC1N5B				5000														

✓ marked models for Europe

Design and specifications are subject to change without prior notice.

INDOOR LUMINAIRE

LED Downlight

6.5W / 11.5W / 22W / 34W

KEY FEATURES

- Achieves energy savings of up to 46%
- Slim and minimal design for seamless ceiling
- Reduced glare thanks to cut-off trim
- IP44 for damp locations
- 0-10V dimming, with further dimming options such as motion sensor, ZigBee/DALI protocol

HAUPTMERKMALE

- Energieersparnis von bis zu 46 %
- Schlankes, minimalistisches Design für die nahtlose Deckengestaltung
- Reduzierte Blendwirkung dank Abblendkonus
- IP44 für feuchte Einsatzgebiete
- 0 - 10 V dimmbar, mit weiteren Dimm-Optionen wie Bewegungsmelder, ZigBee/DALI

CARACTERÍSTICAS CLAVE

- Ahorro energético de hasta un 46%
- Diseño delgado y minimalista para techo continuo
- Reducción del deslumbramiento gracias al ajuste de corte
- IP44 para ubicación húmeda
- Regulación de atenuación de 0 - 10 V con opciones adicionales de regulación de atenuación, como por ejemplo sensor de movimiento, protocolo ZigBee/DALI



4 INCH

6 INCH / 8 INCH

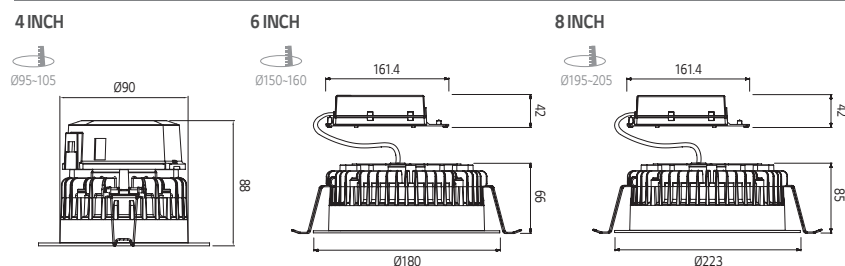


CONVERTER

APPLICATIONS

Offices / School / Auditorium

DIMENSIONS (Unit : mm)



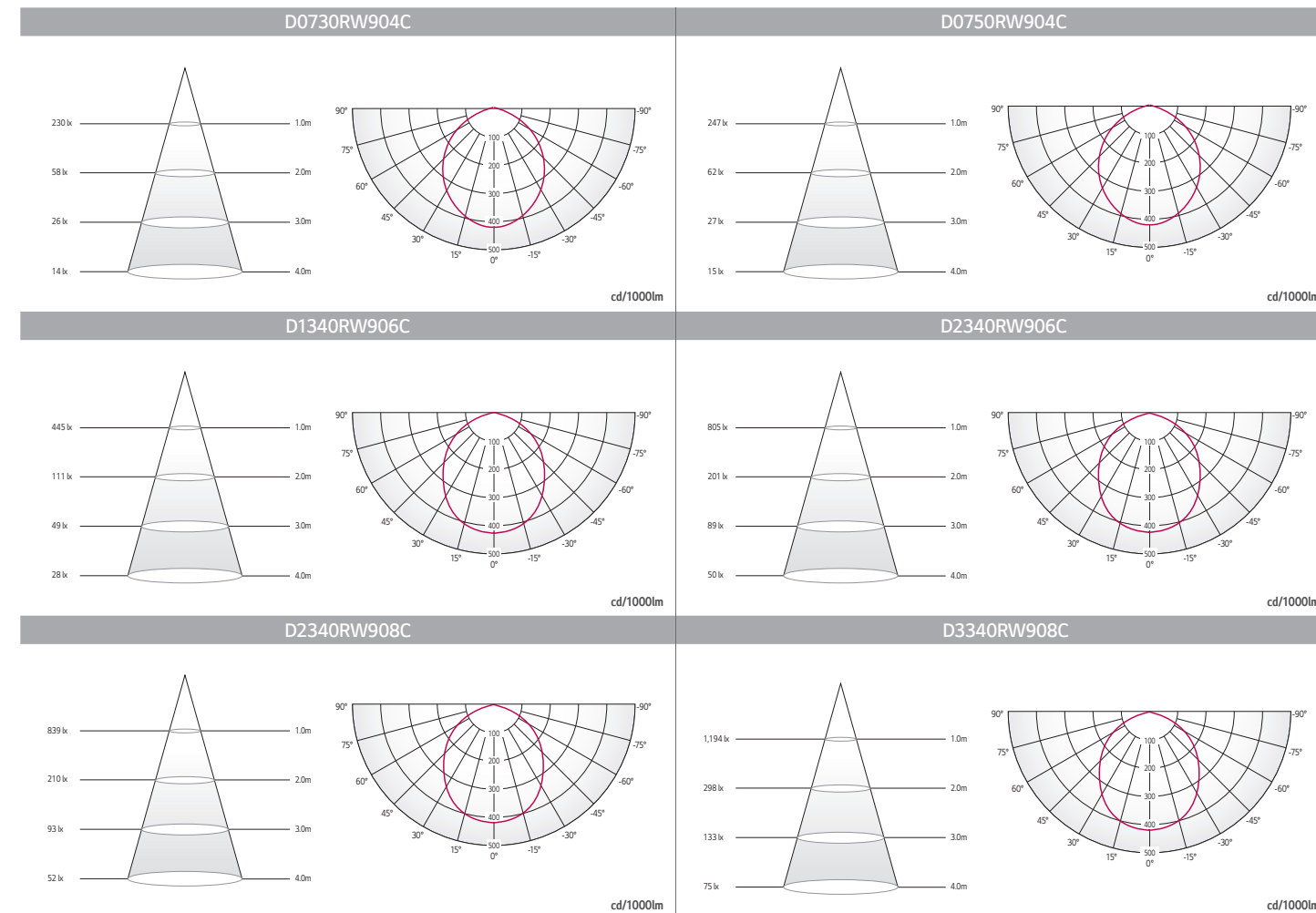
OPTIONS



CM060613PDA

9SD441TVDA

TECHNICAL DATA



SPECIFICATION



Model Number	Inch	Power Consumption	Luminous Flux	Efficacy	Color Temperature	Beam Angle	CRI	UGR	IP	Glow Wire Test	Power Factor	Lifetime	Storage Temperature	Operating Temperature	Input Voltage	Input Frequency	Dimensions	Weight	Dimmable	Certification
	"	W	lm	lm/W	K	"	-	-	-	°C	-	hrs	°C	°C	VAC	Hz	mm	kg	-	-
D0730RW904C	4	6.5	550	85	3000	100	82	27	44	850	>0.9	50,000	-20-70	-20-40	220-240	50/60	Ø120 x 88	0.4	Yes (0-10V)	CE
D0750RW904C			590	91	5000															
D1330RW906C ✓	6	11.5	1,000	87	3000	100	82	25	44	850	>0.9	50,000	-20-70	-20-40	100-240	50/60	Ø180 x 66	0.8	Yes (0-10V) *optional DALI ZigBee	CE ENEC
D1340RW906C ✓			1,050	91	4000															
D1350RW906C			1,070	93	5000															
D2330RW906C ✓			1,800	82	3000															
D2340RW906C ✓			1,900	86	4000															
D2350RW906C			2,000	91	5000															
D2330RW908C ✓	8	22	1,900	86	3000	100	82	26	44	850	>0.9	50,000	-20-70	-20-40	100-240	50/60	Ø223 x 85	1.2	Yes (0-10V) *optional DALI ZigBee	CE ENEC
D2340RW908C ✓			2,000	91	4000															
D2350RW908C			2,050	93	5000															
D3330RW908C ✓			2,800	82	3000															
D3340RW908C ✓			2,850	84	4000															
D3350RW908C			2,950	87	5000															

✓ marked models for Europe

Design and specifications are subject to change without prior notice.

