

Master LED PAR

หลอด LED รูปทรง PAR รุ่น Master



Master LED PAR20



Master LED PAR30S



Master LED PAR30L



Master LED PAR38

คุณสมบัติ

- มีขนาดวัตต์หลากหลายตั้งแต่ 6-40 วัตต์ สามารถเลือกใช้ให้เหมาะสมกับการใช้งาน
- ประหยัดไฟฟ้า 80% เมื่อเทียบกับหลอดไส้
- ให้ค่าความถูกต้องของสี CRI ไม่น้อยกว่า 80

การใช้งาน

- ใช้ในงานทั่วไปเพื่อเปลี่ยนจากหลอด PAR และหลอด CDM
- ควรใช้โคม หรือบริเวณที่มีการระบายความร้อนที่ดี

Dimension (mm.)

Type	(C) max. (mm.)	(D) max. (mm.)
Master LED PAR20	63.2	83.6
Master LED PAR30S	92	93
Master LED PAR30L	92	116
Master LED PAR38	124	132

ข้อมูลจำเพาะ: Master LED PAR

สินค้า	ขั้ว	กำลังไฟฟ้า (วัตต์)	ฟลักซ์ (ลูเมน)	ความเข้ม (แคนเดลา)	อุณหภูมิสี (เคลวิน)	CRI ไม่น้อยกว่า	มุมแสง (องศา)	ปรับหรี่แสง	อายุ (ชั่วโมง)	ราคาปลีก (บาท)
Master LED PAR20 6-50W E27 827 25D	E27	6	520	1500	2700	80	25	ได้	25000	700.00
Master LED PAR30S 9-60W E27 927 25D	E27	9	630	3000	2700	90	25	ได้	25000	800.00
Master LED PAR38 13-100W E27 927 25D	E27	13	1000	4000	2700	90	25	ได้	25000	900.00
Master LED PAR30L 20W 15D 830	E27	20	1800	18000	3000	80	15	ไม่ได้	25000	1,000.00
Master LED PAR30L 20W 15D 840	E27	20	1850	18500	4000	80	15	ไม่ได้	25000	1,000.00
Master LED PAR30L 20W 30D 830	E27	20	1800	5400	3000	80	30	ไม่ได้	25000	1,000.00
Master LED PAR30L 20W 30D 840	E27	20	1850	5550	4000	80	30	ไม่ได้	25000	1,000.00
Master LED PAR30L 32W 15D 830	E27	32	3000	26000	3000	80	15	ไม่ได้	25000	1,200.00
Master LED PAR30L 32W 15D 840	E27	32	3000	27000	4000	80	15	ไม่ได้	25000	1,200.00
Master LED PAR30L 32W 15D 857	E27	32	3000	27000	5700	80	15	ไม่ได้	25000	1,200.00
Master LED PAR30L 32W 30D 830	E27	32	3000	9200	3000	80	30	ไม่ได้	25000	1,200.00
Master LED PAR30L 32W 30D 840	E27	32	3000	9600	4000	80	30	ไม่ได้	25000	1,200.00
Master LED PAR30L 32W 30D 857	E27	32	3000	9600	5700	80	30	ไม่ได้	25000	1,200.00
Master LED PAR30L 40W 15D 827	E27	40	3850	38500	2700	80	15	ไม่ได้	25000	2,000.00
Master LED PAR30L 40W 15D 830	E27	40	4000	40000	3000	80	15	ไม่ได้	25000	2,000.00
Master LED PAR30L 40W 15D 840	E27	40	4200	42000	4000	80	15	ไม่ได้	25000	2,000.00
Master LED PAR30L 40W 15D 857	E27	40	4200	42000	5700	80	15	ไม่ได้	25000	2,000.00
Master LED PAR30L 40W 30D 827	E27	40	4300	13000	2700	80	30	ไม่ได้	25000	2,000.00
Master LED PAR30L 40W 30D 830	E27	40	4500	13500	3000	80	30	ไม่ได้	25000	2,000.00
Master LED PAR30L 40W 30D 840	E27	40	4600	14000	4000	80	30	ไม่ได้	25000	2,000.00
Master LED PAR30L 40W 30D 857	E27	40	4600	14000	5700	80	30	ไม่ได้	25000	2,000.00

ราคาสินค้ารวมภาษีมูลค่าเพิ่ม
ของวงสิทธิ์ ในการปรับแก้ไขราคาข้างต้นโดยไม่ต้องแจ้งให้ทราบล่วงหน้า



PHILIPS

LED PAR



Technical Application Guide

Philips LED PAR38 Outdoor

Philips LED PAR38 Outdoor with Technology provides an excellent performances with optimal thermal efficiency and a compact high efficiency driver in a sleek, lightweight design perfectly fitting into a traditional halogen form-factor.

