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2017

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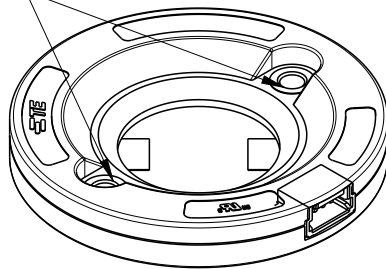
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	4	MODIFIED RELEASED LED INFORMATION	16AUG2017	RK	SM

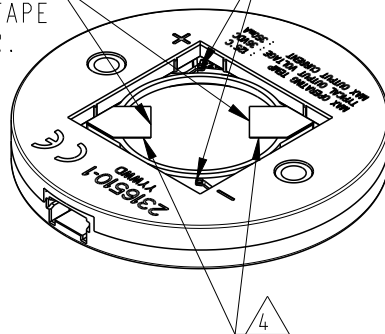
NOTES:

- MATERIALS:
HOUSING: GLASS FILLED PBT, HALOGEN FREE FLAME RETARDANT
COLOR : NATURAL
CONTACTS: GOLD PLATED COPPER ALLOY
- COMPLIES WITH DIRECTIVE 2002/95/EC (ROHS)
- SCREW TO BE USED - PAN HEAD M3, #4-40, LENGTH 12mm MAX.
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 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, $\pm 10\%$ TOLERANCE
 - LED FORWARD VOLTAGE HAVE THE FOLLOWING RANGE: 21 - 41VDC

M3 SCREW HOLES

BEFORE PLACING
LED, REMOVE TAPE
RELEASE LINER.

LED CONTACT

INSERT PROVISION
FOR LOGO'S

A

A

 $\varnothing 50,0 \pm 0,1$

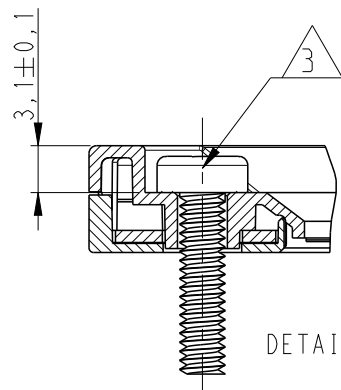
SECTION A-A

7.0 Max

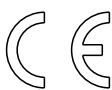
DETAIL Z

PRELIMINARY PART
NOT RELEASED FOR PRODUCTIONCONTACT ENGINEERING FOR LAST
REVISION BEFORE USING THIS DRAWING

Engineer: P.PETER



DETAIL Z

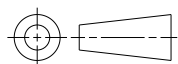
2316510-1
YYWWD $\varnothing 21,5 \pm 0,1$ $\varnothing 3,3 \pm 0,1$
 $\varnothing 0,1$ B
(2x)MAX OPERATING TEMP : 125°C
TYPICAL OUTPUT VOLTAGE : 36VDC
MAX OUTPUT CURRENT : 350mA

35,0

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DIMENSIONS:

mm

MATERIAL
SEE NOTESTOLERANCES UNLESS
OTHERWISE SPECIFIED:0 PLC $\pm 0,1$
1 PLC $\pm 0,1$
2 PLC $\pm 0,05$
3 PLC $\pm 0,1$
4 PLC $\pm 0,1$
ANGLES $\pm 0,1$
FINISH