INDOOR LUMINAIRE

LED Downlight

12W / 22W / 34W

KEY FEATURES

- Achieves energy savings of up to 46%
- Satisfies EN 12464-1 glare standard
- Louver for anti-glare
- Durability against dust pollution certified by IP54
- 0-10V dimming, with further dimming options such as motion sensor, ZigBee/DALI protocol

HAUPTMERKMALE

- Energieersparnis von bis zu 46 %
- Erfüllt die Entblendungsnorm EN 12464-1
- Antiblenderaster
- Dauerhafter Staubschutz nach Schutzart IP54
- 0 - 10 V dimmbar, mit weiteren Dimm-Optionen wie Bewegungsmelder, ZigBee/DALI

CARACTERÍSTICAS CLAVE

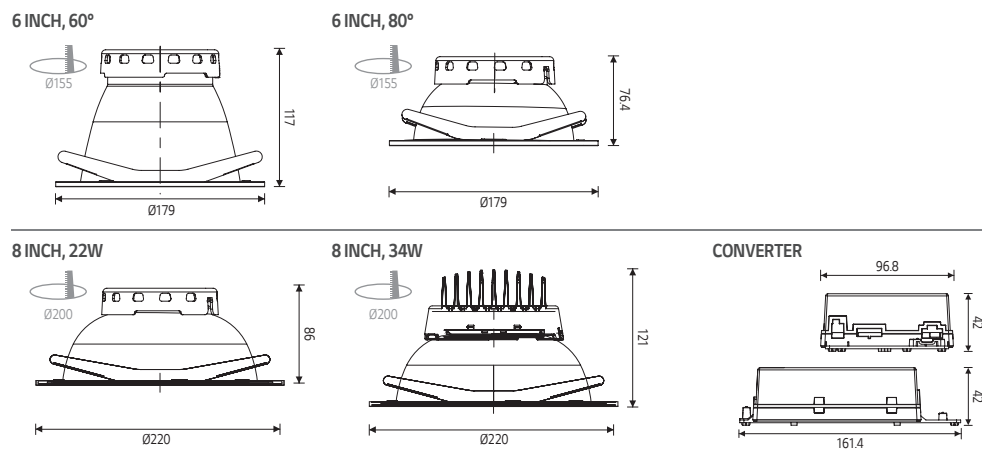
- Ahorro energético de hasta un 46%
- Cumple la norma sobre deslumbramiento EN 12464-1
- Persiana antideslumbramiento
- Durabilidad por contaminación por polvo con certificación IP54
- Regulación de atenuación de 0 - 10 V con opciones adicionales de regulación de atenuación, como por ejemplo sensor de movimiento, protocolo ZigBee/DALI



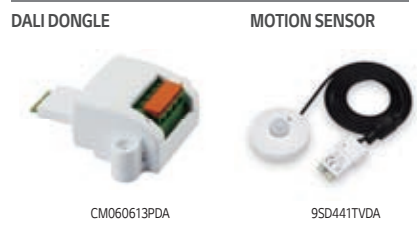
APPLICATIONS

Offices / Hotels / Retail / Airports / Terminals

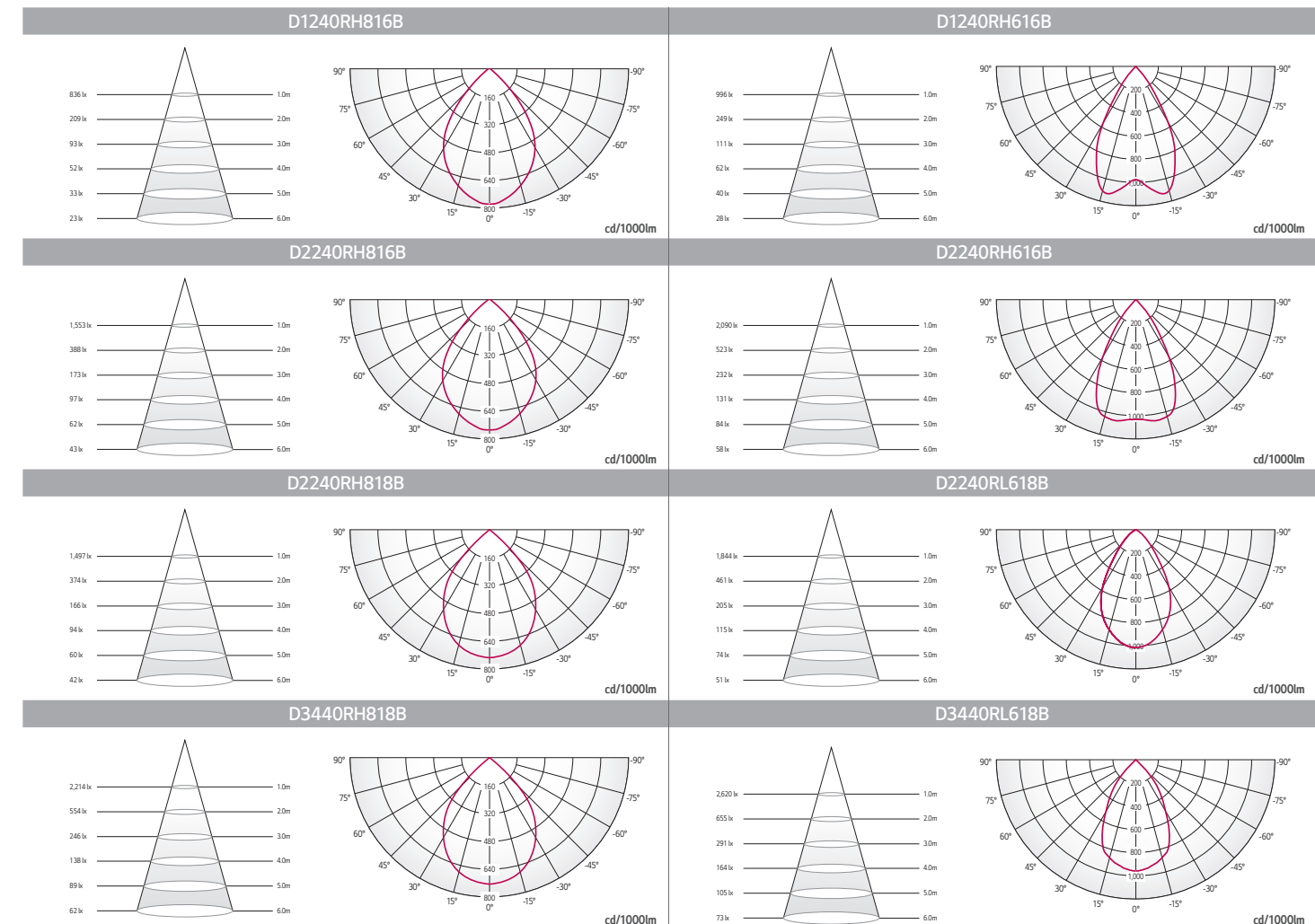
DIMENSIONS (Unit : mm)



OPTIONS



TECHNICAL DATA



SPECIFICATION



Model Number	Inch	Power Consumption	Luminous Flux	Efficacy	Color Temperature	Beam Angle	CRI	UGR	IP	IK	Glow Wire Test	Power Factor	Lifetime	Storage Temperature	Operating Temperature	Input Voltage	Input Frequency	Dimensions	Weight	Dimmable	Certification	
		W	lm	lm/W	K	°					°C		hrs	°C	°C	VAC	Hz	mm	kg			
D1230RH816B	6	12	1,020	85	3000	60	83	22	54	07	850	0.9	50,000	-20-60	-20-40	120-277	50/60	Ø179 x 76.4	0.6	Yes (0-10V) optional DALI ZigBee	CE ENEC	
D1240RH816B			1,080	90	4000																	
D1250RH816B			1,090	91	5000																	
D1230RH616B			960	80	3000																	
D1240RH616B			1,020	85	4000																	
D1250RH616B			1,040	87	5000																	
D2230RH816B		22	22	2,020	92	3000	60	19	19	19	19	850	0.9	50,000	-20-60	-20-40	120-277	50/60	Ø179 x 117	0.7	Yes (0-10V) optional DALI ZigBee	CE ENEC
D2240RH816B				2,130	97	4000																
D2250RH816B				2,160	98	5000																
D2230RH616B				1,930	88	3000																
D2240RH616B				2,020	92	4000																
D2250RH616B				2,070	94	5000																
D2230RH818B	22	22	2,050	93	3000	60	19	19	19	19	850	0.9	50,000	-20-60	-20-40	120-277	50/60	Ø220 x 86	0.7	Yes (0-10V) optional DALI ZigBee	CE ENEC	
D2240RH818B			2,160	98	4000																	
D2250RH818B			2,200	100	5000																	
D2230RL618B			1,720	78	3000																	
D2240RL618B			1,810	82	4000																	
D2250RL618B			1,840	84	5000																	
D3430RH818B	34	34	3,050	90	3000	60	19	19	19	19	850	0.9	50,000	-20-60	-20-40	120-277	50/60	Ø220 x 121	1	Yes (0-10V) optional DALI ZigBee	CE ENEC	
D3440RH818B			3,230	95	4000																	
D3450RH818B			3,290	97	5000																	
D3430RL618B			2,540	75	3000																	
D3440RL618B	2,710	80	4000																			
D3450RL618B	2,740	81	5000																			

✓ marked models for Europe

Design and specifications are subject to change without prior notice.