The form-factor of the Philips LED PAR38 Outdoor guarantees a 100% form-fit. It is ideal for a myriad of applications including lighting in retail stores, general architectural and accent lighting, plus industrial OEM equipment lighting.

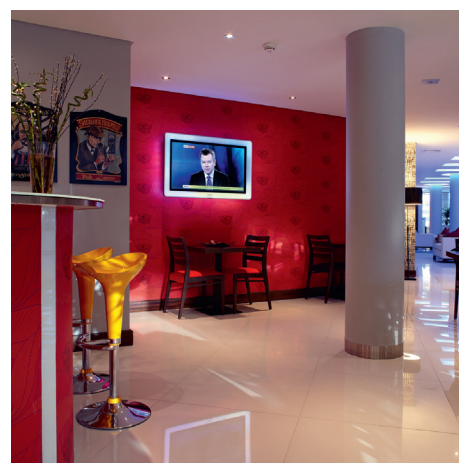
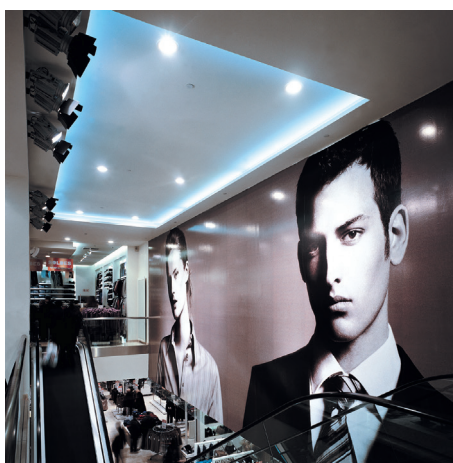


88%
Energy cost
saving



Design highlights

- Up to 88% energy savings compared to standard halogen and incandescent spot lamps
- Long lifetime of 15,000 hours
- Fits into most of PAR38 fixtures
- Beam: 25 degree
- CCT: 2700K
- Virtually UV/IR free in the beam
- Lowers maintenance costs by reducing re-lamp frequency
- Environmental friendly, without Mercury or any other hazardous substances
- RoHS compliant
- IP65 for Outdoor use with correct lamp holders



Application areas

Philips LED PAR38 Outdoor lamps are designed for spot and general lighting applications in retail and hospitality and residential markets. Unlike the conventional halogen reflector lamp, Philips LED PAR38 Outdoor lamp has a long lifetime of 15,000 hours ensuring minimum maintenance cost in shops, hotels, restaurants and cafes. The beautiful light makes the Philips LED PAR38 Outdoor lamps especially suited for various applications such as:

- Retail sales/picture windows/feature displays
- Corridors/Stairway/Washroom
- Lobby / Reception areas
- Gardens / Porch areas

Application notes

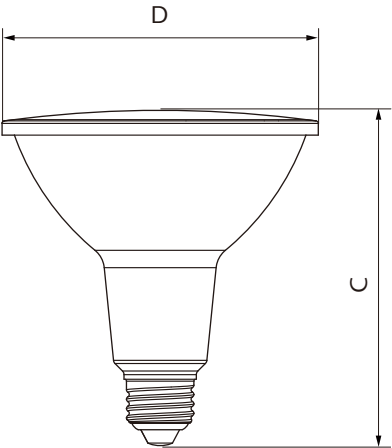
- Operating open air ambient temperature range is -20 °C to 45 °C
- This device is not intended for use with emergency exit fixtures or emergency lights
- For use in fixtures that can structurally support weight of a lamp
- Suitable for outdoor use only in $\geq$ IP65 lamp holders

Technical Specifications

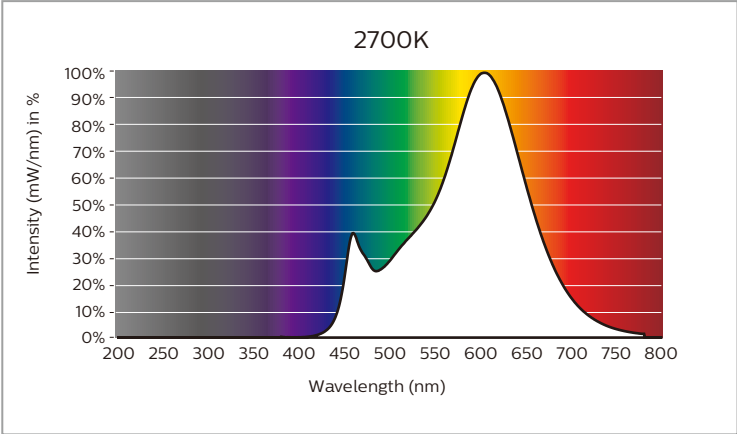
Product type	Voltage	Power Wattage	Replaced Wattage	Base	Lumen	Beam Angle	CCT	MBCP	Lifetime	CRI	Dimmable
	(VAC)	(W)	(W)		(lm)	(°)	(K)	(Cd)	(Hrs)		
Essential LED 14-120W PAR38 827 25D	220-240	14	120	E27	1200	25	2700	5000	15000	80	No

