



QM lighting

QM-07006

Candle light



Add: 3F, HuShanRoad, No. 13, Daguangkan Industrial Zone, Bantian, LonggangDistrict, Shenzhen,

Guangdong, China

Tel: 86-755-84714721 Fax: 86-755-84714707

E-mail: qm@qmlighting.com

Website: www.qmlighting.com

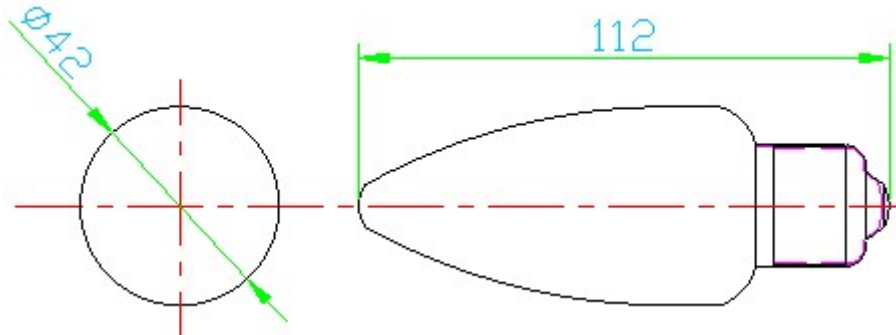
Copyright© 2008 QM Lighting, Inc. All rights reserved.

version : 1.0



QM lighting

Dimensions



Unit: mm

Tolerance: ± 2.5 mm

Specifications

- BULB TYPE: Candle light
- BASE TYPE: E27/E14
- INPUT VOLTAGE: 110\230 AC with reversed polarity protect
- INPUT POWER: 1.2~3.6W
- OUTPUT POWER: 0.72~3W
- TOTAL LENGTH: 112mm
- BEAM ANGLE: 120degrees
- REFLECTOR EFFICIENCY: 85%
- LIGHT SOURCE: Low power LED
- LED OUTPUT CURRENT: 20mA
- BODY TEMPERATURE: $< 55^{\circ}\text{C}$
- LED WORKING TEMPERATURE: $-20^{\circ}\text{C} \sim 50^{\circ}\text{C}$
- FULL RANGE OF COLORS: cool white, warm white, blue, green ,red,yellow,RGB
- NET WEIGHT: 40g
- ALUMINIUM HOUSING
- NO UV OR IR RADIATION
- SAFETY ASSURANCE: CE&RoHS

Illuminance and Beam Angles

part no.	LED QTY	Color	wavelength/CCT (nm/K)	Luminous Flux (LM)	Power	Color-rendering index	Light Effect (lm/W)
QM-07006-001	20	cool white	5000-7000K				
QM-07006-002		Nature white	3500-5000K	45.9	1.1W		40.6
QM-07006-003		warm white	2700-3500K	45.9	1.1W		40.6

Add: 3F, HuShanRoad, No. 13, Daguangkan Industrial Zone, Bantian, LonggangDistrict, Shenzhen,

Guangdong, China

Tel: 86-755-84714721 Fax: 86-755-84714707

E-mail: qm@qmlighting.com

Website: www.qmlighting.com

Copyright© 2008 QM Lighting, Inc. All rights reserved.

version : 1.0



QM lighting

warm white

CIE Parameter:

Coordinate: $x=0.4322, y=0.4223$

OCT: $T_c=3222\text{ K}$

Purity=56.5%

$u=0.2400, v=0.3518$

Main Wave=579.4nm

Peak Wave=585.0nm

Half Width=114.1nm

Red Ratio=20.0%

Chromatism SDCM=10.9

Color rendering property :Ra=64.6

R1=59

R2=74

R3=88

R4=59

R5=57

R6=61

R7=79

R8=40

R9=-53

R10=40

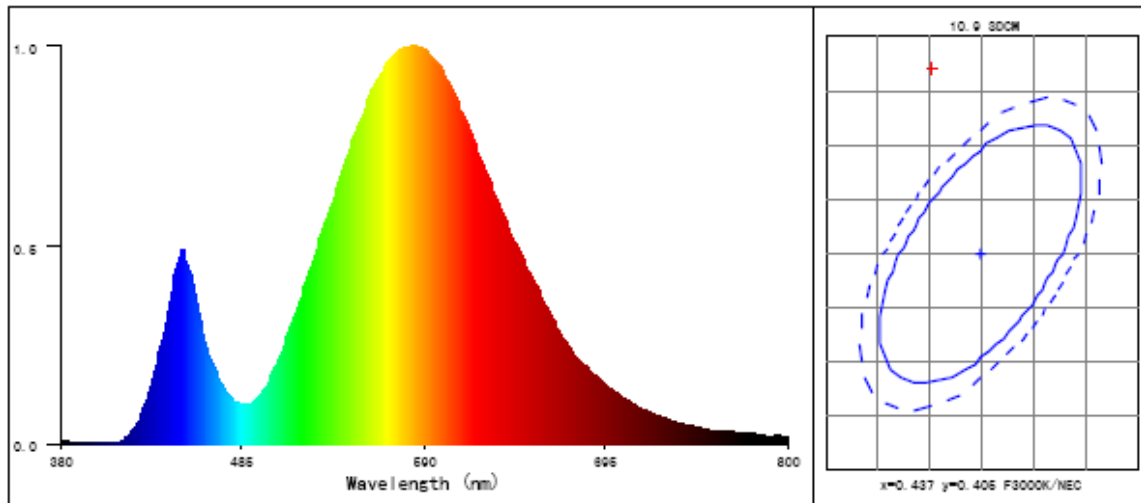
R11=48

R12=27

R13=61

R14=93

R15=52



Other parameters:

Flux: $\Phi=45.9\text{ Lm}$

Efficiency: $\text{Effi}=40.6\text{ Lm/W}$

Stability: $\%=0.3\%$

Voltage: $U=220.1\text{ V}$

Current: $I=0.020\text{ A}$

Power: $P=1.1\text{ W}$

Power factor: $\text{PF}=0.253$

Add: 3F, HuShanRoad, No. 13, Daguangkan Industrial Zone, Bantian, LonggangDistrict, Shenzhen,

Guangdong, China

Tel: 86-755-84714721 Fax: 86-755-84714707

E-mail: qm@qmlighting.com

Website: www.qmlighting.com

Copyright© 2008 QM Lighting, Inc. All rights reserved.

version : 1.0