OUTDOOR INDUSTRIAL

26 LED Streetlight

13.6W ~ 56W
38W ~ 180W

30 LED High Bay Light

115W ~ 180W

32 LED Waterproof Light

22W / 46W

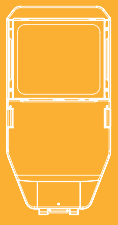
33 LED Flood Light

100W

34 PLS (Plasma Lighting System)

1KW / 1.8KW





OUTDOOR / INDUSTRIAL

LED Streetlight

13.6W ~ 56W

KEY FEATURES

- Achieves energy savings of up to 51%
- Slim edge Design for distinctive urban landscape
- Tool-less latch open for easy installation, maintenance and upgrade
- Long lifetime, with high lumen maintenance
- Photo sensor receptacle, PLC/Wireless Control optional

HAUPTMERKMALE

- Energieersparnis von bis zu 51 %
- Design mit schlankem Rand im typisch urbanen Stil
- Kein Werkzeug erforderlich zum Öffnen des Verschlusses für Montage, Wartung und Umrüstung
- Lange Lebensdauer mit hohem Lampenlichtstromerhalt
- Stecker mit Fotosensor, SPS/Drahtlossteuerung optional

CARACTERÍSTICAS CLAVE

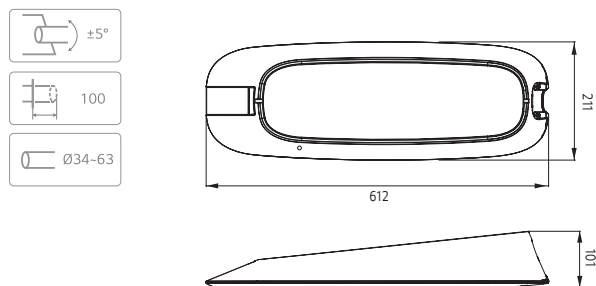
- Ahorro energético de hasta un 51%
- Diseño de borde delgado para paisaje urbano distintivo
- Apertura de pestillo sin herramientas para facilitar la instalación, mantenimiento y actualización
- Vida útil prolongada con mantenimiento de lumen alto
- Receptáculo de fotosensor, PLC/control inalámbrico opcional



APPLICATIONS

Residential area / Park / Streets / Pedestrian / Cycle paths / Car parks

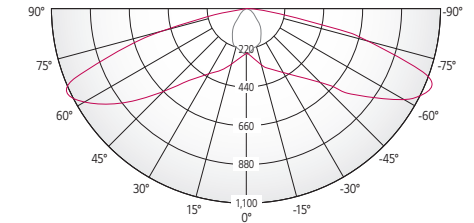
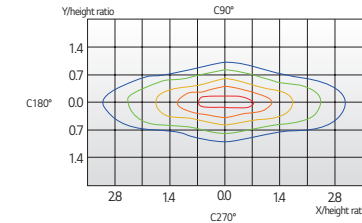
DIMENSIONS (Unit : mm)



TECHNICAL DATA

Type I

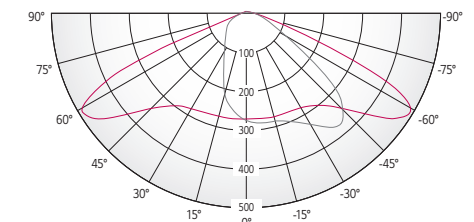
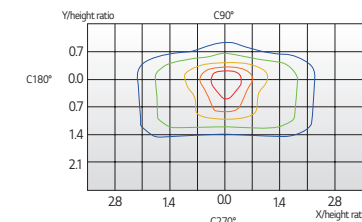
Lx/1000lm	6M	8M	10M
Max.	8.21	4.62	2.96
80%	6.6	3.7	2.4
60%	4.9	2.8	1.8
40%	3.3	1.8	1.2
20%	1.6	0.9	0.6
10%	0.8	0.5	0.3



cd / 1,000lm

Type II

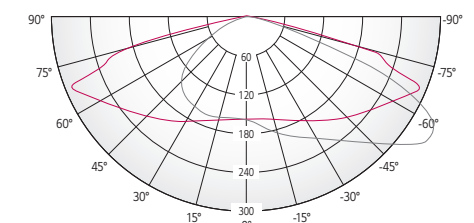
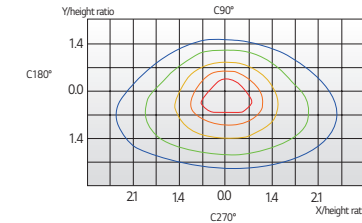
Lx/1000lm	6M	8M	10M
Max.	7.92	4.46	2.85
80%	6.3	3.6	2.3
60%	4.8	2.7	1.7
40%	3.2	1.8	1.1
20%	1.6	0.9	0.6
10%	0.8	0.4	0.3



cd / 1,000lm

Type III

Lx/1000lm	6M	8M	10M
Max.	4.72	2.65	1.7
80%	3.8	2.1	1.4
60%	2.8	1.6	1.0
40%	1.9	1.1	0.7
20%	0.9	0.5	0.3
10%	0.5	0.3	0.2



cd / 1,000lm

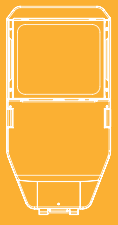
SPECIFICATION

Model Number	Power Consumption	Optical Distribution	Luminous Flux	Efficacy	Color Temperature	CRI	IP	IK	Maintenance of lumen output	Operating Temperature	Input Voltage	Input Frequency	Output Current	Dimensions	Weight	Dimmable	Certification
	W	-	lm	lm/W	K	-	-	-	hrs	°C	VAC	Hz	mA	mm	kg	-	-
SA4400T191A	13.6	Type I	1,540	113	4000	>70	66	08	100,000	-40-50	120-240	50/60	400	612 x 211 x 101	4	Yes (1-10V)	CE
SA4400T291A		Type II	1,540	113													
SA4400T391A		Type III	1,500	110													
S40400T191A	38	Type I	3,870	102	4000	>70	66	08	100,000	-40-50	120-240	50/60	700	612 x 211 x 101	4	Yes (1-10V)	CE
S40400T291A		Type II	3,870	102													
S40400T391A		Type III	3,770	99													
S40500T191A	47	Type I	4,030	106	5000	>70	66	08	100,000	-40-50	120-240	50/60	700	612 x 211 x 101	4	Yes (1-10V)	CE
S40500T291A		Type II	4,030	106													
S40500T391A		Type III	3,920	103													
S50400T191A	56	Type I	4,830	103	4000	>70	66	08	100,000	-40-50	120-240	50/60	700	612 x 211 x 101	4	Yes (1-10V)	CE
S50400T291A		Type II	4,830	103													
S50400T391A		Type III	4,700	100													
S50500T191A	56	Type I	5,030	107	5000	>70	66	08	100,000	-40-50	120-240	50/60	700	612 x 211 x 101	4	Yes (1-10V)	CE
S50500T291A		Type II	5,030	107													
S50500T391A		Type III	4,900	104													
S60400T191A	56	Type I	5,750	103	4000	>70	66	08	100,000	-40-50	120-240	50/60	700	612 x 211 x 101	4	Yes (1-10V)	CE
S60400T291A		Type II	5,750	103													
S60400T391A		Type III	5,600	100													
S60500T191A	56	Type I	5,990	107	5000	>70	66	08	100,000	-40-50	120-240	50/60	700	612 x 211 x 101	4	Yes (1-10V)	CE
S60500T291A		Type II	5,990	107													
S60500T391A		Type III	5,830	104													

✓ marked models for Europe

Design and specifications are subject to change without prior notice. The 530mA and 350mA products are also available, in addition to the 700mA products.





OUTDOOR / INDUSTRIAL

LED Streetlight

38W ~ 180W

KEY FEATURES

- Achieves energy savings of up to 55%
- Tool-less installation, maintenance and upgrade
- Product reliability with IP66, IK08 and surge protection with 10kV
- Photo sensor receptacle, PLC/Wireless Control optional
- Can be applied to various road types by changing lenses

HAUPTMERKMALE

- Energieersparnis von bis zu 55 %
- Kein Werkzeug erforderlich für Montage, Wartung und Umrüstung
- Produktzuverlässigkeit durch IP66/IK08 und 10kV-Überspannungsschutz
- Stecker mit FOTOSENSOR, SPS/Drahtlossteuerung optional
- Geeignet für unterschiedliche Straßenarten, nach Optiken sortiert

CARACTERÍSTICAS CLAVE

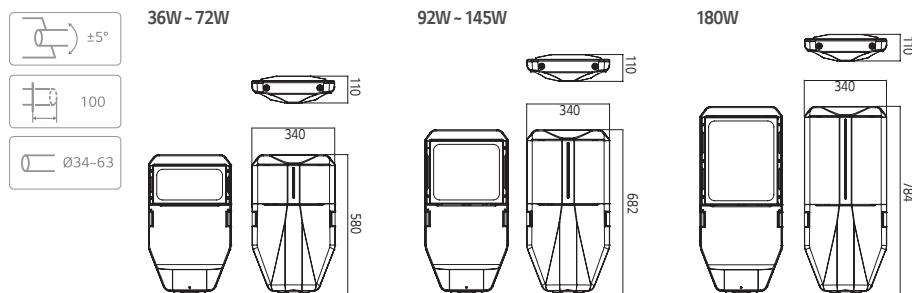
- Ahorro energético de hasta un 55%
- Instalación, mantenimiento y actualización sin herramientas
- Fiabilidad del producto con IP66, IK08 y protección contra sobretensiones con 10 kV
- Receptáculo de fotosensor, PLC/control inalámbrico opcional
- Aplicable para varios tipos de vía con lentes



