

BUXUS 75 GENERAL CHARACTERISTICS	
Applications	Industrial and outdoor lighting
Optics	13: Rotosymmetric 13°; 25: Rotosymmetric 25°; AS: Asymmetric; A2: Asymmetrical 2; 40: Rotosymmetric 40°;
Colour temperature	1: Cool White 5,500K; 2: Warm White 3,000K; 8: Neutral White 4,000K;
CRI and color tolerance (SDCM)	Medium 75 on request Min. > 80 Colour tolerance between several luminaires Max. 5 MacAdam steps; on request 3 MacAdam steps
Photobiological safety class	Exempt Group
Insulation class	Class I
Degree of protection	IK08
IP Grade	IP66
Wiring	Quick plug-in IP65 connector
Dimensions	310 x 220 x 93.5mm
Weight	5.5 kg
ELECTRICAL CHARACTERISTICS	
Power supply	220-240 V 50/60 Hz
Power factor	> 0.9 (at full load)
Control system	Power supplies with 1-10V dimming line or DALI on request
Operating temperature	-20°C +40°C
Network connection	Neoprene cable 0.3 m
Optical unit life (Ta from -10°C to 45°C)	L90 B10 > 90.000 hr
MATERIALS	
Fixing	By means of black painted steel bracket
Heatsink	Black anodized aluminium
Frame	Black painted steel; painted RAL 9005
Optics	Version 13/25/40°/AS Optical PMMA with high temperature and UV resistance
Screen	4 mm thick toughened flat glass resistant to thermal shock and impact

The product features are subject to change at the sole discretion of the manufacturer. Tolerances depend on various factors (including the power curve, operating temperature, the components used, etc.) and are subject to confirmation by the manufacturer. Please contact the technical office for more information.

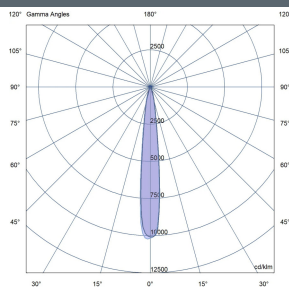


POWER AND OPTICAL FLUX 13 (T _{amb} =25°C)						
CODE	Power (W)	4000K		Power (W)	3000K	
		Flux (lm)	Efficiency		Flux (lm)	Efficiency
BUH_C__11_2	105,0	14.595	139	105,0	13.427	128
POWER AND OPTICAL FLUX 25 (T _{amb} =25°C)						
CODE	Power (W)	4000K		Power (W)	3000K	
		Flux (lm)	Efficiency		Flux (lm)	Efficiency
BUH_C__11_2	105,0	14.353	137	105,0	13.205	126
POWER AND OPTICAL FLUX AS (T _{amb} =25°C)						
CODE	Power (W)	4000K		Power (W)	3000K	
		Flux (lm)	Efficiency		Flux (lm)	Efficiency
BUH_C__11_2	105,0	13.860	132	105,0	12.751	121
POWER AND OPTICAL FLUX A2 (T _{amb} =25°C)						
CODE	Power (W)	4000K		Power (W)	3000K	
		Flux (lm)	Efficiency		Flux (lm)	Efficiency
BUH_C__11_2	105,0	13.314	127	105,0	12.249	117
POWER AND OPTICAL FLUX 40 (T _{amb} =25°C)						
CODE	Power (W)	4000K		Power (W)	3000K	
		Flux (lm)	Efficiency		Flux (lm)	Efficiency
BUH_C__11_2	105,0	13.440	128	105,0	12.365	118

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OPTICS

Rotosymmetrical 13°





CODING

	LED Color Temperature	LED Color Temperature	Optics	Finishes	Options	Power *
BUH	X	X	X	X	X	X
	1 Cool White 5,500K	C	13 Rotosymmetric 13°	11	0 none	2 105 W
	2 Warm White 3,000K		25 Rotosymmetric 25°		D Dali	
	8 Neutral White 4,000K		AS Asymmetric			
			A2 Asymmetrical 2			
			40 Rotosymmetric 40°			

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