

4

3

2

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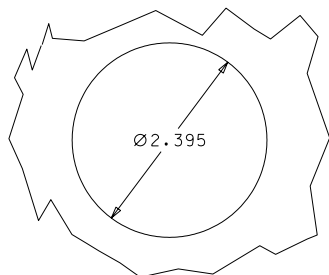
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REV STATUS OF SHEET	REV	—							
SHEET	1								

REVISION				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	—	SEE DCN 3397.	08-06-20	BLB

NOTE(S):

- NOMINAL WEIGHT: 191.5 GRAMS
MAXIMUM WEIGHT: 195.3 GRAMS
- FINISH:
RL6953-1: FINE SATIN CLEAR ANODIZE
RL6953-2: SISAL CLEAR ANODIZE
RL6953-3: FINE SATIN BLACK ANODIZE
RL6953-XX: PER CUSTOMER
EXAMPLE: RL6953-QCP500 (READING LIGHT WITH POLISHED GOLD PLATING BY QUAKER CITY PLATING)
- ACCEPTANCE TEST PER ATP6953.
- LED LAMP MODULE ACCESS: PULL ON LENS HOLDER TO REMOVE LENS HOLDER FROM BALL.
- PERMANENTLY MARK PART WITH THE FOLLOWING IDENTIFICATION INFORMATION:
A) BAC
B) PART NUMBER
C) MFG DATE CODE: YYWW (YEAR WEEK)
- LIGHT OUTPUT AT 30 INCHES FROM READING LIGHT AND 28VDC:
CENTERLINE: 30 FC MINIMUM
7.0 INCH DIAMETER SPOT: 20 FC MINIMUM
14.0 INCH DIAMETER SPOT: 10 FC MINIMUM
18.0 INCH DIAMETER SPOT: 2 FC MINIMUM



RECOMMENDED MOUNTING HOLE
MAXIMUM PANEL THICKNESS: 0.68

PEBBLED TEXTURE
GLASS

-XX

.12

2.375-24 UNS-2B

Ø2.87

2

3.000

2X Ø .151
.145

6XR.19

PLASTIC INSULATOR
LENS HOLDER

Ø2.62

Ø1.55

(36° SPHER.
ADJ.)

.048

.82

2.38 ± .05

CENTER +28VDC CONTACT
MARKED "+"

GROUND MARKED "-"

2.375-24 UNS-2A

P1

EXPANDABLE
BRAIDED
SLEEVING

4 CIRCUIT AMP PLUG, 172167-1
AMP PIN, 770987-1

22 GAGE WIRE
(MIL-W-22759/34-22)

6.00 ± .25

	2		MS3367-4-9	STRAP, TIEDOWN	NYLON		6
	1		3594-1	WIRE ASSEMBLY			5
	1		LM3650-6	LED LAMP MODULE	ALUMINUM ALLOY/THERMOPLASTIC/BRASS		4
	1		TG9000-1	TERMINAL GUARD	SILICONE RUBBER		3
	1		MN8017-1	MOUNTING NUT	ALUMINUM ALLOY		2
	1		6953-XX	READING LIGHT	ALUMINUM ALLOY		1
	XX	CAGE CODE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION		ITEM NO.

PARTS LIST

CONTRACT NO.		BIRK AEROSYSTEMS CORPORATION GARDEN GROVE, CALIFORNIA 92843	
APPROVALS		DATE	
DRAWN	JMB	08-06-20	TITLE
CHECKED	BLB	08-06-20	READING LIGHT, LED TYPE
ENGR	JMB	08-06-20	SIZE CAGE CODE
ISSUED	CLB	08-06-20	C 1XE65
FILE NO.	RL6953/PV	SCALE	1/1
WT.		SHEET	1 OF 1

4

3

2

1

ELECTRICAL SCHEMATIC