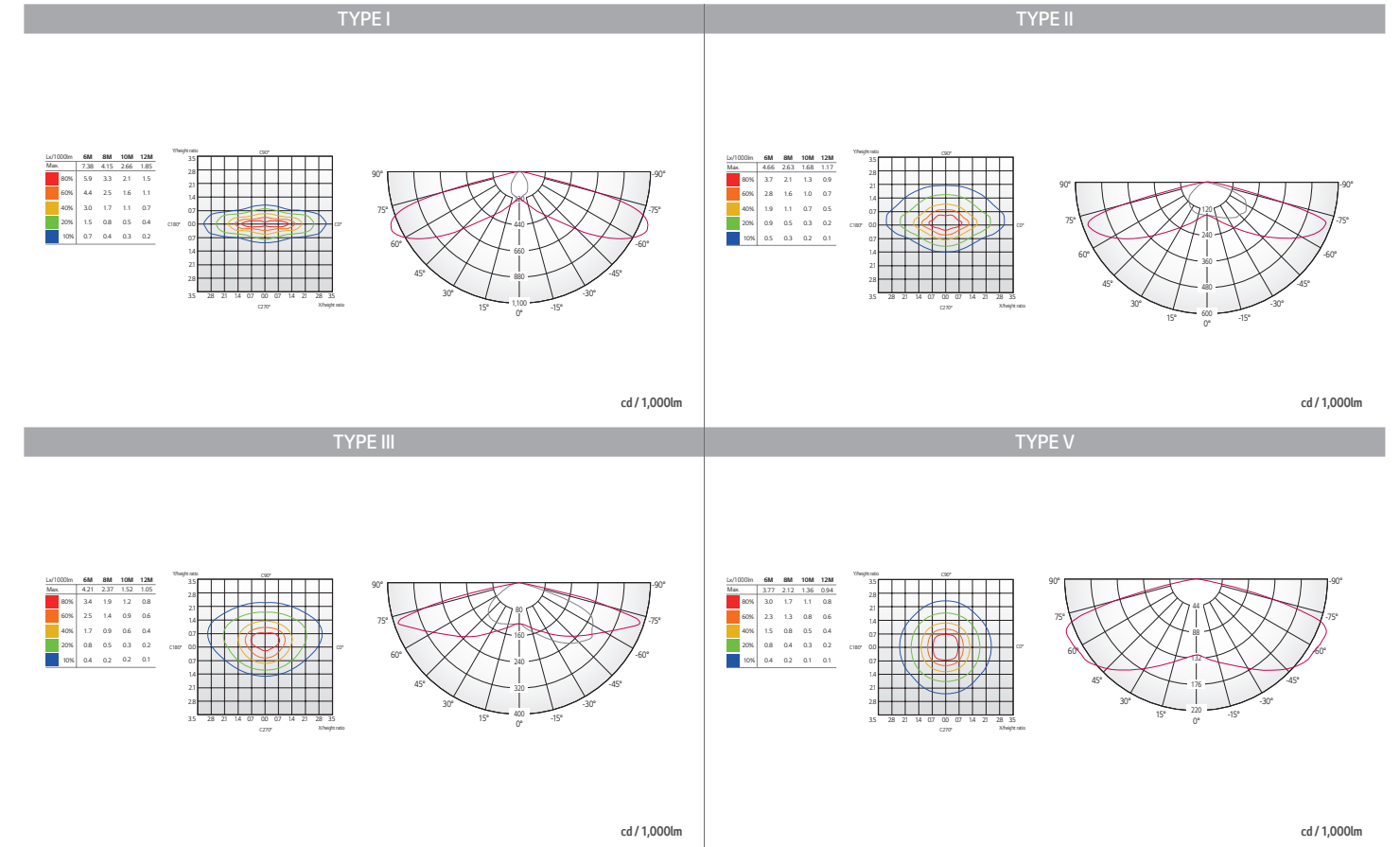
APPLICATIONS

Residential area / Park / Streets / Pedestrian / Cycle paths/ Car parks

DIMENSIONS (Unit : mm)



TECHNICAL DATA



SPECIFICATION

Model Number	Power Consumption	Optical Distribution	Luminous Flux	Efficacy	Color Temperature	CRI	IP	IK	Power Factor	Maintenance of lumen output	Operating Temperature	Input Voltage	Input Frequency	Output Current	Dimensions	Weight	Dimmable	Certification
S40570T29AA	38	Type II	3,680	98	5700	>70	66	08	>0.9	100,000	-40-50	120-240	50/60	700	580 x 340 x 110	8.5	Yes (1-10V)	CE
S50570T29AA	48	Type II	4,900	102	5700													
S60400T29AA	56	Type II	5,415	97	4000													
S70400T29AA	72	Type II	7,200	100	4000													
S70570T19AA		Type I	7,900	110	5700													
S70570T29AA ✓		Type II	7,550	105	5700													
S70570T59AA	Type V	7,300	101	5700														
S11400T29BA	108	Type II	11,130	104	4000													
S11570T29BA		Type II	11,800	110	5700													
S11570T39BA		Type III	11,700	109	5700													
S13400T29BA	126	Type II	13,020	103	4000													
S13570T29BA		Type II	13,700	109	5700													
S13570T39BA		Type III	13,400	107	5700													
S15400T29BA	145	Type II	14,670	102	4000													
S18570T29CA	180	Type II	19,700	110	5700													
S18570T39CA		Type III	19,500	109	5700													

✓ marked models for Europe

Design and specifications are subject to change without prior notice.

OUTDOOR / INDUSTRIAL

LED High Bay Light

115W ~ 180W

KEY FEATURES

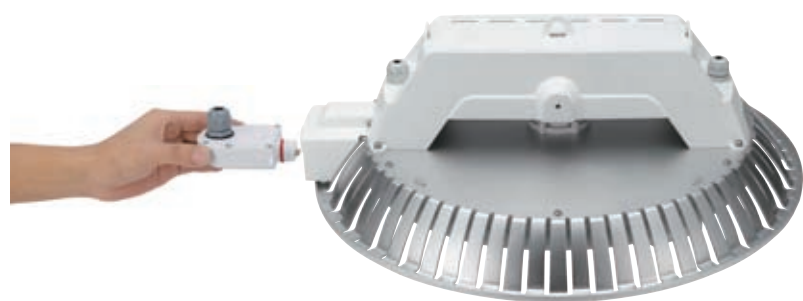
- Achieves energy savings of up to 55%
- Light weight product (3.9kg) for easy installation
- Fast heat transfer with pure aluminum and dual layer structure
- IP 65 motion sensor (optional)
- 0-10V dimming, with further dimming options such as motion sensor, ZigBee/DALI protocol

HAUPTMERKMALE

- Energieersparnis von bis zu 55 %
- Mit geringem Gewicht (3,9 kg) zur einfachen Montage
- Schnelle Wärmeleitung durch reines Aluminium und Doppelschicht-Struktur
- IP 65 Bewegungsmelder (optional)
- 0 - 10 V dimmbar, mit weiteren Dimm-Optionen wie ZigBee/DALI

CARACTERÍSTICAS CLAVE

- Ahorro energético de hasta un 55%
- Producto ligero (3,9 kg) para facilitar la instalación
- Transferencia rápida de calor con aluminio puro y estructura de capa doble
- Sensor de movimiento IP 65 (opcional)
- Regulación de atenuación de 0 - 10 V con opciones adicionales de regulación de atenuación, como por ejemplo sensor de movimiento, protocolo ZigBee/DALI

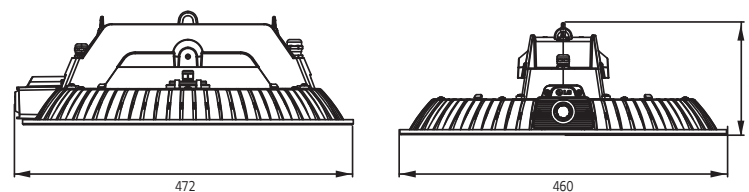


APPLICATIONS

Warehouses / Factory / Garage

DIMENSIONS (Unit : mm)

