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RELEASED FOR PUBLICATION

2017

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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	4	GTIN NRS ADDED, PIN TXT ADDED	11MAR2019	GCM	MG

NOTES:

- MATERIALS:
HOUSING: GLASS FILLED PBT, HALOGEN FREE FLAME RETARDANT
COLOR : NATURAL
CONTACTS: GOLD PLATED COPPER ALLOY
- PRODUCT COMPLIES WITH RESTRICTION ON HAZARDOUS SUBSTANCES
DIRECTIVE 2011/65/EU
- SCREW TO BE USED - PAN HEAD M3, #4-40, LENGTH 12mm MIN.
RECOMMENDED SCREW TORQUE: 0.4 - 0.6 Nm
- LED RETENTION ON 2 CORNERS WITH DOUBLE SIDED ADHESIVE TAPE.
- MATING CONNECTOR TE PART NO: 353908-4 OR 2-353908-4 OR 6-353908-4
- DIMENSIONS SHOWN ARE IN MATED POSITION WITH LED
- SEE SHEET 3 FOR RECOMMENDED PIN LAYOUT & ADDITIONAL INFORMATION
- ELECTRICAL RATINGS:
- USE WITH A 48V DC CONSTANT VOLTAGE CLASS 2 POWER SUPPLY,
±10% TOLERANCE
- LED FORWARD VOLTAGE HAVE THE FOLLOWING RANGE: 25 - 41VDC.

HOLES FOR M3/4-40 SCREWS

DALI 2 LOGO

REMOVE RELEASE
LINER BEFORE
ASSEMBLING LED

LED CONTACT

Ø 50,0

7,6

7,5 Max

3,0

DETAIL Z

SECTION A-A

DETAIL Z

2316511-1
YYWWD

Ø 3,3
(2x)

MAX OPERATING TEMP : 125°C
TYPICAL OUTPUT VOLTAGE : 36VDC
MAX OUTPUT CURRENT : 350mA

35,0

PRELIMINARY PART
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CONTACT ENGINEERING FOR LAST
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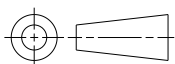
Engineer: SUBHASH.M

PRODUCT DATA SHEET 1-1773935-6
FOR ADDITIONAL INFORMATION

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DIMENSIONS:

mm



TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ±0.2
1 PLC ±0.1
2 PLC ±0.1
3 PLC ±0.1
4 PLC ±0.1
ANGLES ±0.1
FINISH -