DWN

07MAR2017

CHK

RAGHAVENDRA.K

APVD

P.PETER

07MAR2017

O.L.FIUNSE

PRODUCT SPEC

108-133086

APPLICATION SPEC

114-133086

WEIGHT

-

CUSTOMER DRAWING

NAME

LUMAWISE DRIVE TYPE Z50
0-10 V VERSION

SIZE

A3

CAGE CODE

00779

DRAWING NO

C-2316510

SCALE

2:1

SHEET

1 OF 4

REV

4

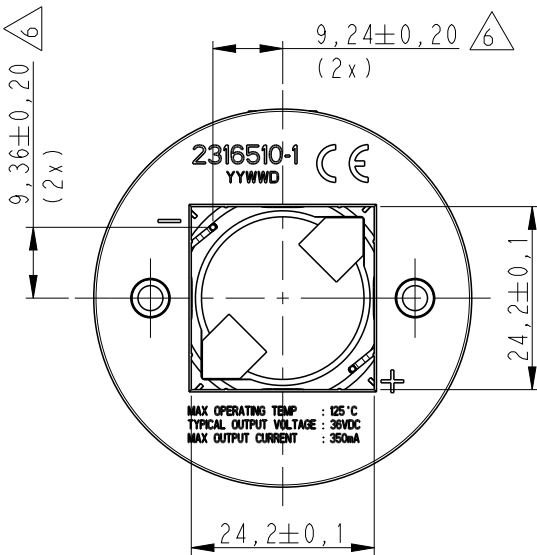
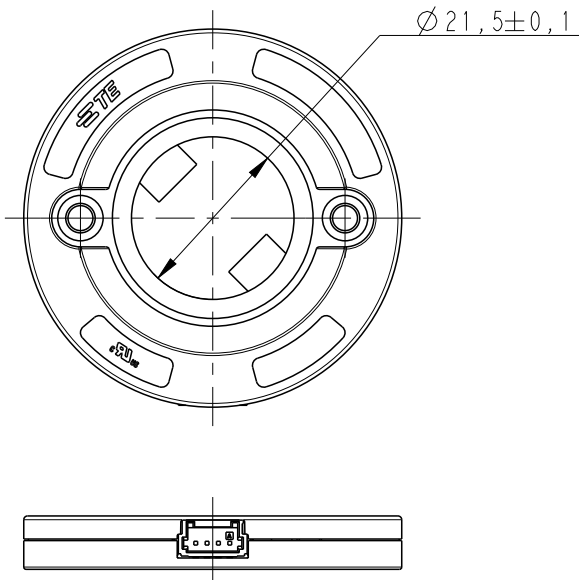
CURRENT (mA)	LED TYPE	DESCRIPTION	PART NO
--------------	----------	-------------	---------

1050	16 x 19	0-10 V, 1.05A, 16x19	3-2316510-4
	19 x 19	0-10 V, 1.05A, 19x19	3-2316510-3
	20 x 24	0-10 V, 1.05A, 20x24	3-2316510-2
	24 x 24	0-10 V, 1.05A, 24x24	3-2316510-1
700	16 x 19	0-10 V, 0.7A, 16x19	2-2316510-4
	19 x 19	0-10 V, 0.7A, 19x19	2-2316510-3
	20 x 24	0-10 V, 0.7A, 20x24	2-2316510-2
	24 x 24	0-10 V, 0.7A, 24x24	2-2316510-1
500	16 x 19	0-10 V, 0.5A, 16x19	1-2316510-4
	19 x 19	0-10 V, 0.5A, 19x19	1-2316510-3
	20 x 24	0-10 V, 0.5A, 20x24	1-2316510-2
	24 x 24	0-10 V, 0.5A, 24x24	1-2316510-1
350	16 x 19	0-10 V, 0.35A, 16x19	2316510-4
	19 x 19	0-10 V, 0.35A, 19x19	2316510-3
	20 x 24	0-10 V, 0.35A, 20x24	2316510-2
	24 x 24	0-10 V, 0.35A, 24x24	2316510-1

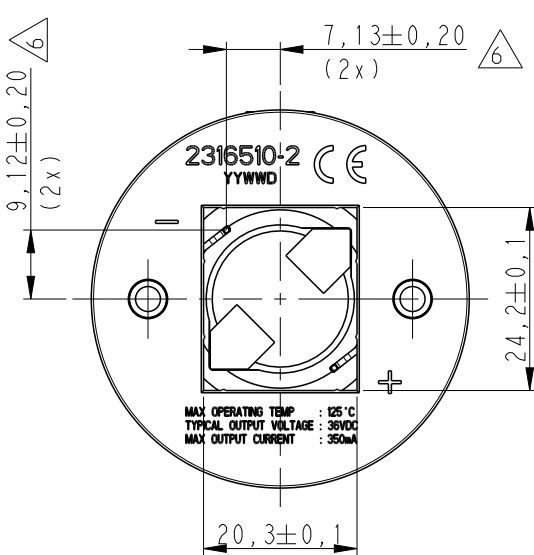
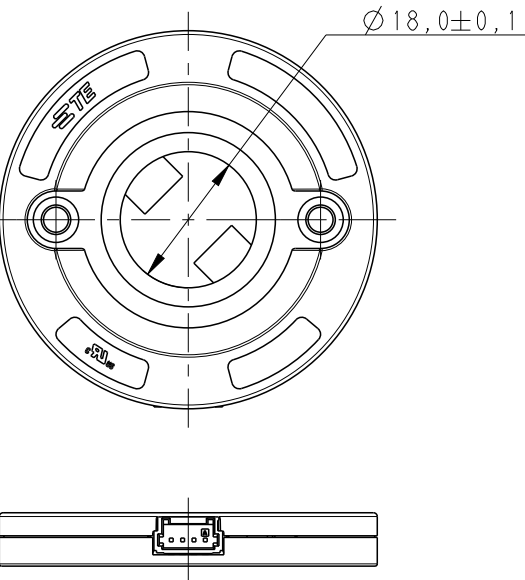
REVISIONS

