



# QUALITY TEST RESULT

NO	DATE	REQUESTED BY	CATEGORY	MODEL	QTY	LIST	RESULT	REMARK
1	14-3-13	SALES	MASS PRODUCTION	DURA4	15	POWER CONSUMPTION	PASS	
2						ON-OFF	PASS	
3						THERMAL SHOCK	PASS	
4						HIGH TEMP & HUMID	PASS	
5						SPRINKLING WATER (IP 69K)	PASS	
6						WATER PROOF (IP68)	PASS	
7						VIBRATION	PASS	

# QUALITY TEST REPORT

CUSTOMER	-	REQUESTED BY	R&D	WRITTEN	REVIEWD	APPROVED
MODEL	Dura 400		-	INTERNALLY PASSED		
PART NAME	ASS'Y	COLOR	BK			
TEST DATE	2014-03-18	REPORT DATE	2014-03-18		RESULT	<b>PASS</b>
CLASS	Mass Production	WRITTEN BY	QC TEAM / Beck Joung Yoon			
TEST NAME	POWER CONSUMPTION				LOT NO.	-
PURPOSE	RELIABILITY ASSURANCE OF NEW DEVELOPED PRODUCT					
TEST METHOD	PROVIDING VOLTAGE ACCORDING TO OBJECT'S SPECIFICATION CHECK THE WATTAGE SHOWN ON POWER METER					
CRITERION	ACCORDING TO OBJECT'S SPECIFICATION (20W)					
TEST RESULT	PASS					
REMARK	-					

■ TEST PROCCSS (PICTURES)



# QUALITY TEST REPORT

CUSTOMER	-	REQUESTED BY	R&D	WRITTEN	REVIEWD	APPROVED
MODEL	Dura 400		-	INTERNALLY PASSED		
PART NAME	ASS'Y	COLOR	BK			
TEST DATE	2013-02-18	REPORT DATE	2013-02-18	RESULT	<b>PASS</b>	
CLASS	New Developed Product	WRITTEN BY	QC TEAM / Beck Joung Yoon			
TEST NAME	On-Off Test			LOT NO.		
PURPOSE	RELIABILITY ASSURANCE OF NEW DEVELOPED PRODUCT					
TEST METHOD	PROVIDING VOLTAGE ACCORDING TO EACH OBJECTS' SPECIFICATION CONDUCT ON-OFF TEST 10,000 TIMES					
CRITERION	NO DIMMING OR FLICKERING OR DECREASED OUTPUT IS TO BE OBSERVED					
TEST RESULT	PASS					
REMARK	-					

▣ TEST PROCCSS (PICTURES)



# QUALITY TEST REPORT

CUSTOMER	-	REQUESTED BY	R&D	WRITTEN	REVIEWD	APPROVED
MODEL	Dura 400		-	INTERNALLY PASSED		
PART NAME	ASS'Y	COLOR	BK			
TEST DATE	2014-03-18	REPORT DATE	2014-03-18	RESULT	<b>PASS</b>	
CLASS	Mass Production	WRITTEN BY	QC TEAM / Beck Joung Yoon			
TEST NAME	THERMAL SHOCK			LOT NO.		
PURPOSE	RELIABILITY ASSURANCE OF NEW DEVELOPED PRODUCT					
TEST METHOD	PUT PRODUCT IN THE CHAMBER WITH POWRED ON, LEAVE FOR 30MIN AT THE CONDITION, $-35 \pm 2^{\circ}\text{C}$ CHANGE CONDITION TO $80^{\circ}\text{C} \pm 2$ AND LEAVE FOR 30 MINT ABOVE IS ONE CYCLE AND REPEAT 48 TIMES (48HR) CHECK THE PRODUCT					
CRITERION	NO PHENOMENON SUCH AS MOISTURE, WATER DROP AND PERCOLATED WATER IS TO BE OBSERVED					
TEST RESULT	PASS					
REMARK	-					

TEST PROCCES (PICTURES)



# QUALITY TEST REPORT

CUSTOMER	-	REQUESTED BY	R&D	WRITTEN	REVIEWD	APPROVED
MODEL	Dura 400		-	INTERNALLY PASSED		
PART NAME	ASS'Y	COLOR	BK			
TEST DATE	2014-03-18	REPORT DATE	2014-03-18	RESULT	<b>PASS</b>	
CLASS	Mass Production	WRITTEN BY	QC TEAM / Beck Joung Yoon			
TEST NAME	HIGH TEMP&HUMIDITY			LOT NO.		
PURPOSE	RELIABILITY ASSURANCE OF NEW DEVELOPED PRODUCT					
TEST METHOD	PROVIDING 24V, LEAVE PRODUCTS AT 60 °C (±2 °C) TEMPERATURE, AND HUMIDITY 94%(±4)% FOR 48HR AND CHECK THE PRODUCTS FOR DEFECTS					
CRITERION	NO PHENOMENON SUCH AS MOISTURE, WATER DROP AND PERCOLATED WATER, DECREASED OUTPUT IS TO BE OBSERVED					
TEST RESULT	PASS					
REMARK	-					