MATERIAL
SEE NOTES

DWN 22NOV2017

SUBHASH.M

CHK 22NOV2017

MARCO.Z

APVD 15DEC2017

O.I.FINSE

PRODUCT SPEC

108-133109

APPLICATION SPEC

114-133109

WEIGHT

SEE TABLE

CUSTOMER DRAWING

NAME

LUMAWISE DRIVE TYPE Z50,
DALI VERSION

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

00779

C-2316511

SCALE

2:1

SHEET

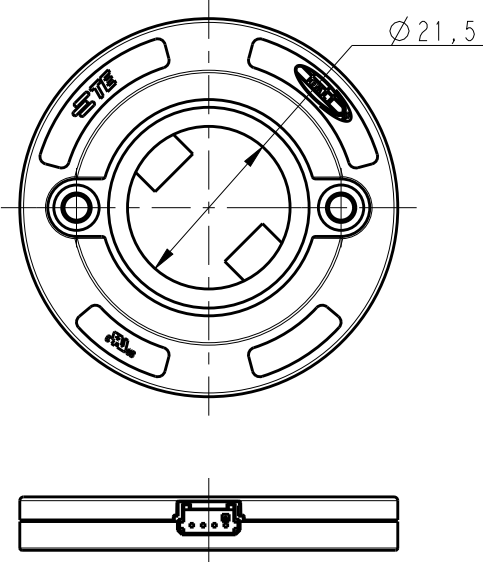
1 OF 4

REV

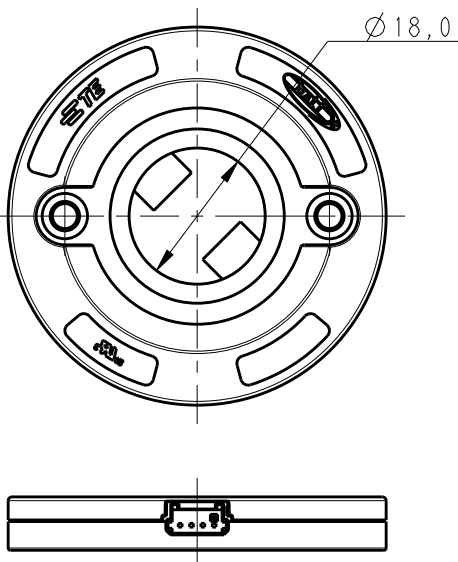
4

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

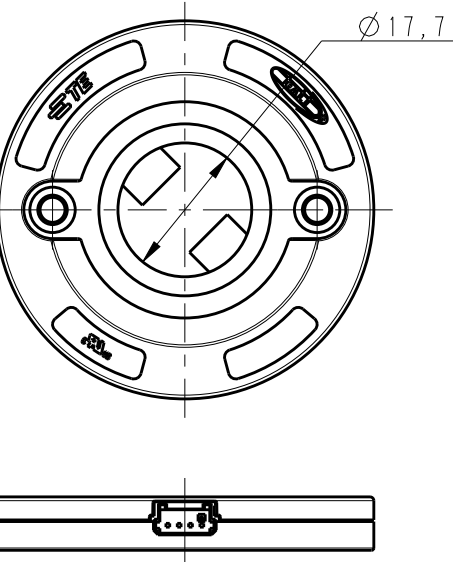
AS SHOWN 2316511-1
SCALE 1:1



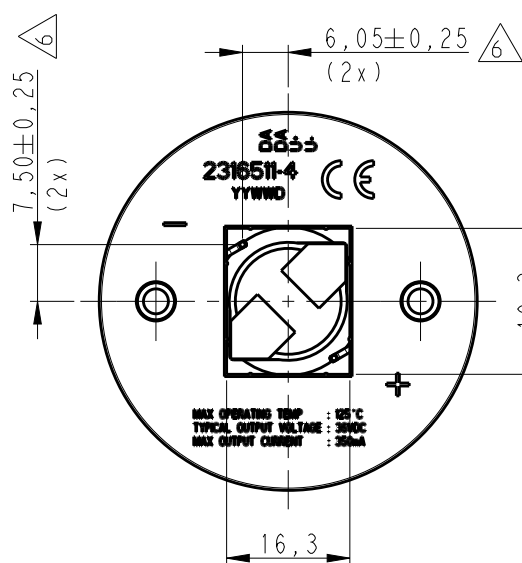
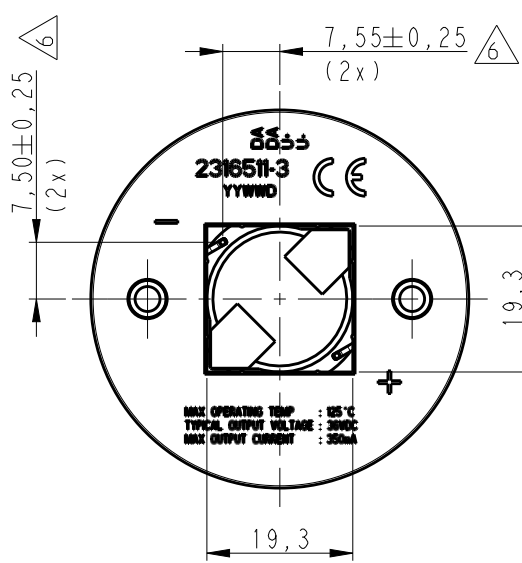
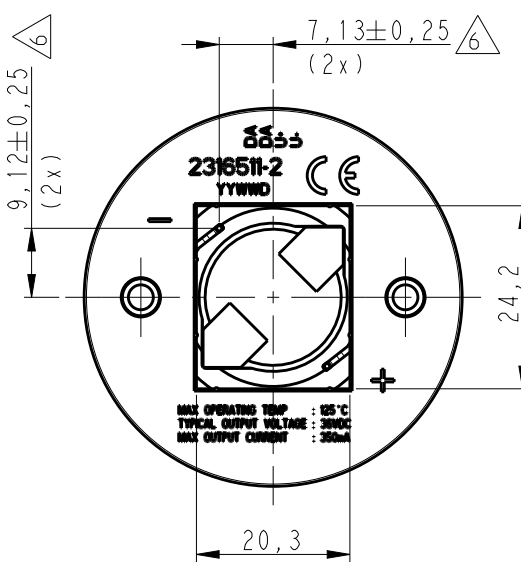
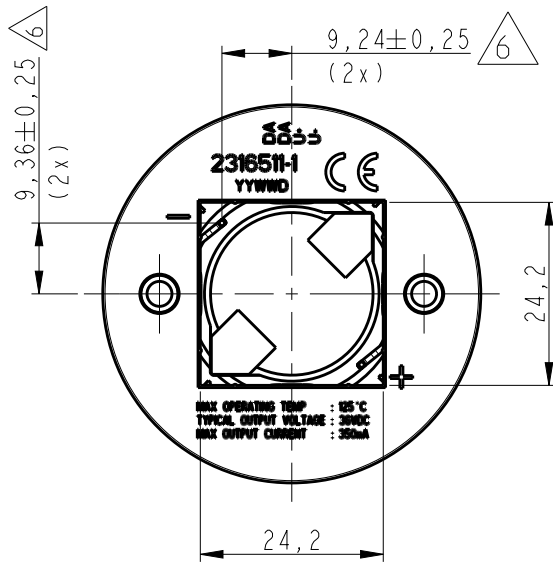
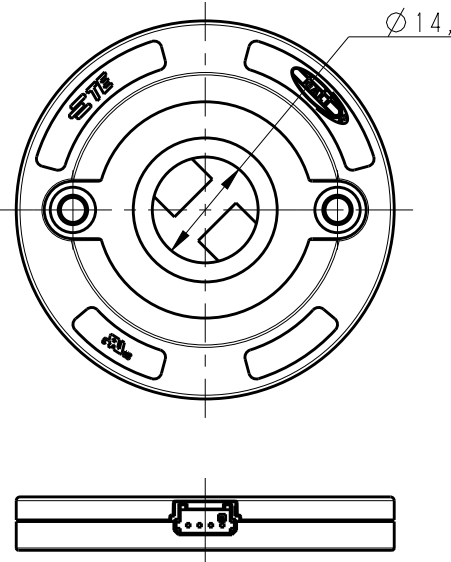
AS SHOWN 2316511-2
SCALE 1:1



AS SHOWN 2316511-3
SCALE 1:1



AS SHOWN 2316511-4
SCALE 1:1



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Engineer: SUBHASH.M

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN SUBHASH.M 22NOV2017	 TE Connectivity		
DIMENSIONS: mm		CHK MARCO.Z 22NOV2017			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD O. LEIJNSE 15DEC2017	NAME LUMAWISE DRIVE TYPE Z50, DALI VERSION		
0 PLC ±0.2 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.1 4 PLC ±0.1 ANGLES ±0.1		PRODUCT SPEC 108-133109	SIZE A3		
MATERIAL SEE NOTES		APPLICATION SPEC 114-133109	CAGE CODE 00779		
FINISH -		WEIGHT SEE TABLE	DRAWING NO C-2316511		
CUSTOMER DRAWING		SCALE 2:1	SHEET 2 OF 4		
			REV 4		

