PHILIPS

Lighting

Essential LED - Affordable LED solution

Essential LED

Essential LED is an affordable LED spot lamp that is suitable for replacing halogen spot lamps. It provides a natural lighting effect as well as instant energy savings – an environmentally friendly solution. The Philips Essential LED family is designed for spot and general lighting applications in the hospitality, retail and home segments.

Benefits

- Reduced operational cost thanks to energy savings of up to 80%
- Lower maintenance cost thanks to more than five times longer lifetime than conventional halogen spot lamps
- Easy retrofit, upgrading the existing luminaire to LED technology

Features

- Lower energy consumption compared to halogen spot lamp
- Retrofit replacement of halogen spot lamps with existing transformers
- No UV/IR or mercury

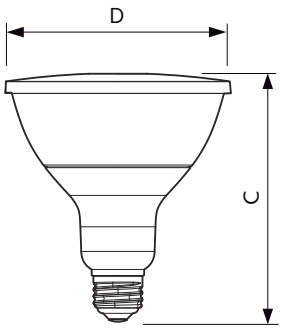
Application

- Hospitality (restaurants, hotels, coffee bars)
- Retail
- Homes

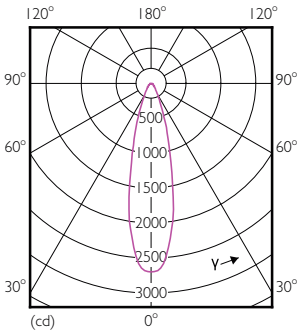
Essential LED

Versions

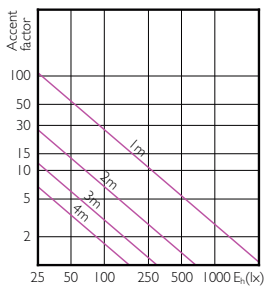
Dimensional drawing



Product	D	C
Essential LED 10-80W PAR38 827 25D	122 mm	134 mm



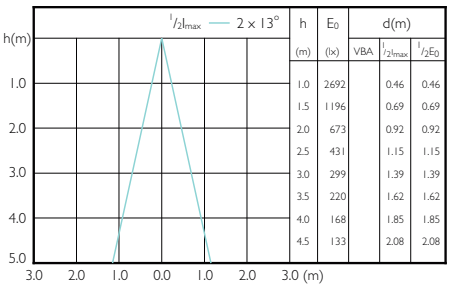
Accent Diagrams



MASTER LEDspot PAR 60W E27 827 25D

Essential LED

Beam Diagrams



h	E_0	d(m)		
(m)	(lx)	VBA	$^1/_2I_{max}$	$^1/_2E_0$
1.0	2692		0.46	0.46
1.5	1196		0.69	0.69
2.0	673		0.92	0.92
2.5	431		1.15	1.15
3.0	299		1.39	1.39
3.5	220		1.62	1.62
4.0	168		1.85	1.85
4.5	133		2.08	2.08

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