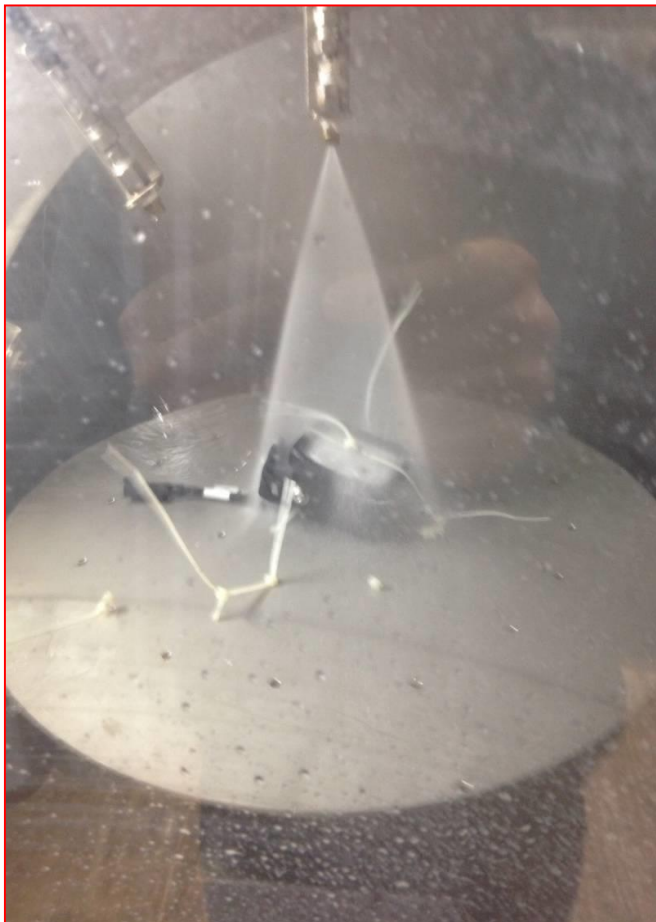
TEST PROCCSS (PICTURES)



# QUALITY TEST REPORT

CUSTOMER	-	REQUESTED BY	R&D	WRITTEN	REVIEWD	APPROVED
MODEL	Dura 400		-	INTERNALLY PASSED		
PART NAME	ASS'Y	COLOR	BK			
TEST DATE	2013-02-18	REPORT DATE	2013-02-18	RESULT	<b>PASS</b>	
CLASS	New Developed Product	WRITTEN BY	QC TEAM / Beck Joung Yoon			
TEST NAME	IP 69K			LOT NO.		
PURPOSE	RELIABILITY ASSURANCE OF NEW DEVELOPED PRODUCT					
TEST METHOD	30 SEC. FOR EACH NOZZLE / TEMP : -5~+80℃ / FLOW : 14~16L/Min PRESSURE : 80~100 bar / DISTANCE : 5~10Cm / ANGLE : 0°, 40° 60°, 90° PRODUCT IS SITTING ON TURNTABLE, ROTATING 5rpm					
CRITERION	NO PHENOMENON SUCH AS MOISTURE, WATER DROP AND PERCOLATED WATER IS TO BE OBSERVED					
TEST RESULT	PASS					
REMARK	-					

▣ TEST PROCCSS (PICTURES)



# QUALITY TEST REPORT

CUSTOMER	-	REQUESTED BY	R&D	WRITTEN	REVIEWD	APPROVED
MODEL	Dura 400		-	INTERNALLY PASSED		
PART NAME	ASSY	COLOR	BK			
TEST DATE	2013-02-18	REPORT DATE	2013-02-18	RESULT	<b>PASS</b>	
CLASS	New Developed Product	WRITTEN BY	QC TEAM / Beck Joung Yoon			
TEST NAME	WATER PROOF (IP68)			LOT NO.		
PURPOSE	RELIABILITY ASSURANCE OF NEW DEVELOPED PRODUCT					
TEST METHOD	POWER THE PRODUCT ON FOR 1HR, MAKING THE HOUSING HEATED PUT THE PRODUCT ON THE TUB FOR 30 MINTS AND SEE ANY WATER PASSED THROUGH					
CRITERION	NO PHENOMENON SUCH AS MOISTURE, WATER DROP AND PERCOLATED WATER IS TO BE OBSERVED					
TEST RESULT	PASS					
REMARK	-					

▣ TEST PROCCSS (PICTURES)



# QUALITY TEST REPORT

CUSTOMER	-	REQUESTED BY	R&D		WRITTEN	REVIEWD	APPROVED
MODEL	Dura 400		-		INTERNALLY PASSED		
PART NAME	ASS'Y	COLOR	BK				
TEST DATE	2013-02-18	REPORT DATE	2013-02-18		RESULT	<b>PASS</b>	
CLASS	New Developed Product	WRITTEN BY	QC TEAM / Beck Joung Yoon				
TEST NAME	VIBRATION				LOT NO.		
PURPOSE	RELIABILITY ASSURANCE OF NEW DEVELOPED PRODUCT						
TEST METHOD	VIBRATION 25G, HAVE A TEST FOR 1HR → FREQUENCY 53HZ / 65 DEGREE						
CRITERION	NO DAMAGE OBSERVED SUCH AS LOOSEN SCREW, CRACKED BRACKET, GRINDING HOUSING WHEN POWER IS ON, NO DIMMING OR FLICKERING OR DECREASED OUTPUT IS TO BE OBSERVED						
TEST RESULT	PASS						
REMARK	-						

▣ TEST PROCCES (PICTURES)