115W - 180W



OPTIONS

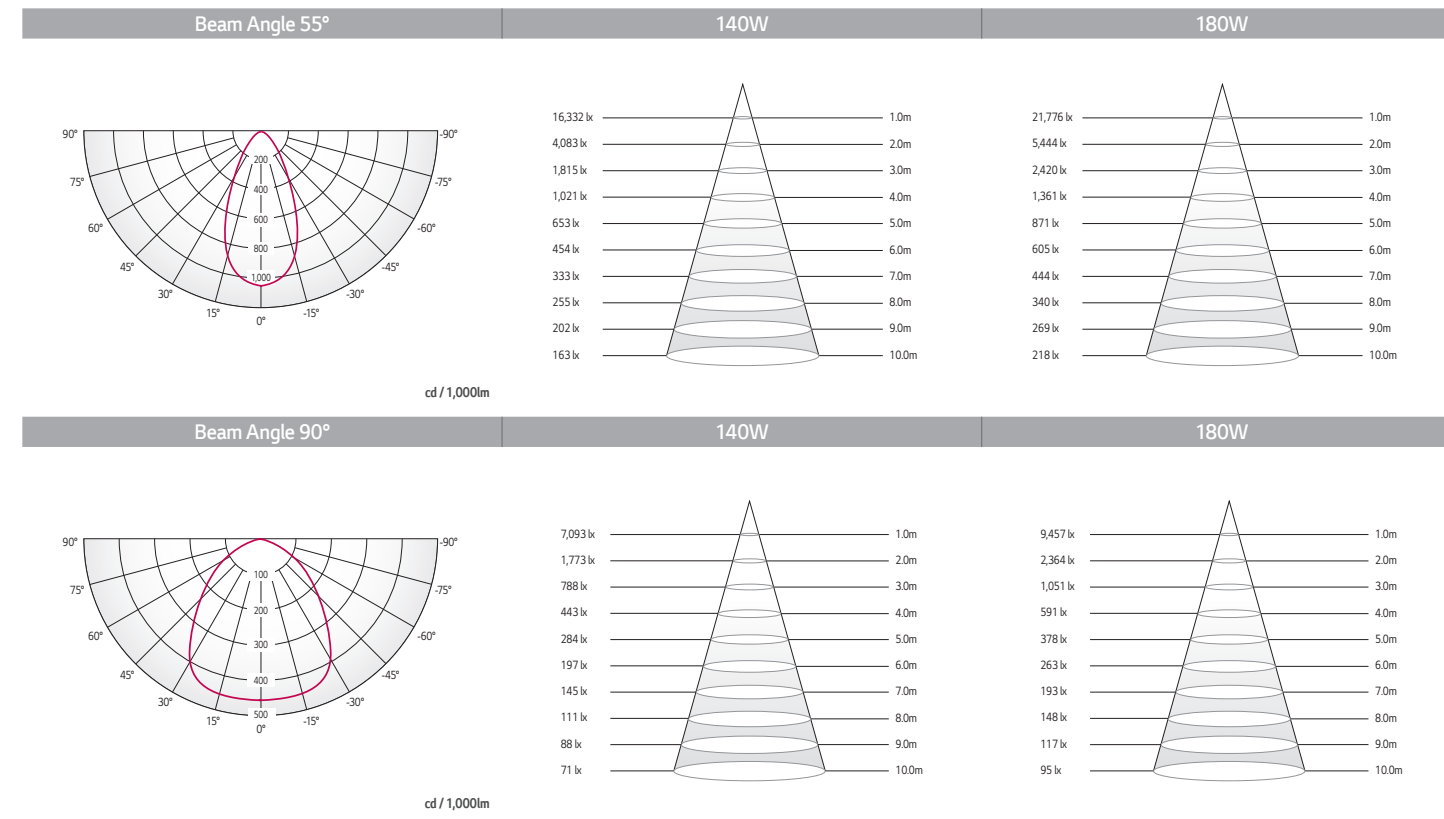
DALI DONGLE (IP65)

MOTION SENSOR (IP65)

BRACKET



TECHNICAL DATA



SPECIFICATION



Model Number	Power Consumption	Luminous Flux	Efficacy	Color Temperature	Beam Angle	CRI	UGR	IP	IK	Glow Wire Test	Power Factor	Lifetime	Storage Temperature	Operating Temperature	Input Voltage	Input Frequency	Dimensions	Weight	Dimmable	Certification
	W	lm	lm/W	K	°	-	-	-	-	°C	-	hrs	°C	°C	VAC	Hz	mm	kg	-	-
NEW H1257P551SA	115	13,000	113	5700	55	<25	-	-	-	-	-	-	-	-	-	-	460 x 472 x 158	3.5	-	-
NEW H1257P901SA	-	-	-	5700	90	<28	-	-	-	-	-	-	-	-	-	-	460 x 472 x 158	3.7	-	-
NEW H1457P551SA	140	15,600	111	5700	55	<25	-	-	-	-	-	-	-	-	-	-	460 x 472 x 158	3.7	-	-
NEW H1457P901SA ✓	140	15,600	111	5700	90	<28	65	08	850	>0.9	50,000	-40-80	-30-50	200-240	50/60	50/60	460 x 472 x 158	3.7	Yes (0-10V) *optional DALI ZigBee	CE ENEC
NEW H1657P551SA	160	18,200	114	5700	55	<25	-	-	-	-	-	-	-	-	-	-	460 x 472 x 158	3.7	-	-
NEW H1657P901SA ✓	160	18,200	114	5700	90	<28	-	-	-	-	-	-	-	-	-	-	460 x 472 x 158	3.7	-	-
NEW H1857P551SA	180	20,800	116	5700	55	<25	-	-	-	-	-	-	-	-	-	-	460 x 472 x 158	3.8	-	-
NEW H1857P901SA ✓	180	20,800	116	5700	90	<28	-	-	-	-	-	-	-	-	-	-	460 x 472 x 158	3.8	-	-

✓ marked models for Europe

Design and specifications are subject to change without prior notice.

OUTDOOR / INDUSTRIAL

LED Waterproof Light

22W / 46W

KEY FEATURES

- Direct replacement for Conventional Waterproof
- Wide-beam light distribution
- Ceiling-mounted bracket installation

HAUPTMERKMALE

- Direkter Ersatz für herkömmliche Freuchtraumleuchten
- Lichtverteilung über breiten Abstrahlwinkel
- Deckenmontierte Halterung

CARACTERÍSTICAS CLAVE

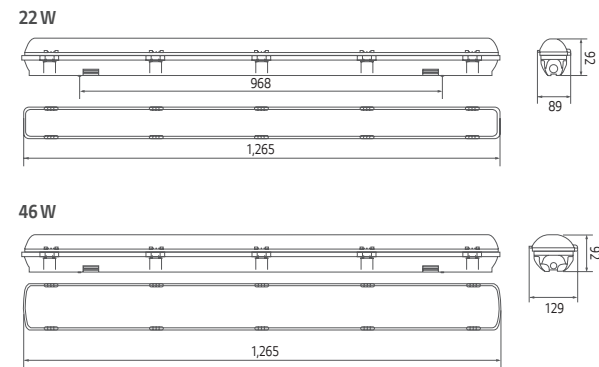
- Sustitución directa para impermeabilización convencional
- Distribución de luz de haz ancho
- Instalación con soporte de montaje en techo



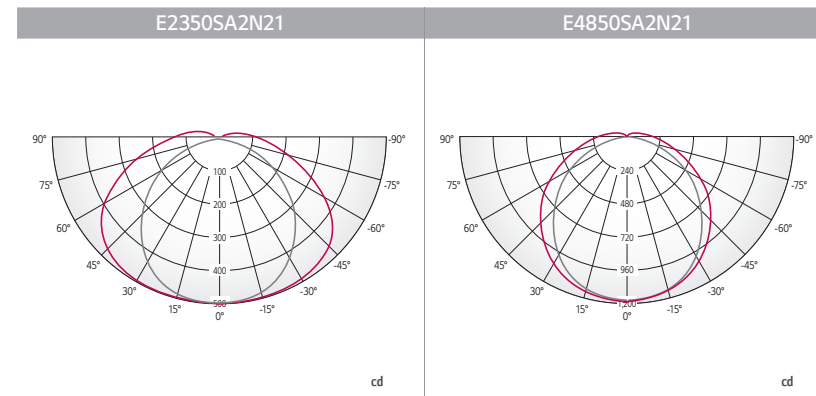
APPLICATIONS

Industrial hall / Parking areas / Warehouses

DIMENSIONS (Unit : mm)



TECHNICAL DATA



SPECIFICATION

Model Number	Power Consumption	Luminous Flux	Efficacy	Color Temperature	Beam Angle	CRI	IP	Power Factor	Lifetime	Storage Temperature	Operating Temperature	Storage humidity	Operating humidity	Input Voltage	Input Frequency	Dimensions	Weight	Dimmable	Certification
	W	lm	lm/W	K	°	-	-	-	hrs	°C	°C	%RH	%RH	VAC	Hz	mm	kg	-	-
E2350SA2N21	22	2,000	91	5000	120	80	65	>0.9	30,000	-20-60	-20-40	Below 95	20-85	220-240	50/60	1,265 x 89 x 92	1.5	No	CE Custom Union
E4850SA2N21	46	4,000	87													1,265 x 129 x 92	2.2		

✓ marked models for Europe

Design and specifications are subject to change without prior notice.

OUTDOOR / INDUSTRIAL

LED Flood Light

100W



KEY FEATURES

- Product reliability with IP66 and IK08
- Simple squared design with black colour
- Easy Installation with bracket

HAUPTMERKMALE

- Hervorragende Produktverlässlichkeit mit IP66 und IK08
- Einfaches und minimalistisches Design für ein homogenes Deckenbild
- Einfache Installation und Wartung

CARACTERÍSTICAS CLAVE

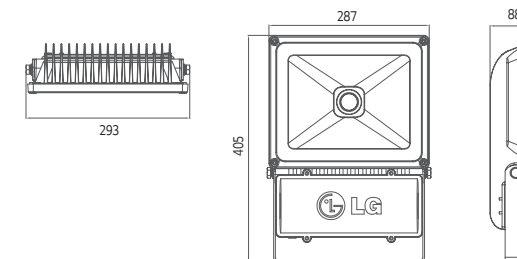
- La fiabilidad del producto con IP66 y IK08
- Diseño simple cuadrado con el color negro
- Fácil instalación con soporte



APPLICATIONS

Parks, Pathways / Gardens / Sculptures / Structures / Architectural Flood Lighting / Bill-board Lighting

DIMENSIONS (Unit : mm)



SPECIFICATION

Model Number	Power Consumption	Luminous Flux	Efficacy	Color Temperature	Beam Angle	CRI	IP	IK	Power Factor	Lifetime	Storage Temperature	Operating Temperature	Input Voltage	Input Frequency	Dimensions	Weight	Dimmable	Certification
	W	lm	lm/W	K	°	-	-	-	-	hrs	°C	°C	VAC	Hz	mm	kg	-	-
L1050BA0N41 ✓	100	9,500	95	5000	110	73	66	08	0.9	40,000	-40-65	-20-50	100-240	50/60	287 x 405 x 88	5.4	No	CE

✓ marked models for Europe

Design and specifications are subject to change without prior notice.

