



Flood luminaries

Simple and easy appearance, in line with contemporary aesthetic concept. The product has the structure and appearance design patent. The lamp body adopts high-pressure cast aluminum and aluminum alloy, the surface is coated with outdoor used powder, double anti-corrosion to extend service life. This lawn lamp series uses LED. High efficiency constant current driver, ensure the light source is maximum used.

FIELDS OF APPLICATION
All outdoor areas

IEC 62717 LED-modules for general lighting – Performance requirements
IEC 62722-2-1 Particular requirements for LED luminaires

High Lumen Efficacy 175lm/W
Chip - Philips PCB SMD **PHILIPS**
Glowing Wire Test - 850°
Temperature - ta=20 °C ~ ta max=50 °C
Class - III

Model --- Q21



A - L300 X W70 X H48mm

Default Available

50Q21-W-30-60-0-A

Product Assistant Chart

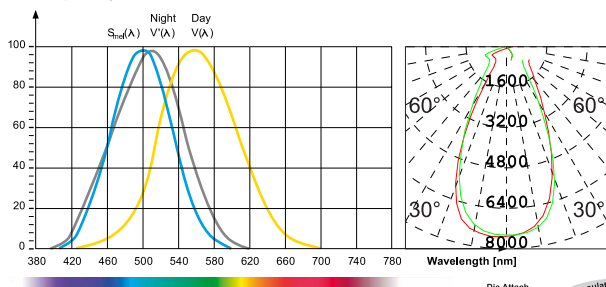
Q21		X	X	X	X	X	
Size	A						[]
Driver	0	1	2	3	4		[]
	On/Off	Dali	Dimmable	Phase Dimming	1-10		
Beam Angle	60°	90°	80X150°				[]
Kelvin	30		40		60		[]
	3000K		4000K		6000K		
Finishing	W	G		B			[]
	White	Dark Grey		Black			
Wattage	50	60					[]

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IP 66 IK 09 PHILIPS SMD McA Step 3 DC48V

Relative spectral perception of brightness and melanopic effect

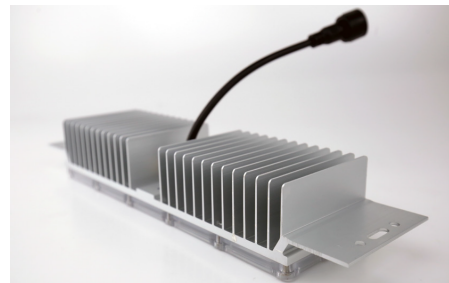
Effect as a percentage



Explanation of the three curves:
V(A) = Perception of brightness, daytime seeing with the cones
V(A) = Night-time seeing with the rods
S_m(A) = Melatonin suppression with the photosensitive ganglion cells



Accessories



LED life time		Operating time 1.000 h										
Lamp Lumen Maintenance Factor	Lamp Survival Factor	1	10	20	30	40	50	60	70	80	90	100
L80	50.000 h	LLMF	1	0.96	0.92	0.88	0.84	0.80	0.76	0.72	0.68	0.64
		LSF	1	1	1	1	1	0.99	0.99	0.99	0.99	0.98
L80	100.000 h	LLMF	1	0.98	0.96	0.94	0.92	0.90	0.88	0.86	0.84	0.82
		LSF	1	1	1	1	1	1	0.99	0.99	0.99	0.99



LED

CR>90

series wiring



CE