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

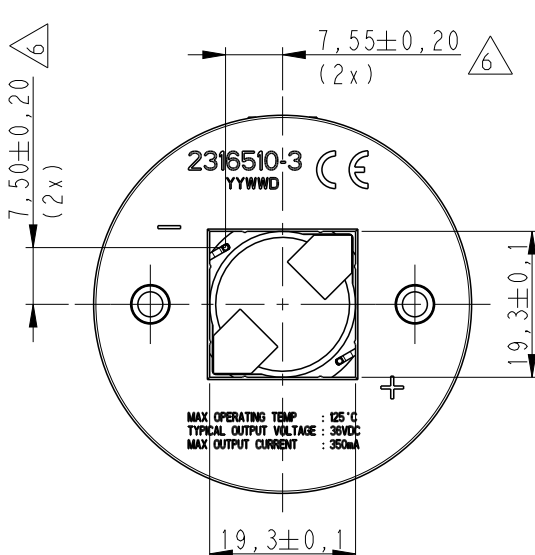
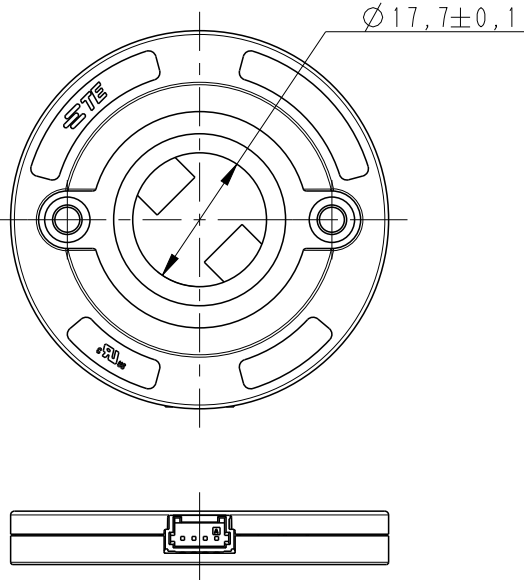
AS SHOWN 2316510-1
SCALE 1:1



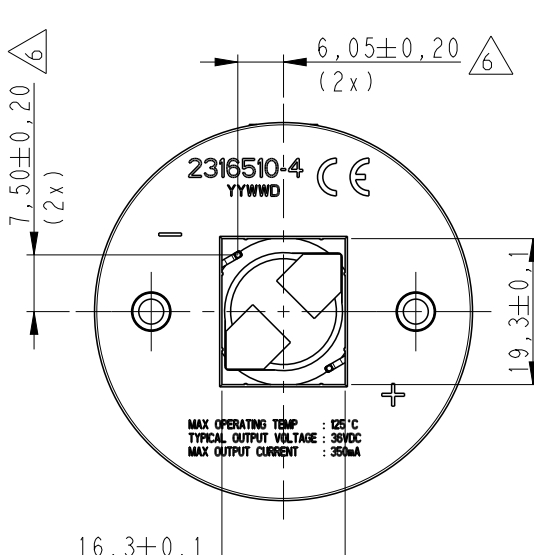
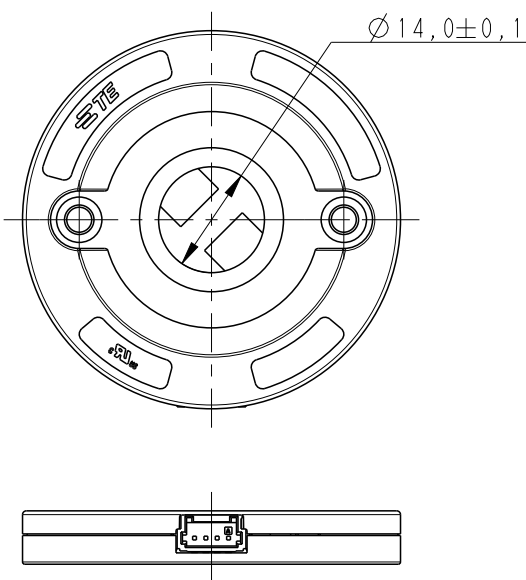
AS SHOWN 2316510-2
SCALE 1:1



AS SHOWN 2316510-3
SCALE 1:1



AS SHOWN 2316510-4
SCALE 1:1



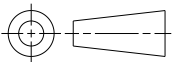
**PRELIMINARY PART
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Engineer: P.PETER