OUTDOOR / INDUSTRIAL

PLS (Plasma Lighting System)

1kW

KEY FEATURES

- Full and continuous light spectrum mirroring natural sunlight
- Significant energy saving and long lifetime
- High lumen maintenance compared to conventional HID products.
- No hazardous materials and little ultraviolet emission

HAUPTMERKMALE

- Volles und beständiges Lichtspektrum ähnlich dem natürlichen Sonnenlicht
- Signifikante Energieersparnis und lange Lebensdauer
- Hoher Lichtstrom im Vergleich zu konventionellen HID Produkten
- Kein gesundheitsgefährdendes Material und ultra-violette Emissionen

CARACTERÍSTICAS CLAVE

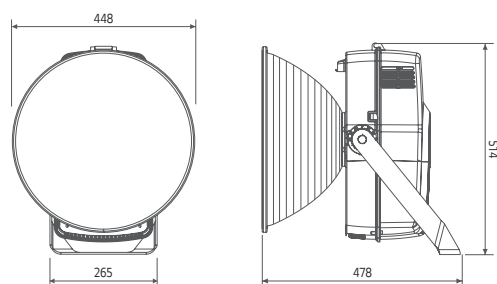
- Espectro luminoso reflejo de la luz solar natural total y continuo
- Elevado ahorro energético y larga vida útil
- Mantenimiento alto lumen en comparación con los productos de HID convencionales.
- Sin materiales peligrosos y baja emisión ultravioleta



APPLICATIONS

Industrial / Green Farm / Indoor Sports Hall / Outdoor Stadium / Golf Courses

DIMENSIONS (Unit : mm)



OPTIONS

1kW Louver

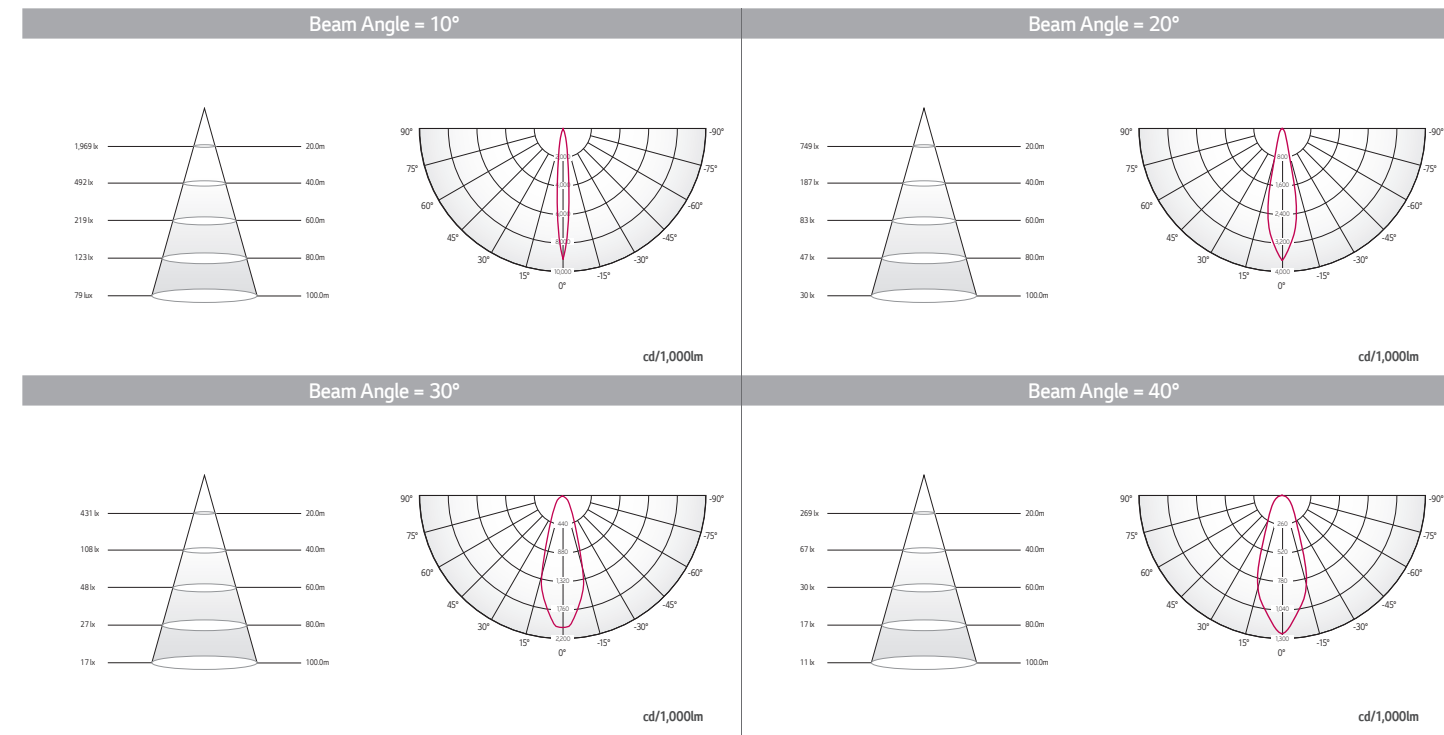


MF10PAS1 (Type1)



MF10PAS2 (Type2)

TECHNICAL DATA



SPECIFICATION

Model Number	Power Consumption	Luminous Flux	Efficacy	Color Temperature	Beam Angle	CRI	IP	Glow Wire Test	Power Factor	Lifetime	Storage Temperature	Operating Temperature	Input Voltage	Input Frequency	Weight	Certification
	W	lm	lm/W	K	°	-	-	°C	-	hrs	°C	°C	VAC	Hz	kg	-
PSF1031A.A6AED00	1,000	87,000	87	6500	10	80	65	650	0.9	10,000	-30-80	-20-40	220-240	50	16	CE
PSF1031A.A6BED00					20											
PSF1031A.A6CED00					30											
PSF1031A.A6DED00					40											
PSF1031A.A7AED00	85,000	85	7500	80	10	80	65	650	0.9	10,000	-30-80	-20-40	220-240	50	16	CE
PSF1031A.A7BED00					20											
PSF1031A.A7CED00					30											
PSF1031A.A7DED00					40											

✓ marked models for Europe

Design and specifications are subject to change without prior notice.

OUTDOOR / INDUSTRIAL

PLS (Plasma Lighting System)

1.8KW

KEY FEATURES

- Full and continuous light spectrum mirroring natural sunlight
- Significant energy saving and long lifetime
- High lumen maintenance compared to conventional HID products.
- No hazardous materials and little ultraviolet emission

HAUPTMERKMALE

- Volles und beständiges Lichtspektrum ähnlich dem natürlichen Sonnenlicht
- Signifikante Energieersparnis und lange Lebensdauer
- Hoher Lichtstrom im Vergleich zu konventionellen HID Produkten
- Kein gesundheitsgefährdendes Material und ultra-violette Emissionen

CARACTERÍSTICAS CLAVE

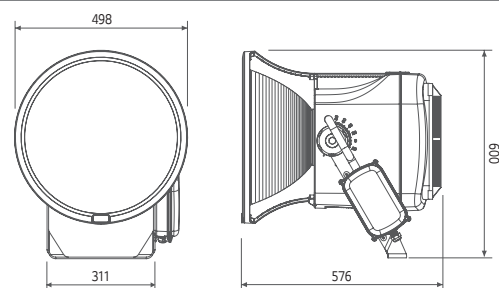
- Espectro luminoso reflejo de la luz solar natural total y continuo
- Elevado ahorro energético y larga vida útil
- Mantenimiento alto lumen en comparación con los productos de HID convencionales.
- Sin materiales peligrosos y baja emisión ultravioleta



APPLICATIONS

Industrial / Green Farm / Indoor Sports Hall / Outdoor Stadium / Golf Courses

DIMENSIONS (Unit : mm)



