



### BUXUS 50 GENERAL CHARACTERISTICS

<b>Applications</b>	Industrial and outdoor lighting
<b>Optics</b>	<b>13:</b> Rotosymmetric 13°; <b>25:</b> Rotosymmetric 25°; <b>AS:</b> Asymmetric; <b>A2:</b> Asymmetrical 2; <b>40:</b> Rotosymmetric 40°;
<b>Colour temperature</b>	<b>1:</b> Cool White 5,500K; <b>2:</b> Warm White 3,000K; <b>8:</b> Neutral White 4,000K;
<b>CRI and color tolerance (SDCM)</b>	Medium 75 on request Min. > 80 Colour tolerance between several luminaires Max. 5 MacAdam steps; on request 3 MacAdam steps
<b>Photobiological safety class</b>	Exempt Group
<b>Insulation class</b>	Class I
<b>Degree of protection</b>	IK08
<b>IP Grade</b>	IP66
<b>Wiring</b>	Quick plug-in IP65 connector
<b>Dimensions</b>	310 x 220 x 93.5 mm
<b>Weight</b>	5.5 kg

### ELECTRICAL CHARACTERISTICS

<b>Power supply</b>	220-240 V 50/60 Hz
<b>Power factor</b>	> 0.9 (at full load)
<b>Control system</b>	Power supplies with 1-10V dimming line or DALI on request
<b>Operating temperature</b>	-20°C +40°C
<b>Network connection</b>	Neoprene cable 0.3 m
<b>Optical unit life (Ta from -10°C to 45°C)</b>	L90 B10 > 90.000 hr

### MATERIALS

<b>Fixing</b>	By means of black painted steel bracket
<b>Heatsink</b>	Black anodized aluminium
<b>Frame</b>	Black painted steel; painted RAL 9005
<b>Optics</b>	Version 13/25/40°/AS Optical PMMA with high temperature and UV resistance
<b>Screen</b>	4 mm thick toughened flat glass resistant to thermal shock and impact

### POWER AND FLUX\* LUMINAIRE (T<sub>AMB</sub>=25°C, T<sub>C</sub>=4000K)

Buxus 50 1	80 W	10560 lm
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### CODING

	LED colour	LED type	Optics Type	Finishes	Options	Power
<b>BUH</b>	<b>1</b>	<b>C</b>	<b>13</b>	<b>11</b>	<b>0</b>	<b>1</b>
	<b>2</b>		<b>25</b>		<b>D</b>	
	<b>8</b>		<b>AS</b>			
			<b>A2</b>			
			<b>40</b>			

The characteristics of the product are subject to change and will be confirmed when the order is placed.  
The values indicated are to be considered with a tolerance of +/- 5%.