

Futurled 3R - 230V / DIM-EU Technical Data

		Ø210mm		Ø300mm	
Luminous intensity: ¹⁾ :	Red	> 200 cd	Red	> 400 cd	
	Amber	> 200 cd	Amber	> 400 cd	
	Green	> 200 cd	Green	> 400 cd	
	according to EN 12368				
Lightdistribution ¹⁾ : (category, performance level/ class, type)	A2/1, W			A3/1, N	
	according to EN 12368				
Colour:	Red	613.5 - 631 nm	Red	613.5 - 631 nm	
	Amber	585 - 597 nm	Amber	585 - 597 nm	
	Green	498.5 - 508 nm	Green	498.5 - 508 nm	
	according to EN 12368				
Uniformity of luminance ¹⁾ :		according to EN 12368			
LED type:	Red	High Flux	Red	High Flux	
	Amber	High Flux	Amber	High Flux	
	Green	High Flux	Green	High Flux	
Phantom light class ¹⁾ : (with tinted lens)		Class 5		Class 5	
Dimming:		When Input Voltage is reduced from 230V to 160V (± 10V) luminous intensity is reduced to about 50%.			
Operating Voltage: (Daytime / Nighttime)		230Vac [195V – 253V] / 160Vac [150V – 170V]			
Frequency:		45 - 55 Hz			
Power consumption (min.): (Daytime / Nighttime)	Red	12 W / 4W			
	Amber	12 W / 4W			
	Green	12 W / 4W			
EMC:		according to EN 50293			
Power factor:		> 0.9			
Connection Cable:		2 x 0.75 mm ² ; 1m			
Ambient temperature range:		- 40°C bis + 60°C Classes A, B, C according to EN 12368			
Relative humidity:		< 95 %			
Level of protection:		SK II			
Tightness:		IP 65 according to EN 60529			
Impact resistance of the lens:		Class IR3; according to EN 60598 – 1			
Material lens / housing		Polycarbonate			
Weight:		< 1.0 kg		< 1.5 kg	
Dimensions (incl. Front lens):		Ø 210 x 117 mm		Ø 300 x 149 mm	

¹⁾ Daytime