OPTIONS

1.8kW Louver

1.8kW Grille

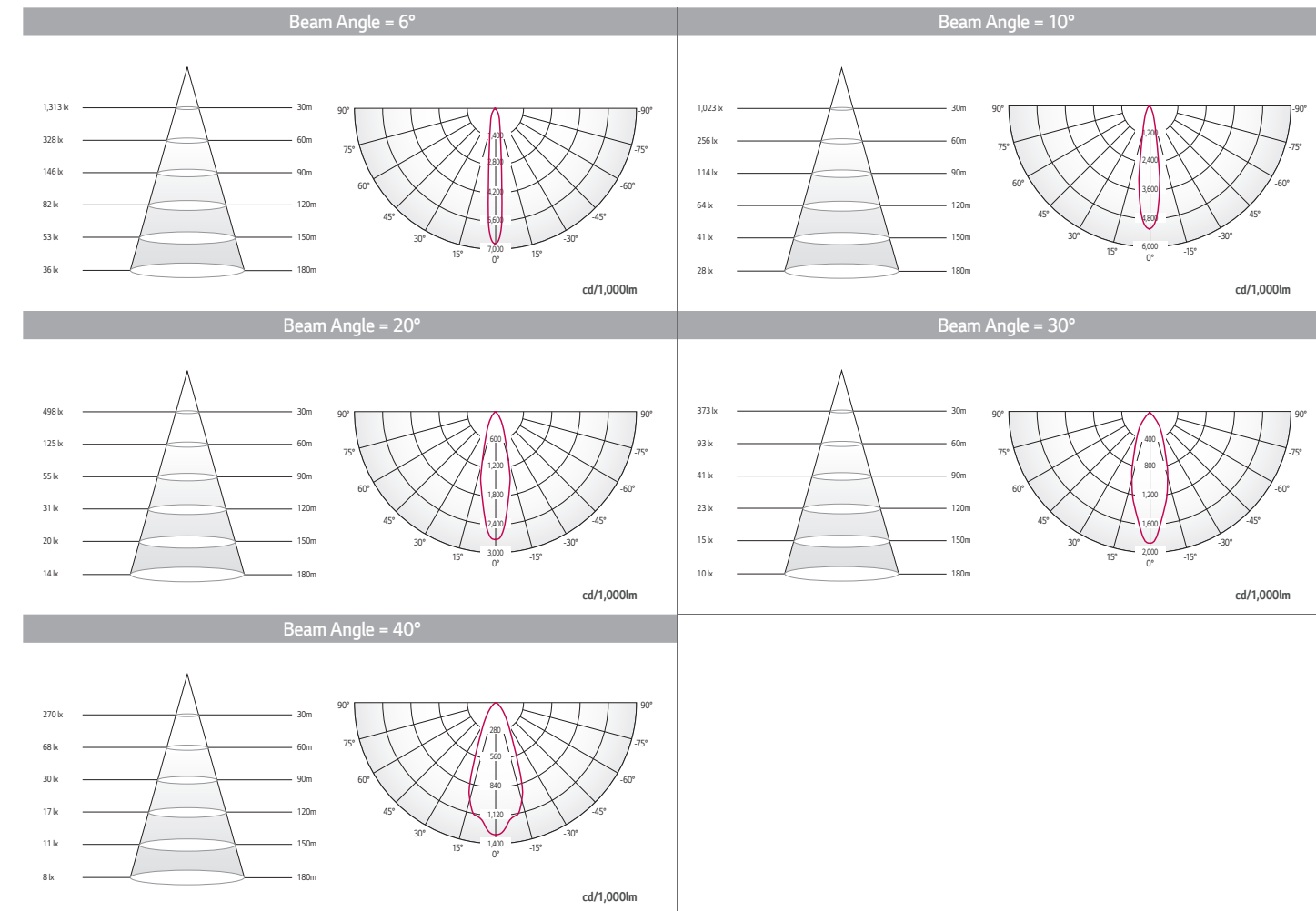


MF18PA43



MF18PA50

TECHNICAL DATA



SPECIFICATION

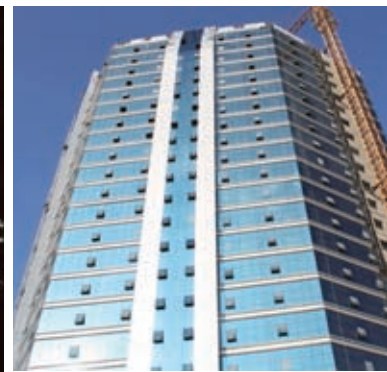
Model Number	Power Consumption	Luminous Flux	Efficacy	Color Temperature	Beam Angle	CRI	IP	Glow Wire Test	Power Factor	Lifetime	Storage Temperature	Operating Temperature	Input Voltage	Input Frequency	Weight	Certification
	W	lm	lm/W	K	°	-	-	°C	-	hrs	°C	°C	VAC	Hz	kg	-
PSF1831A.A6NYD00	1,850	183,000	99	6500	6	80	66	650	>0.9	10,000	-30-80	-20-40	220-240	50	20	CE Custom Union
PSF1831A.A6AYD00					10											
PSF1831A.A6BYD00					20											
PSF1831A.A6CYD00					30											
PSF1831A.A6DYD00					40											
PSF1831A.A7NYD00	180,000	97	7500	6	80	66	650	>0.9	10,000	-30-80	-20-40	220-240	50	20	CE Custom Union	
PSF1831A.A7AYD00				10												
PSF1831A.A7BYD00				20												
PSF1831A.A7CYD00				30												
PSF1831A.A7DYD00	40															

✓ marked models for Europe

Design and specifications are subject to change without prior notice.

LG LED Reference Site

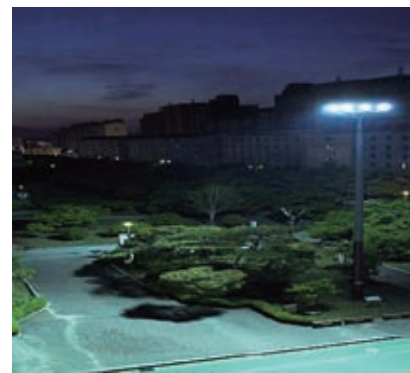
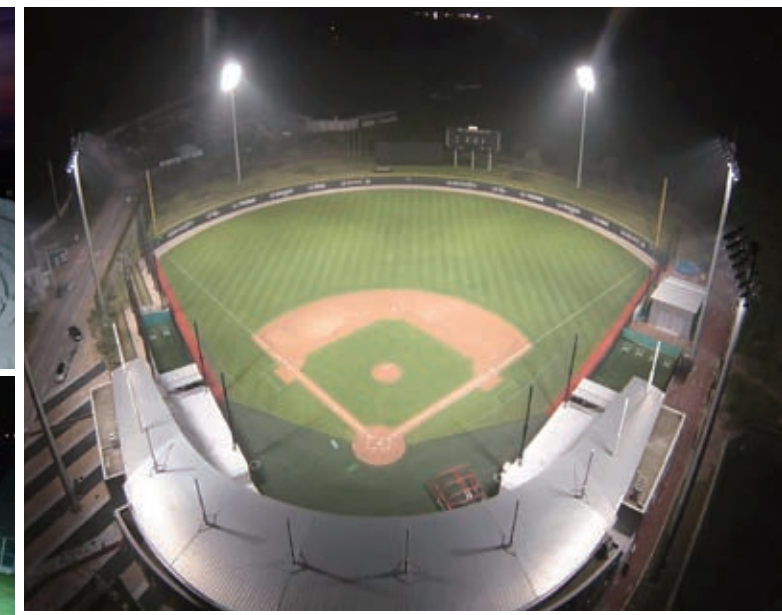
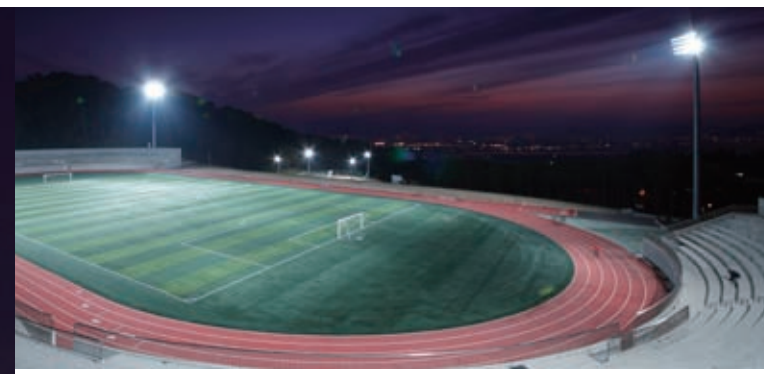
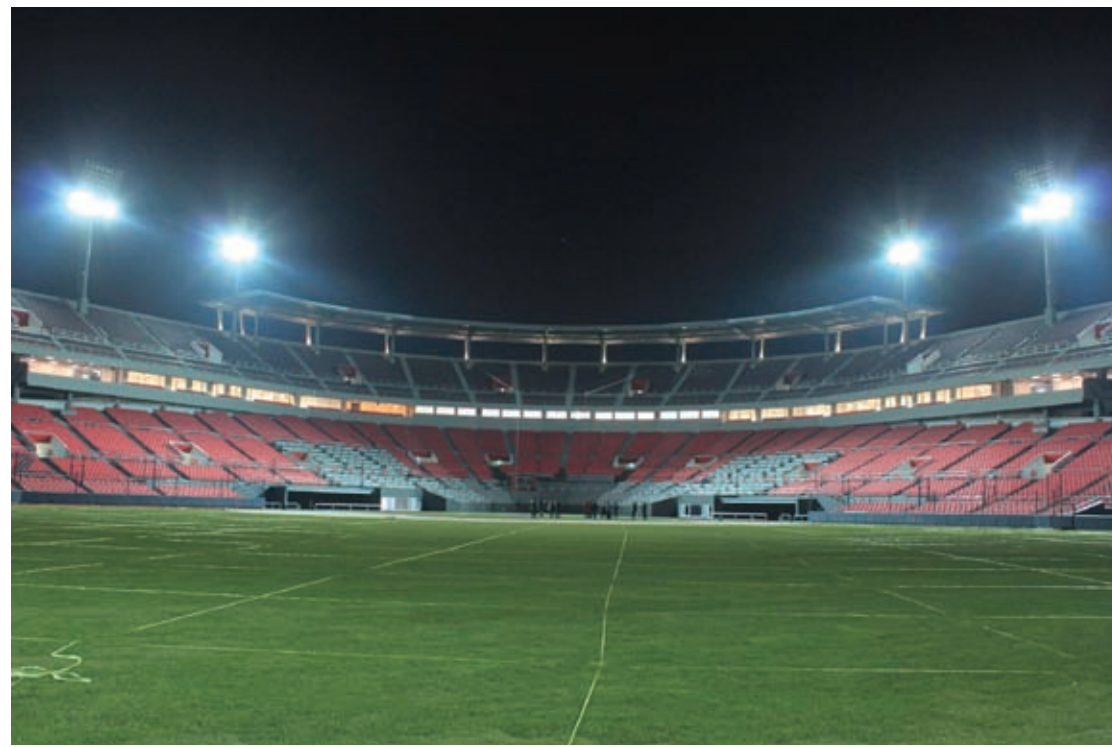
1	2	1 LG TWIN TOWER, SEOUL, KOREA : LED Flat Light / LED Downlight / LED PAR30 3 EVKUR, TURKEY : LED Downlight 5 LG ELECTRONICS DEUTSCHLAND, GERMANY : LED Flat Light / LED Downlight 7 CAUQUENES, CHILE : LED Street Light	2 MEDELLIN CITY HALL, COLOMBIA : LED Flat Light 4 YAPI KREDI BANK, TURKEY : LED Flat Light 6 SAFA GOLD MALL, PAKISTAN : LED Downlight / LED Tube	3 CHILLAN VIEJO, CHILE : LED Street Light 5 DEWA, UAE : LED Flat Light / LED Downlight 6 EMIRATE NBD, UAE : LED Flat Light / LED Downlight	4 AL SHIBA, UAE : LED Downlight 4 ARC LOFT ACARLAR, TURKEY : LED Downlight 6 ERCILLA, CHILE : LED Street Light	5	6	7
	3							