4

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3

2

1

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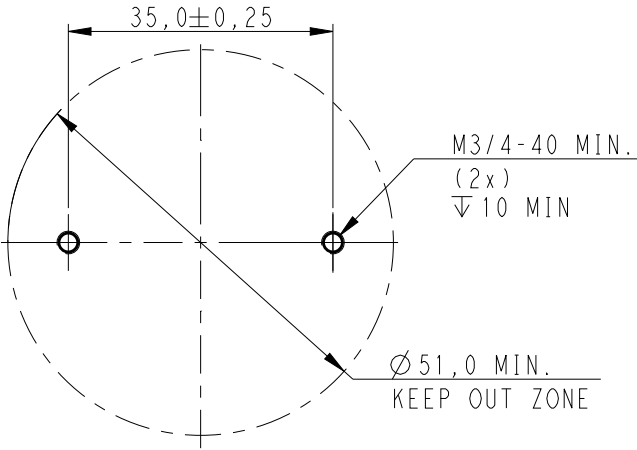
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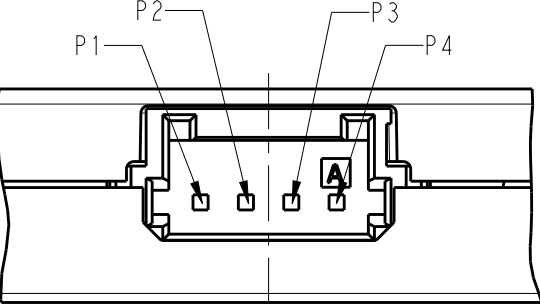
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