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DIMENSIONS:
mm



MATERIAL
SEE NOTES

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ±
1 PLC ±0.1
2 PLC ±0.05
3 PLC ±
4 PLC ±
ANGLES ±
FINISH -
-

DWN 07MAR2017
RAGHAVENDRA.K

CHK 07MAR2017
P.PETER

APVD 07MAR2017
O.LFIJNSE

PRODUCT SPEC
108-133086

APPLICATION SPEC
114-133086

WEIGHT -

CUSTOMER DRAWING



TE Connectivity

NAME
LUMAWISE DRIVE TYPE Z50
0-10 V VERSION

SIZE CAGE CODE DRAWING NO

A3 00779 C-2316510

RESTRICTED TO

-

SCALE 3:2

SHEET 2 OF 4

REV 4

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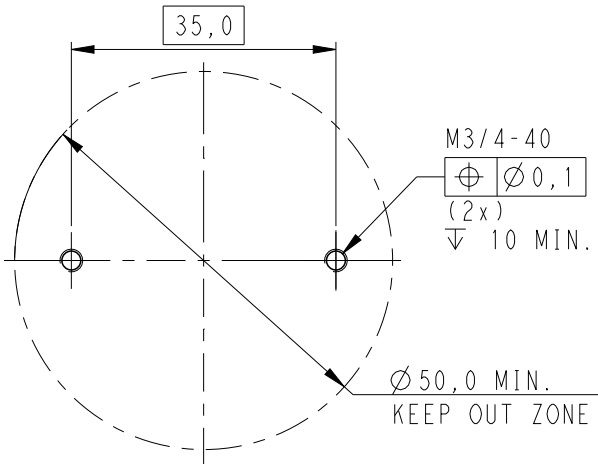
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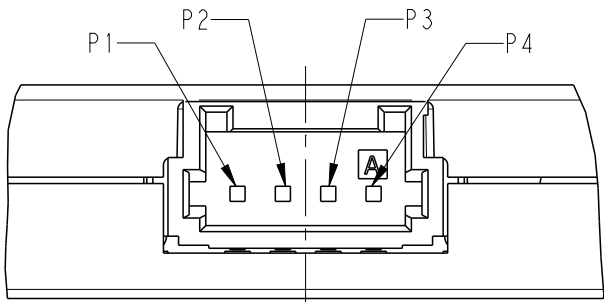
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

