



新产品测试报告 New Model Testing report

产品型号 Dlight Star Article number	DL102S		客户代码 Customer Article Number	M01		编制 Document prepared by	Amy Lee		
产品编码 product code			版本 Version	20151210		技术确认 engineer confirmation	Roger Lin		
产品描述 Product description	Rechargeable led Pen Light					核准 Approved by QC	Ivan Chou		
修订履历 (Revise recode)									
修改日期 Revise date	原规格 (original spec)				修订后 (Revised Spec)				
项目 Section	项次 No	配备规格	项目	规格 Range	单位 Unit	测试仪器/治具	测试条件 testing condition	测试方法 Testing method	公差 Tolerance
电 气 特 性	1	√	照度 LUX	Work light: 248	LUX	照度表 Digital LUX Meter	产品电池充电 Battery fully charged	距离50CM测试照度最大值 max LUX output@50cm	+∞ -10%
				Flashlight: 1750					
	2	√	光通量 Lumen	Work light:200	LM	积分球 Integrating sphere	产品电池充电 Battery fully charged	将产品置于积分球的中心位置, 注意灯光不能直射探头 put product in the centre of integrating sphere, notice that the light should not shoot probe directly.	+∞ -10%
				Flashlight:135					
	3	√	放电时间 Operation time	work Light: two hrs and 15min	H	秒表 Stop watch	产品电池充电 Battery fully charged	充电电的情况下到自动熄灭 From fully charged to automatic power off	+∞ -10%
				Flashlight:2 hrs and 45min					
	4	√	充电时间 Charging time	two hrs and 42 min	H	秒表 Stop watch	将产品的电量放完 completely discharge	接4.2V/300mA适配器充电至指示灯转绿 indicator turns green	+10% -∞
	5		工作电压 Working voltage		V	变频电源 Frequency conversion power		充电时调整变频电源的输出电压和频率 Adjust the output Voltage and frequency while charging.	
	6		功耗 power consumption		W	功率测试仪器 Power Tester		电池没电时4.2V/300mA适配器的消耗功率 Power consumption of adapter while battery is flat	+10% -∞
7	√	开关顺序 Switch sequence	work light on -flashlight on-off				手动 hand operate		
8	√	电池规格 Battery spec	Rechargeable battery(800mAh/3.7V)	MAH			0.2C充电电流 Charging current is 0.2C	电池测试仪 Battery Tester	±5%
9		耐高压 High voltage requirement		V	耐压测试仪 Voltage resistancy Tester	AC3000V/5ma/5s	适配器外壳与插脚之间打3000V电压 Put 3000V between Adapter shell and plug pin		
物 理 性 能	10	√	磁力测试 Magnetic Testing	背部磁力 magnetic power on back	GS	拉力计 Newton meter	1mm铁板上测试 on 1mm Iron plate	产品吸在1mm铁板上测试拉力 1MM plate magnetic force test	+∞ -10%
				底部磁力 Magnetic power on					
	11		旋转性能 bending performane		Times	旋转测试工装	180度旋转	将产品定位在旋转测试工装上, 以7秒/Cycle180度旋转 Product positioning on the test jigs to 7 seconds/Cycle180 degrees of rotation	
	12	√	耐摔性能 Drop proof	Tested 12 times: dropped from 1.5m with every angles it worked as well. except when the switch side down, the work light mode turn to flashlight.			1米高度 1 meter height	1米高度平推跌落至地面 Free drop from 1 meter to the ground	
	13		IP等级 IP rating						
14	√	灯体净重 Lamp net weight	61	g	电子称 Digital Scale				

说明: 上述为该产品规格认定, 请客户确认并签字回传。 Hereby confirmed that the above specification is what we required for you.

Note: We reserve all the rights changing products design without notifying customers as long as we keep above parameters unchanged.

客户公司名称 (Customer name) :

客户产品型号: (part Number) :

客户签名 (Signature) :

日期 (Date) : 2016.02.15