RECOMMENDED DRILLING HOLE PATTERN



PIN LAYOUT

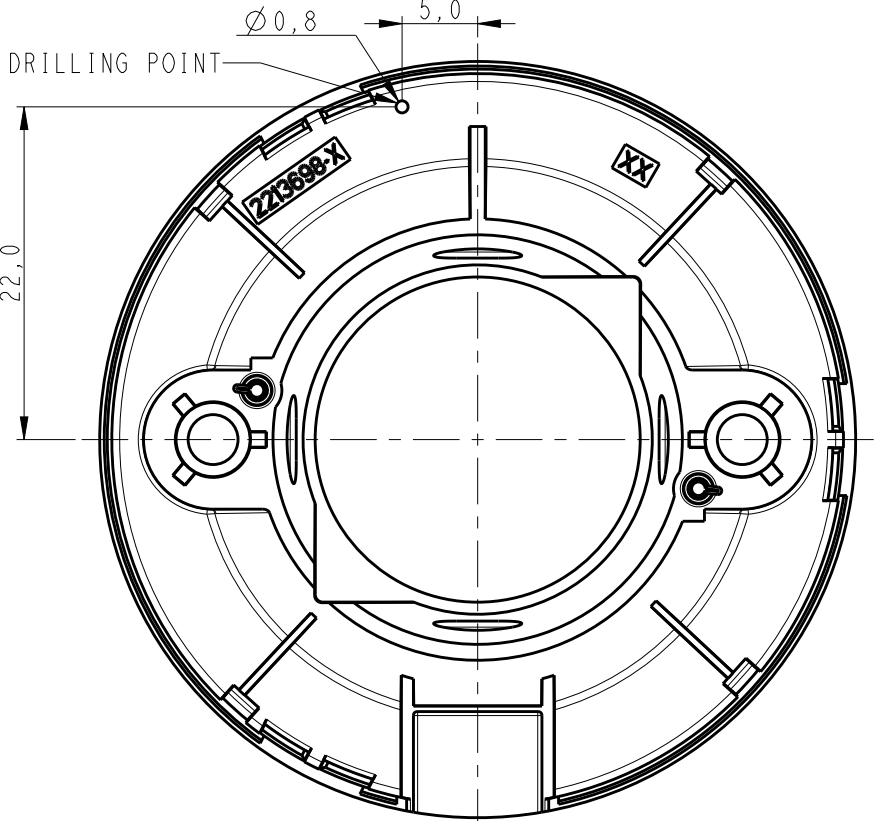
SCALE 4:1



P1	DALI (+)	DA
P2	DALI (-)	DA
P3	48VIN (+)	U+
P4	48VIN (-) GND	U-

DRILLING LOCATION FOR Tc TESTING

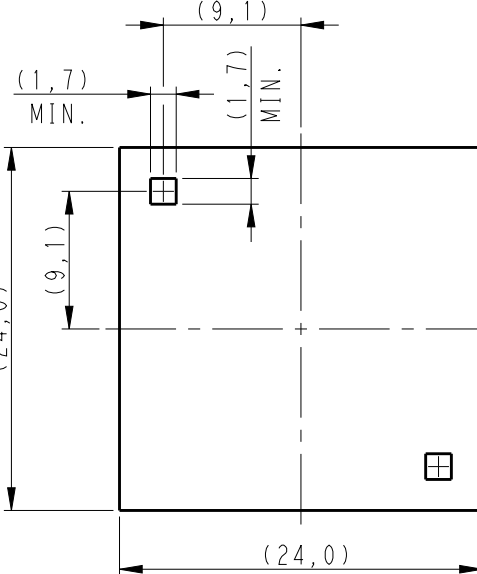
ONLY TOP COVER SHOWN



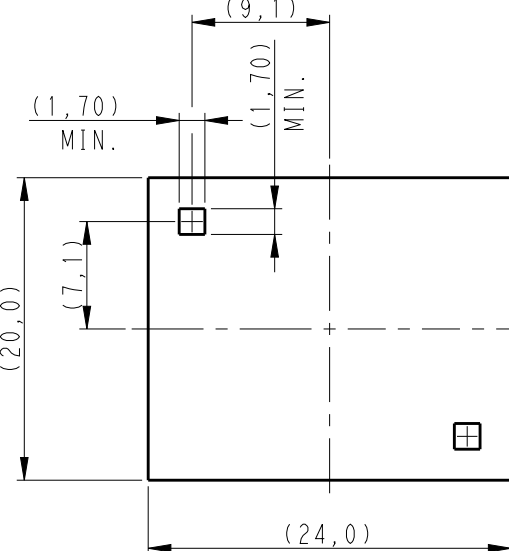
NOMINAL LED INFO:

THE SKETCH BELOW IS SHOWING THE ZHAGA BOOK 12 COB DIMENSIONS TO MATCH WITH THE LUMAWISE DRIVE TYPE Z50 LED HOLDER

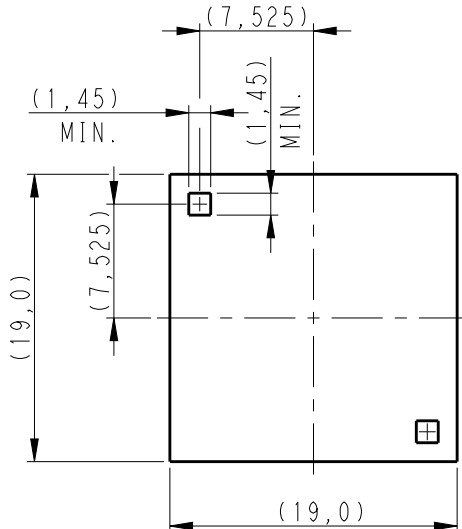
24x24 LAYOUT



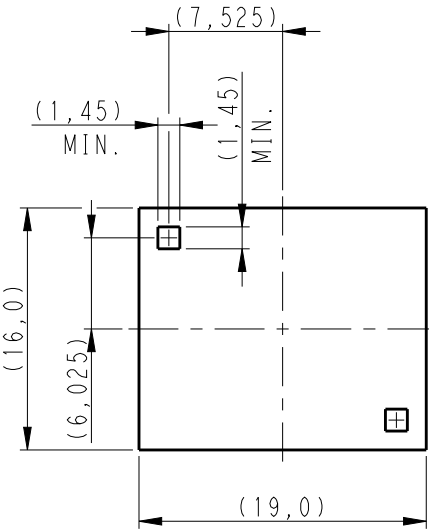
20x24 LAYOUT



19x19 LAYOUT



16x19 LAYOUT



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DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±

