

	HABISTAT	
	PRODUCT DATA SHEET	
HBD	DAYLIGHT SPOTLAMP	  RoHS



GENERAL DESCRIPTION - a range of Daylight Spotlight lamps that provide an intense beam of light and heat to create a localised basking spot. They are available with screw or bayonet fittings.

SPECIAL PRECAUTIONS

These lamps have a high light output, do not look directly at the lamp when it is lit. Switch off the lamp and allow it to cool before handling. Dispose of in line with WEEE regulations.

LAMP DIMENSIONS

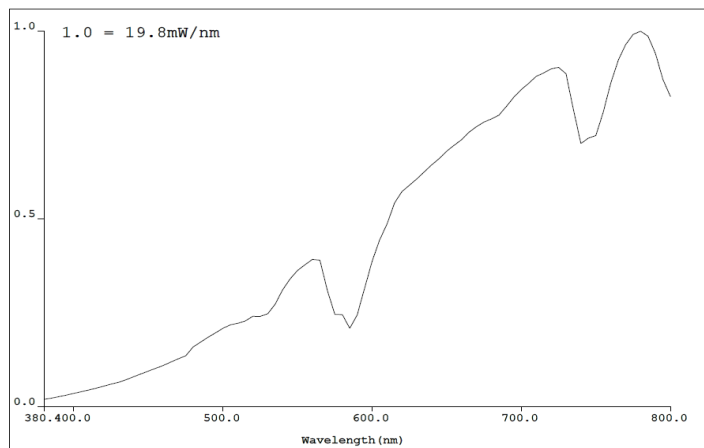
	"A" mm	"B" mm	"C" mm	"D" mm
HBD40				
HBD60				
HBD100				
HBD150				
HBD40B				
HBD60B				
HBD100B				
HBD150B				

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MEASUREMENTS						
	Nominal wattage	Rated Power	Power usage	Lumen output	Lumens per watt	Energy rating
	W	W	kWh/1000h	lm	lm/W	
HBD40	40	39.45	39.45	220.9	5.60	E
HBD60	60	59.75	59.75	330.4	5.53	E
HBD100	100	104.56	104.56	634.7	6.07	E
HBD150	150	150.57	150.57	764.9	5.08	E
HBD40B	40	39.45	39.45	220.9	5.60	E
HBD60B	60	59.75	59.75	330.4	5.53	E
HBD100B	100	104.56	104.56	634.7	6.07	E
HBD150B	150	150.57	150.57	764.9	5.08	E

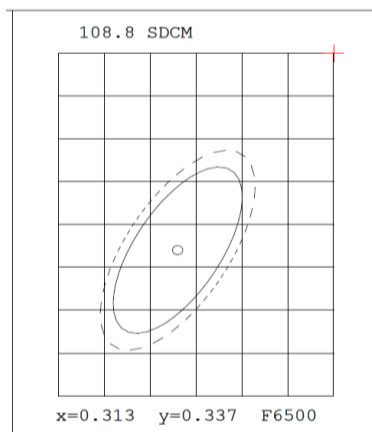
	Colour temp.	Lux @ 200mm	Lux @ 400mm	PAR @ 200mm	PAR @ 400mm	UVA	UVB	UVC
	K	lx	lx	m ⁻² s ⁻¹	m ⁻² s ⁻¹	%	%	%
HBD40	2700							
HBD60	2700							
HBD100	2700							
HBD150	2700							
HBD40B	2700							
HBD60B	2700							
HBD100B	2700							
HBD150B	2700							

COLOUR SPECTRAL CHART wavelength nm



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COLOUR RENDER INDEX CHART



TEST EQUIPMENT

Power drawn	SX PMS-50 Spectrophotocolormiter
Lumen output	SX PMS-50 Spectrophotocolormiter
Colour temperature	SX PMS-50 Spectrophotocolormiter
Lux	Iso-Tech Light Meter model 1335
PAR	Apogee PAR meter model MQ-500
UVA	Solarmeter UV Index model 6.5
UVB	Solarmeter UV Index model 6.5
UVC	Solarmeter UVC meter model 8.0
Energy eff. Calcs	EU reg 874/2012 Energy labelling of electrical lamps and luminaires

ADDITIONAL PARTS

HARMONISED STANDARDS

LVD	RoHS
EN60432-1:1999/A2:2011	EN50581:2012

EMC

EN55015:2013

EN61547:2009

EN61000-3-2:2014

EN61000-3-3:2013