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REV STATUS OF SHEET	REV	E					
	SHEET	1					

REVISION				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	-	SEE DCN 1953.	03-10-23	BLB
	A	SEE DCN 3008.	07-06-08	BLB
	B	SEE DCN 3652.	09-04-27	BLB
	C	SEE DCN 5664.	12-03-12	BLB
	D	SEE DCN 5886.	12-07-13	BLB
	E	SEE DCN 5935.	12-08-21	BLB

NOTE(S):

- NOMINAL WEIGHT: 168.0 GRAMS
MAXIMUM WEIGHT: 171.8 GRAMS
- FINISH:
-1: FINE SATIN CLEAR ANODIZE
-2: SISAL CLEAR ANODIZE
-3: FINE SATIN BLACK ANODIZE
RL6879-XX: PER CUSTOMER
EXAMPLE: RL6879-QCP500 (READING LIGHT WITH POLISHED GOLD PLATING BY QUAKER CITY PLATING)
- ACCEPTANCE TEST PER ATP6879
- 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 37 INCHES FROM READING LIGHT AND 28VDC:
CENTERLINE: 40 FC MINIMUM
7.0 INCH DIAMETER SPOT: 35 FC MINIMUM
14.0 INCH DIAMETER SPOT: 5 FC MINIMUM
18.0 INCH DIAMETER SPOT: 1.5 FC MINIMUM
- COLOR TEMPERATURE OF LED: 6500°K MINIMUM

Ø.093 SPANNER HOLE

3

Ø2.19

1.9375-24 UNS-2B

.41

Ø2.19

NON-GLARE GLASS

-XX

+28VDC, POWER IN

DC GROUND

CONTROL
CIRCUITV= 28VDC
Imx=150mA.
If=137mA

ELECTRICAL SCHEMATIC

(R.125)

GROUND MARKED "-"

CENTER +28VDC CONTACT
MARKED "+"

Ø1.51

(36° SPHER.
ADJ.)

LENS HOLDER

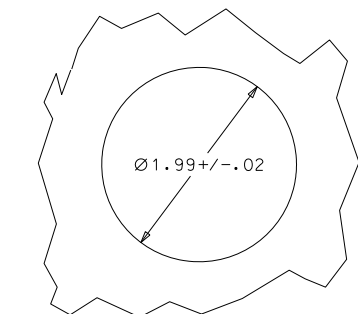
.050

.45

.75±.05

1.76±.04

2X#6-32 TERMINAL SCREW



RECOMMENDED MOUNTING HOLE
MAXIMUM PANEL THICKNESS: .10

1		LM3650-8	LED LAMP MODULE	ALUMINUM ALLOY/THERMOPLASTIC/BRASS	4
1		TG9000-1	TERMINAL GUARD	SILICONE RUBBER	3
1		MN8008-2	MOUNTING NUT	ALUMINUM ALLOY	2
1		6879-XX	READING LIGHT	ALUMINUM ALLOY	1
-XX	CAGE CODE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION	ITEM NO.
QTY REQD					

PARTS LIST

CONTRACT NO.		BIRK AEROSYSTEMS CORPORATION GARDEN GROVE, CALIFORNIA 92843	
APPROVALS		DATE	
DRAWN	BLB	03-10-23	
CHECKED	DKS	03-10-23	
ENGR	BLB	03-10-23	
ISSUED	CLB	03-10-23	
FILE NO.	RL6879/PV	SCALE	1/1
NEXT ASSY		USED ON	
APPLICATION		FILE NO.	RL6879/PV
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ±1/32 .XX ±.03 ±1/2° XXX ±.010 ±1/2°		DO NOT SCALE DRAWING	
MATERIAL		SEE PL	
FINISH		SEE NOTE(S)	
TREATMENT			
CONTRACT NO.		TITLE	
		READING LIGHT, LED TYPE	
		SIZE	CAGE CODE
		C 1XE65	RL6879
		REV.	E
		SHEET	1 OF 1

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BAC BIRK AEROSYSTEMS CORP. GARDEN GROVE, CA.			DOCUMENT CHANGE NOTICE			☐ ADCN ☒ DCN NO. 5935			
Document Title: READING LIGHT, LED TYPE			Document. No.: RL6879			Rev. Letter: E		Release Date: 12-08-21	
REASON			DATE						
SUPPLIER REQUEST		QUALITY/RELIABILITY	PROJECT#:09041301		Prepared By:		J. BIRK		12-08-21
CUSTOMER REQUEST		DOCUMENT ERROR	DCR #: 0261		Checked By:		C. BIRK		12-08-21
AS NOTED BELOW		NEW RELEASE	LOG #: 5935		IMPACT ANALYSIS REPORT				
PRODUCIBILITY		X DESIGN CHANGE	STATUS R P		AREAS AFFECTED YES NO				
COST REDUCTION		SAFETY	CLASS 1 2 3		MANUFACTURING ☐ ☒				
					SERVICE ☐ ☒				
Description of Change:									
1) SHEET 1, GN7: IS: COLOR TEMPERATURE OF LED: 6500°K MINIMUM WAS: NOMINAL COLOR TEMPERATURE OF LED: 6800°+/- 300 KELVIN									
MFG INTERVENTION POINT			NOTES:						
SER NO. _____ DATE: 12-08-21			ADCN/DCN COMMITTEE APPROVALS						
Y E N S O			EFFECTIVITY REQUIREMENTS FIELD RETROFIT CONTROL						
NEW PARTS			ORGANIZATION				TAG NO. REQD ☐ YES ☒ NO		
VENDOR NOT.			SIGNATURE				TAG NO. _____		
INVENTORY			DATE				☐ MANDATORY		
WIP			Q. A. <i>W.P. Shaker</i> 8-21-12				☐ OPTIONAL		
FIN PROD			ENGINEERING <i>[Signature]</i> 12-18-21				☐ REPLACE ITEM		
OTHER			MATERIAL <i>[Signature]</i> 8-25-21				☐ OTHER _____		
			PRODUCTION <i>[Signature]</i> 8-25-12						
			SALES <i>[Signature]</i> 8-21-2012						