

12W ES111-G2 Dimmable

DATA SHEET

1. Electric and photometric parameters

Description	Unit	Min.	Typical	Max.
Input power	Watt		12W	
Input voltage	Volts	220	240	250
Power factor	%	95		
Switch ON time	seconds		0.5	1
Dimmable			Yes	
Energy class		A+		
Equivalent		75W halogen		
CCT/CRI values Warm white (2700K, CRI92)	Kelvin	2650K	2700K	2850K
Brightness Warm white (2700K, CRI92)	Lumen	850	900	950
Available beam angle	(°)	38°		
LED brand		NICHIA		
LED product code		757		

2. Reliability parameters

Description	Unit	Min.	Typical	Max.
Warranty	years		3	
Life time	hours	25000		
ON-OFF cycles		30000		
Light decay after 10000h	%		5	8
after 20000h			8	12

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3. Environment conditions

Description	Unit	Min.	Typical	Max.
Operating temp. Range	°C	-20		+40
Humidity operating range	%	10		80
Storage temp. range	°C	-20		+70
Humidity storage range	%	10		60
IP protection	IP	20		

4. Mechanical parameters

Description	Unit	Min.	Typical	Max.
Net weight	Kg		0.2	
Dimensions(Lamp) diameter length	mm		109 68.7	
Main materials		Aluminum / Conductive Plastic / Thermal Painting		

5. Single Box packaging

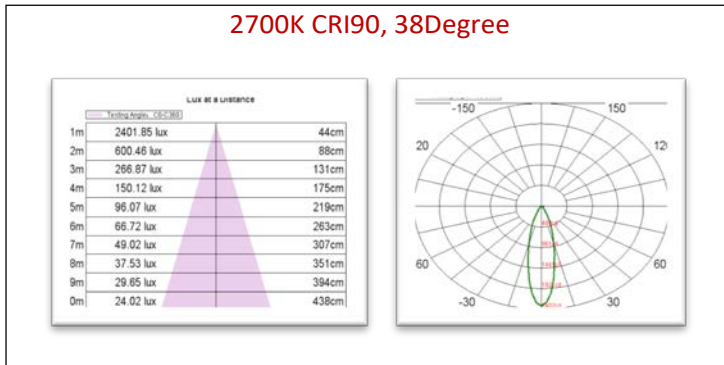
Description	Unit	Min.	Typical	Max.
Box dimensions length width height	mm		140 140 105	
Gross weight	Kg		0.1	
Quantity	pc		1	1

6 External Box packaging

Description	Unit	Min.	Typical	Max.
Box dimensions length width height	mm		730 290 230	
Gross weight	Kg		0.616	
Quantity	pc		50	

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7. Optical Test



8. Lamp Mechanical drawing