LG PLS Reference Site

- | | |
|---|---|
| 1 | 2 |
| 3 | 5 |
- 1 SUWON KT WIZ PARK, KOREA : PLS 1.8kW
 - 2 POSCO FINEX PLANT, KOREA : PLS 1kW
 - 3 SANGNOK GOLF RESORT, KOREA : PLS 1kW
 - 4 SHARJAH AIRPORT, UAE : PLS 700W
 - 5 YEOUI PARK, KOREA : PLS 1kW

- | | |
|---|---|
| 1 | 2 |
| 3 | 5 |
| 4 | 5 |
- 1 SILLA UNIVERSITY, KOREA : PLS 1kW
 - 2 LG CHAMPION'S PARK, KOREA : PLS 1.8kW
 - 3 ESTADIO PEDRO BIDEGAIN, ARGENTINA : PLS 1.8kW
 - 4 LGE CHANGWEN FACTORY, KOREA : PLS 700W
 - 5 GONJAM SKI RESORT, KOREA : PLS 1kW



Case Study

BACKGROUND

LG Twin Tower, located in Yeoido, is the headquarter of LG Group that covers 14,733 m² of land and 157,835 m² of gross floor space. The two buildings have 3 underground levels and 34 ground levels with a seating capacity of over 10,000. Since the construction in 1987, LG Twin Tower has required no repair work. However, the equipment installed throughout the buildings had become obsolete, while the maintenance costs and energy costs continued to grow. As a landmark of Seoul, LG started to renovate the building in June 2010, in order to enhance LG brand image and to improve the working conditions. Three main purposes of this renovation project were to bring about greater eco-friendliness for greater energy savings, to create a modern working environment and to provide a comfortable working space with new equipment. To achieve this, it required a significant improvement of the lighting system which accounts for 30% of energy consumption in large buildings. To provide an optimal environment, it must be environmentally friendly and compatible with the existing facilities allowing integrated control system. These are the reasons behind the selection of LG LED Lighting.

CHALLENGE

With fluorescent lights' high energy consumption, there was always a big burden on overall energy costs. Moreover, with the rising issue of energy cost regulation for big buildings, we needed a new solution. Fluorescent lights are short-lived, while they also require higher maintenance costs, as around 400 fluorescent lights have to be changed daily. Due to replacement, labor and disposal costs, the fluorescent light really was wasteful" (Pan-Sik Choi, senior research engineer of Serveone) The biggest problem before the renovation was the electricity cost of conventional lighting and the maintenance costs of deteriorated equipment. With two buildings each having 34 floors, the total number of fluorescent lights was over 50,000. Hundreds of fluorescent lights with a maximum life span of 8,000 hours need to be changed every day. As the government's regulation is becoming stricter, more effective energy saving solutions were desperately needed. Lighting with minimum power consumption was needed, as well as eco-friendliness and integrated control optimized for a high technology working environment.

SOLUTION

The scale of the project was unprecedented, as it installed the country's largest working space with LED lighting and control. Therefore, we needed a brand equipped with better quality and solutions that went beyond simple lighting service. "Perhaps replacing just lighting is not that difficult. But, the management system for controlling them was vital" (Min-Kwang Lee, senior research engineer of LGE) LG Electronics suggested the following three key factors for Twin Tower's renovation process.

EFFICIENCY : Effective energy saving technology

LG LED flat light, which replaced 80W conventional fluorescent lights, has a power consumption of 53W while bringing 20-30 percent in energy savings. In addition, with the daylight sensor and the dimming function, up to 80 percent of energy savings are possible. Illumination reduced by 50 percent can fully light up the working space, while the daylight sensor installed at each window can recognize outdoor daylight automatically and transmit a signal to help maintain optimal indoor illumination. Moreover, a lifespan of 50,000 hours can noticeably reduce the maintenance costs.

COMFORT : Optimal light for users

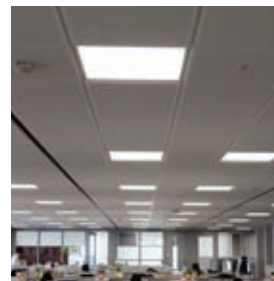
Another benefit of LG LED flat light is low UGR with less than 19. UGR level below 19 is optimal for the working space, providing workers with proper lighting for writing, reading and computer work. Conventional fluorescent lights have UGR levels between 22-23, which can cause stress for office workers who spend extensive time under the lights. Additionally, LG LED is eco-friendly and brings long-term health benefits, as it does not emit mercury, lead, ultraviolet rays or infrared rays.

RELIABILITY : Credibility and high quality

LG Twin Tower project has not only 17,000 LG LED flat lights (53W) replacing conventional fluorescent lights, but also 3,000 LED downlights (15W) and 2,000 LED PAR30 (12W) replacing conventional halogen lamps. Particularly, LED flat light is connected together with integrated control systems, making them more credible. "We tested the products on 7th and 33rd floors of the West Tower for two months. During the installation, communication, electricity and cabling were few of the many variables to be managed. So, we plan to have continuous testing and monitoring after the construction for further improvement." (Bong-Geun Jung, senior research engineer of LGE) LG LED Lighting was recognized both internally and externally. American certification company, Underwriters Laboratories(UL), designated LG Electronics R&D center as a UL-authorized testing lab in the green energy sector (e.g. solar, LED lighting). This means LG LED lighting can secure high levels of reliability.

BENEFIT

"Having a total solution technology with the general advantages of LED lighting is only possible with LG. Long lifespan, energy efficiency and control solution combine to save energy costs by up to KRW 10 million" (Pan-Su Choi, senior research engineer of Serveone) The most remarkable achievement after the LG LED lighting installation was energy savings. Twin Tower's power consumption in January greatly declined, recording 1,900,896kWh, reducing up to 310,000kWh compared to January 2010, which was before the renovation. Assuming the average monthly power consumption is 200kWh, Twin Tower's energy consumption is equivalent to 1,550 households each month.



Electricity cost was KRW 190 million, enabling savings of KRW 10 million, compared to 2010. "The best part of moving into the renovated building was the lighting. Compared to the complicated atmosphere with separated fluorescent lights and luminaires, I like the refined design that combines the lighting and ceiling in one. It's also not that glary as before. Each floor has controllable touch panels, so I can turn them on, when I'm working overtime. Besides, I feel much relieved that it contains no pernicious ingredients" (Sang-Woo Lim, LG International) This project proved the reliability and high energy efficiency of LG LED lighting products, as well as its ability to provide an optimal environment for the users. In short, LG LED lighting is expected to be widely recognized.



Living in new lighting experience
LG LIGHTING