



# LED Highbay

## 165HB/LED/840/ND NB UDL 2/1

Philips LED high bay lamps are a direct replacement for 250W to 400W metal halide lamps which will deliver substantial energy savings. Philips LED HighBays delivers bright, clean light for a fraction of the energy used by conventional HID.

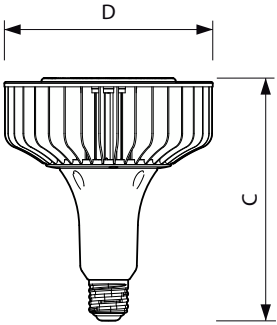
### Product data

General Information		Starting Time (Nom)	
Cap-Base	EX39 [Exclusionary Mogul Screw]		0.5 s
Nominal lifetime	50,000 hour(s)	Warm-up time to 60% light	0.5 s
Switching Cycle	50,000	Power Factor (Fraction)	0.6
Lighting Technology	LED	UL Type	Type A - works on ballast
EU RoHS compliant	Yes		
Light Technical		Temperature	
Color Code	840 [CCT of 4000K]	T-Case Maximum (Nom)	185 °F
Beam Angle (Nom)	60 degree(s)		
Luminous Flux	19,000 lm	Controls and Dimming	
Color Designation	Cool White (CW)	Dimmable	No
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	115.15 lm/W	Mechanical and Housing	
Color Consistency	ANSI 4000K	Bulb Shape	Others
Color rendering index (CRI)	80		
LLMF At End Of Nominal Lifetime (Nom)	70 %	Approval and Application	
		Energy Consumption kWh/1000 h	- kWh
Operating and Electrical		Product Data	
Line Frequency	50 to 60 Hz	Order product name	165HB/LED/840/ND NB UDL 2/1
Input Frequency	50 to 60 Hz	Full product name	165HB/LED/840/ND NB UDL 2/1
Power Consumption	165 W	Order code	465658
Lamp Current (Nom)	3,650 mA	Material Nr. (12NC)	929001265304
Wattage Equivalent	400 W	Numerator - Quantity Per Pack	1
		EAN/UPC - Product/Case	046677465650

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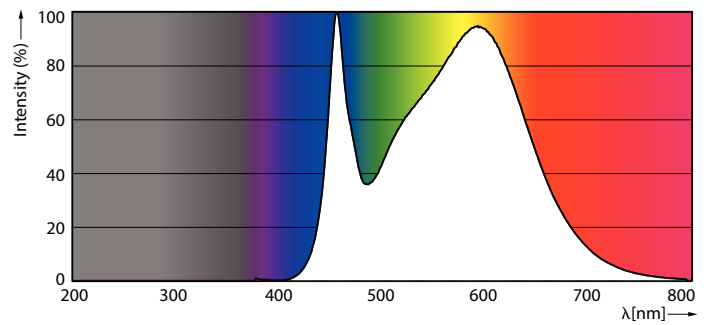
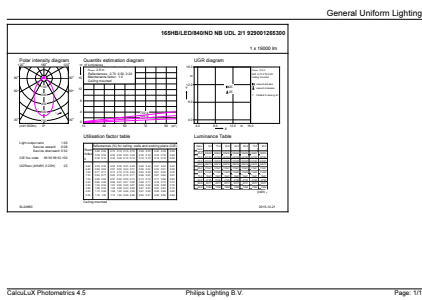
Numerator - Packs per outer box	2
EAN/UPC - Case	50046677465655

## Dimensional drawing



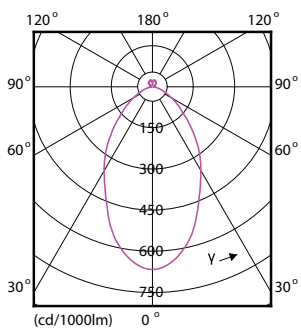
Product	D	C
165HB/LED/840/ND NB UDL 2/1	8-1/4 inch	9-11/16 inch

## Photometric data



General uniform lighting - 165HB/LED/840/ND NB UDL 2/1

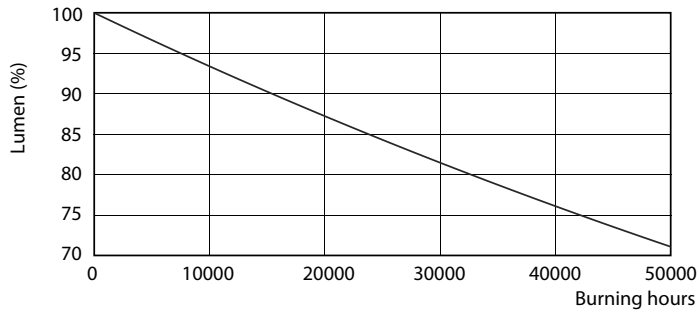
Spectral Power Distribution Colour - 165HB/LED/840/ND NB UDL 2/1



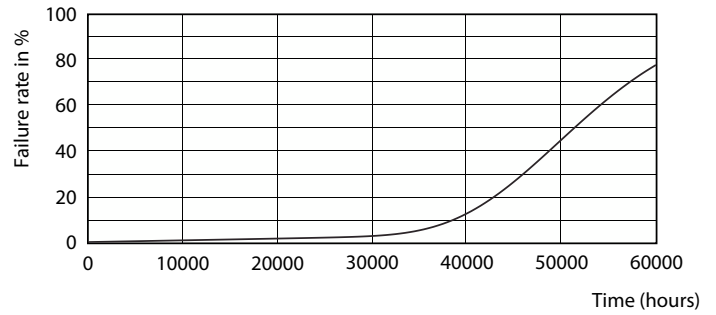
Light Distribution Diagram - 165HB/LED/840/ND NB UDL 2/1

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## Lifetime



Lumen Maintenance Diagram - 165HB/LED/840/ND NB UDL 2/1



Life Expectancy Diagram - 165HB/LED/840/ND NB UDL 2/1