1 PLC ±0.2

2 PLC ±0.1

3 PLC ±

4 PLC ±

ANGLES ±

MATERIAL SEE NOTES

FINISH -

DWN SUBHASH.M 22NOV2017

CHK MARCO.Z 22NOV2017

APVD O.I.F.I.N.S.E 15DEC2017

PRODUCT SPEC 108-133109

APPLICATION SPEC 114-133109

WEIGHT SEE TABLE

CUSTOMER DRAWING

TE Connectivity

NAME LUMAWISE DRIVE TYPE Z50, DALI VERSION

SIZE A3

CAGE CODE 00779

DRAWING NO C-2316511

RESTRICTED TO -

SCALE 2:1

SHEET 3 OF 4

REV 4

1470-19 (3/13)

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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

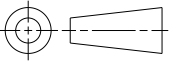
L2C5-xxxx1202E0900; L2C5-xxxx1203E0900 1202s; 120206xCx; 1202CRSP; 1203CRSP	LUMILEDS	16x19
NVCWL024Z; NFCWL060B-V1; NFCLL060B-V1; NFCWL036B-V1M3	NICHIA	
LC040C	SAMSUNG	
BXRH-40E8000-J-23; BXRE-xxxxxxx-x-7x	BRIDGELUX	19x19
PB16H; PB16U; PB19H; PB19U; PB26U;PB26H	LEXTAR	
CLU038-1208C4; CLU721-1206C4; CLU710-1204C1; CLU711-1204C1; CLU034-1205C4; CLU036-1205C1; CLU032-1205A5-303M1A2; CLU720-1206C1; CLL030-1212A1-50KL1A1	CITIZEN	
2PHE20CW27P34001/2PHE30CW27P34001 2PHE20CW38P34001/2PHE30CW38P34002 HM CRI80 Series; HM CRI90 Series SL Series	EDISON OPTO	
EA1919 36V/26W Series	EVERLIGHT	
CHM-11/CXM11; CXM14/CHM14; CLM-14 Gen 3; CXM-11-XH00	LUMINUS	
Soleriq 13 Gen 2 Soleriq 15	OSRAM	
DMS124***G; DMC124/125***F; DMS125/126/128***G; DMC128***F; DMS099***F	PANASONIC	
SDW02F1C; SDWx3F1C	SEOUL	
SLE-G5-LES15 SLE-G5-LES17	TRIDONIC	
LC016/19/26D; LC019D; LC026D	SAMSUNG	
LHC1-3070-1205; L2C5-xxxx-1204 LCHC1-xxxx1204; 1204CRSP; 1205CRSP; 1208CRSP; 1204; 1205; 1208	LUMILEDS	20x24
EAHP2024	EVERLIGHT	
GW6TGBJC50C; GW5DGC**M04	SHARP	
BXRE-xxxxxxx-x-7x	BRIDGELUX	24x24
Soleriq S19 GW KAHLB2.CM	OSRAM	
LED DESCRIPTION	MANUFACTURE NAME	LED TYPE

LEDs COMPATIBILITY

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	4 PLC	±-
MATERIAL SEE NOTES	FINISH	±-
		-

DWN SUBHASH.M	22NOV2017	 TE Connectivity			
CHK MARCO.Z	22NOV2017				
APVD O.L.FIUNSE	15DEC2017				
PRODUCT SPEC 108-133109					
APPLICATION SPEC 114-133109	NAME LUMAWISE DRIVE TYPE Z50, DALI VERSION				
WEIGHT SEE TABLE					
CUSTOMER DRAWING		SIZE A3	CAGE CODE 00779	DRAWING NO C-2316511	RESTRICTED TO -
SCALE 5:1			SHEET 4 OF 4		REV 4