



LUMINAIRE SCHEDULE

Land at Bishopstone

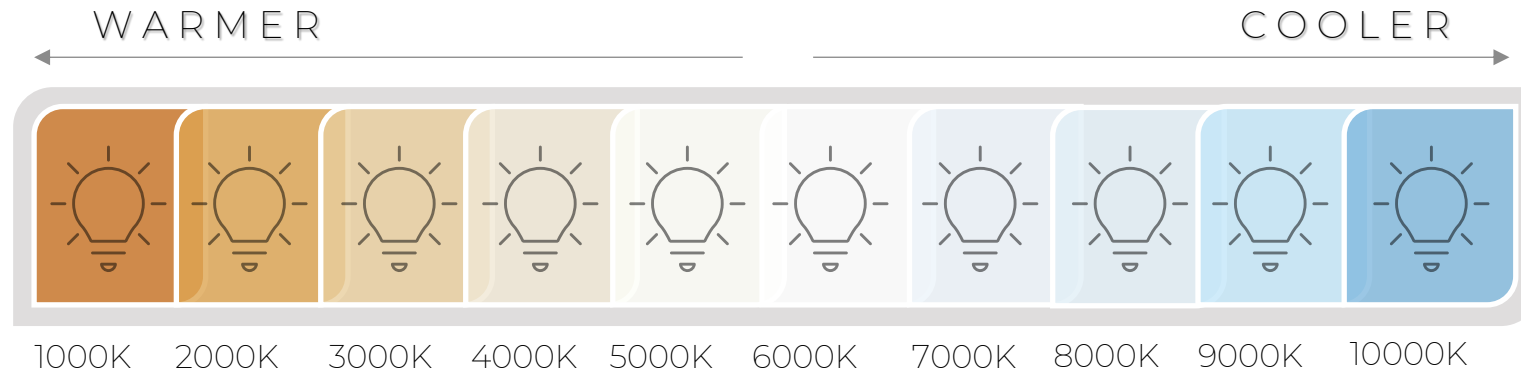
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15/01/26

ECOLOGICAL LIGHTING
SOLUTIONS

WILDLIFE-FRIENDLY LIGHTING DESIGN

COLOUR TEMPERATURE



Correlated Colour Temperature (CCT) is measured in kelvin (K) and used to describe the colour of white light given off from a fitting. Typically, in a home this is between 1,800K to 3,000K, whereas in a commercial office 4,000K to 6,500K is typical. Daylight is usually determined as being above 6,500K. Fittings which change their CCT are available, resulting in an offering of different atmospheres.

COLOUR RENDERING INDEX (CRI)



Colour Rendering Index (CRI) is a term used to describe the ability of a light source to accurately render the colour spectrum in comparison to daylight. The CRI of a light fitting represents how accurate it is in relation to daylight. Daylight is 100, so the closer the CRI is to 100 the truer the colour will appear. Certain areas require minimum CRI ratings to comply with British Standards.

INGRESS PROTECTION (IP) RATING

Ingress Protection (IP) rating details how much protection against dust and water a light fitting has. The first number relates to dust and the second to water. Certain areas require specific IP ratings to comply with British Standards.

Dust		Water		Less ↓ More
	0 No Protection		0 No Protection	
	1 Protected against a solid object greater than 50mm, such as a hand.		1 Protected against water drops.	
	2 Protected against a solid object greater than 12.5mm, such as a finger.		2 Protected against water drops at a 15 degree angle.	
	3 Protected against a solid object greater than 2.5mm, such as a wire.		3 Protected against water spray at 60 degree angle.	
	4 Protected against a solid object greater than 1.0mm, such as a thin strap.		4 Protected against water splashing from any angle.	
	5 Dust Protected. Prevents ingress of dust sufficient to cause harm.		5 Protected against water jets from any angle.	
	6 Dust tight. No ingress of dust.		6 Protected against powerful water jets and heavy seas.	
Example:  IP65 Protected against water jets from any angle. Dust tight. No ingress of dust.			7 Protected against the effects of temporary submersion in water. (30 minutes at 3 feet)	More ↓
			8 Protected against the effects of permanent submersion in water. (Up to 13 feet)	

FURTHER TERMINOLOGY



Wattage - The wattage of a fitting is a brief description of how much electricity it will be consuming when it is in use. The lower the wattage, the lower the cost will be to run the fitting. However, this also needs to be balanced with the lumen output and light output ratio.



Lumen Output - The amount of light produced by a fitting is measured in lumens. The lumen output needs to be suitable for illuminating an area to a specific requirement, to ensure compliance. Therefore, to guarantee that LED fittings are efficient, Building Regulations detail the minimum 'lumens per watt' light fittings are required to have.



Light Output Ratio – Not all of the light produced by a lighting fixtures actually exits the fitting, some of it gets inter-reflected and stuck. Therefore the light output ratio (LOR) represents how much light actually comes out of the fitting. The higher this is the more efficient the fitting is.

LUMINAIRE SCHEDULE

DL1: Downlight

Manufacturer: Light Graphix

Code: LD95-C1-350/LW27/WB/Black

Link: <https://www.lightgraphix.co.uk/prod?product=LD95>

Beam angle: 48°

IP rating: 66

Colour temperature: 2700K

Dimming: N/A

Fire hood: N/A



LUMINAIRE SCHEDULE

SL1: Spotlight

Manufacturer: Light Graphix

Code: LD238-E3-350/LW27/WWB/HC/Black/SMB

Link: <https://www.lightgraphix.co.uk/prod?product=LD238>

Beam angle: 55°

IP rating: 67

Colour temperature: 2700K

Dimming: N/A

Fire hood: N/A



LUMINAIRE SCHEDULE

WL1: Wall light

Manufacturer: Astro Lighting

Code: 1317011

Link: <https://www.astrolighting.com/products/1317011-mast-light>

Beam angle: 36°

IP rating: 65

Colour temperature: 2700K

Dimming: N/A

Fire hood: N/A

Lamp: [LED PAR16 50 36° V 4.3W 827 GU10](#)



LUMINAIRE SCHEDULE

WL2: Wall light

Manufacturer: Simes

Code: S.4573H.09

Link: <https://www.simes.it/en/code/S.4573H-minidiapason-square>

Beam angle: Asymmetric

IP rating: 54

Colour temperature: 2700K

Dimming: N/A

Fire hood: N/A



LUMINAIRE SCHEDULE

WL3: Wall light

Manufacturer: Bega

Code: 66 411 K3

Link: <https://www.bega.com/en-gb/products/solutions/collection-boom/wall-luminaire-66411/>

Beam angle: Diffuse

IP rating: 44

Colour temperature: 2700K

Dimming: N/A

Fire hood: N/A

Lamp: [LED Classic P 40 Filament P 3.4W 827 Frosted E27](#)



LUMINAIRE SCHEDULE

WL4: Wall light

Manufacturer: Light Graphix

Code: LD97-C1-350/LW27/WB/GS/Black

Link: <https://www.lightgraphix.co.uk/prod?product=LD97>

Beam angle: 48°

IP rating: 66

Colour temperature: 2700K

Dimming: N/A

Fire hood: N/A



Indicative image only – finish to be black

LUMINAIRE SCHEDULE

WL5: Wall light

Manufacturer: Simes

Code: S.4573H.09

Link: <https://www.simes.it/en/code/S.4573H-minidiapason-square>

Beam angle: Asymmetric

IP rating: 54

Colour temperature: 2700K

Dimming: Mains (with remote driver)

Fire hood: N/A