Fixture compatibility

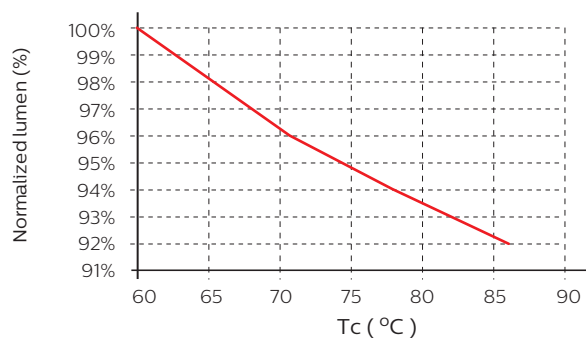
Type	C max. Overall Length	D max. Diameter
	(mm)	(mm)
Essential LED 14-120W PAR38 827 25D	131	123



Spectral Power Distribution



Temperature



Tc Max: 86 °C

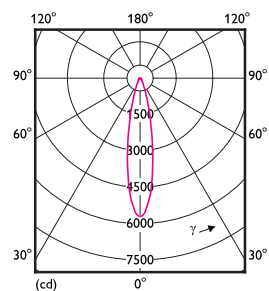
Photometric Diagrams

Essential LED 14-120W PAR38 827 25D

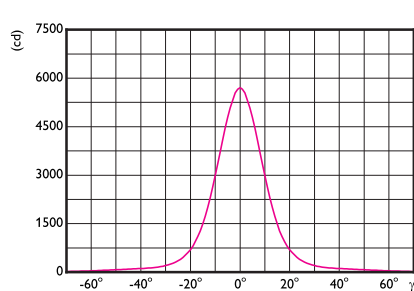
1 x 1200 lm

Light output ratio	1.05	lmax	5708 cd
Service upward	0.01	BS ($\frac{1}{2} l_{max}$)	$2 \times 11^\circ$
Service downward	1.04	VBA ($\frac{1}{2} E_0$)	$2 \times 10^\circ$

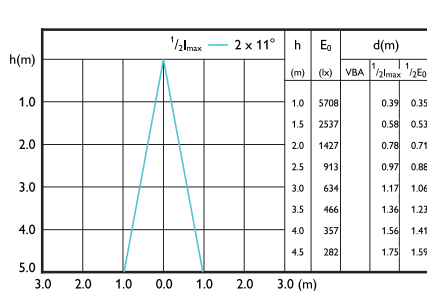
Polar intensity diagram



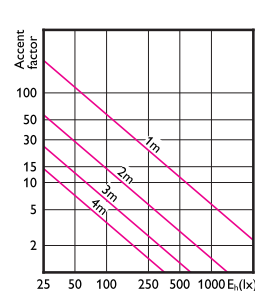
Cartesian intensity diagram



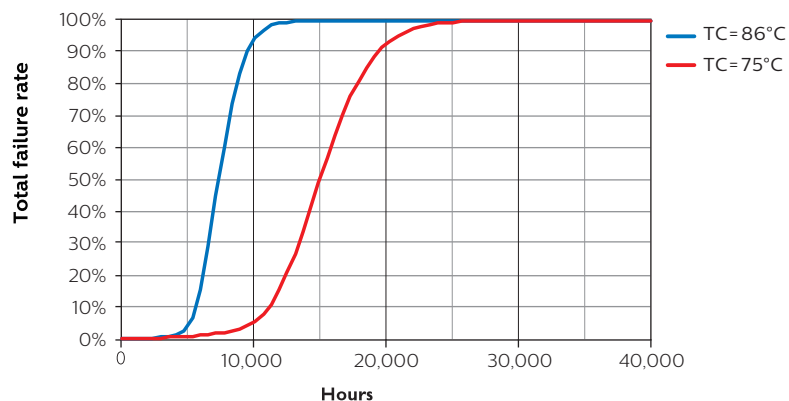
Beam diagram



Visual impact diagram



Lifetime and sustainability



- Philips LED PAR38 Outdoor lamp has a lifetime of 15,000 hours at Tc=70°C, defined as the number of hours when 50% of a large group of identical lamps drop below 70% of its initial lumens.
- Lifetime estimation based on the application environment condition: please refer to the Tc for lifetime forecast.



© 2019 Signify

All rights reserved. Reproduction in whole or in part is prohibited without the prior written consent of the copyright owner. The information presented in this document does not form part of any quotation or contract, is believed to be accurate and reliable and may be changed without notice. No liability will be accepted by the publisher for any consequence of its use. Publication thereof does not convey nor imply any license under patent or other industrial or intellectual property rights.

01/2020

www.philips.com/lighting