

BUXUS 600 GENERAL CHARACTERISTICS	
Applications	Industrial and outdoor lighting
Optics	<b>13:</b> Rotosymmetric 13°; <b>25:</b> Rotosymmetric 25°; <b>AS:</b> Asymmetric; <b>A2:</b> Asymmetrical 2; <b>40:</b> Rotosymmetric 40°;
Colour temperature	<b>1:</b> Cool White 5,500K; <b>2:</b> Warm White 3,000K; <b>8:</b> 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	IP65 quick connector / Four IP65 quick connectors
Dimensions	627 x 436 x 116mm
Weight	30 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

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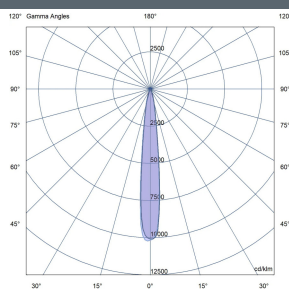


POWER AND OPTICAL FLUX   13 (T <sub>amb</sub> =25°C)						
		4000K		3000K		
CODE	Power (W)	Flux (lm)	Efficiency	Power (W)	Flux (lm)	Efficiency
BUH_C__11_7	900,0	125.100	139	900,0	115.092	128
POWER AND OPTICAL FLUX   25 (T <sub>amb</sub> =25°C)						
		4000K		3000K		
CODE	Power (W)	Flux (lm)	Efficiency	Power (W)	Flux (lm)	Efficiency
BUH_C__11_7	900,0	123.030	137	900,0	113.188	126
POWER AND OPTICAL FLUX   AS (T <sub>amb</sub> =25°C)						
		4000K		3000K		
CODE	Power (W)	Flux (lm)	Efficiency	Power (W)	Flux (lm)	Efficiency
BUH_C__11_7	900,0	118.800	132	900,0	109.296	121
POWER AND OPTICAL FLUX   A2 (T <sub>amb</sub> =25°C)						
		4000K		3000K		
CODE	Power (W)	Flux (lm)	Efficiency	Power (W)	Flux (lm)	Efficiency
BUH_C__11_7	900,0	114.120	127	900,0	104.990	117
POWER AND OPTICAL FLUX   40 (T <sub>amb</sub> =25°C)						
		4000K		3000K		
CODE	Power (W)	Flux (lm)	Efficiency	Power (W)	Flux (lm)	Efficiency
BUH_C__11_7	900,0	115.200	128	900,0	105.984	118

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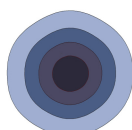
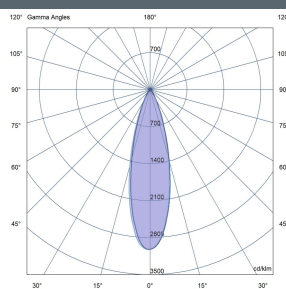
## OPTICS

## Rotosymmetric 13°



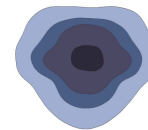
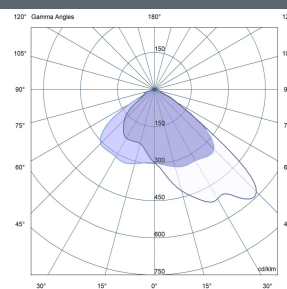
13° Rotosymmetrical Optics

## Rotosymmetric 25°



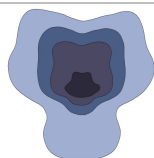
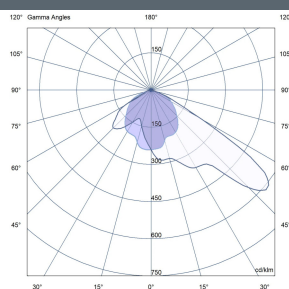
25° Rotosymmetrical Optics

## Asymmetric



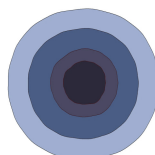
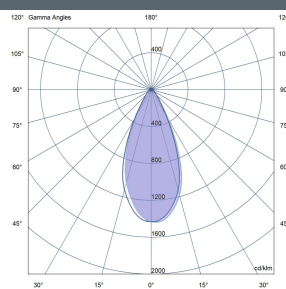
Asymmetric

## Asymmetrical 2



Asymmetric

## Rotosymmetric 40°



40° Rotosymmetrical Optics

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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	7 900 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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