RECOMMENDED DRILLING HOLE PATTERN



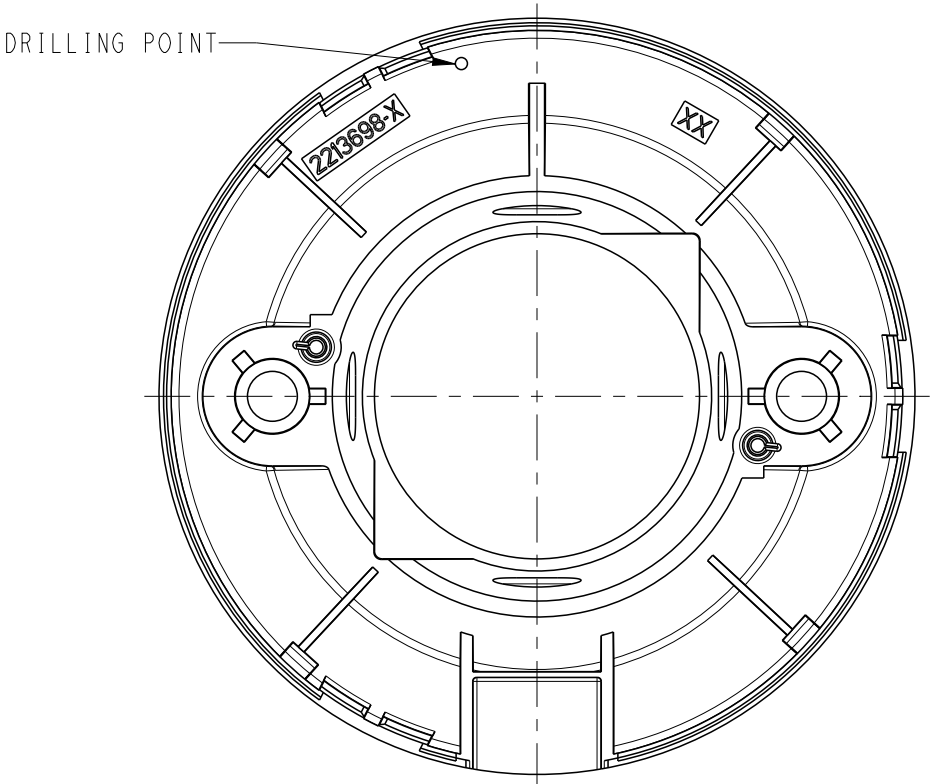
PIN LAYOUT

SCALE 4:1



P1	DIM (+)
P2	DIM (-)
P3	48VIN (+)
P4	48VIN (-) GND

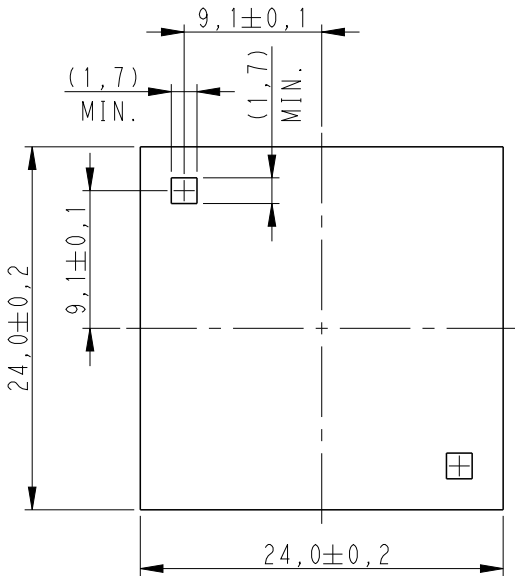
DRILLING LOCATION FOR Tc TESTING
ONLY TOP COVER SHOWN



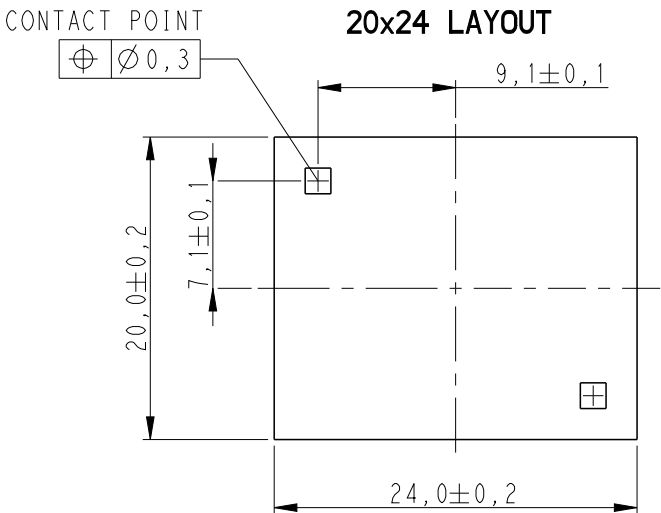
NOMINAL LED INFO:

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

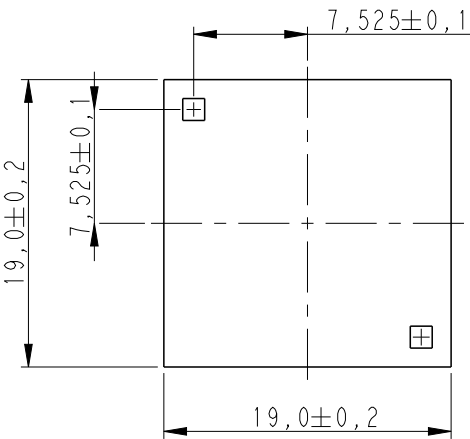
24x24 LAYOUT



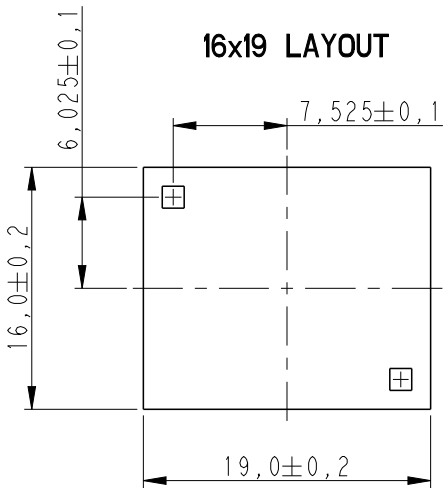
20x24 LAYOUT



19x19 LAYOUT



16x19 LAYOUT



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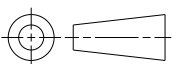
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DIMENSIONS:

mm



MATERIAL
SEE NOTES

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC	±-
1 PLC	±0.1
2 PLC	±0.05
3 PLC	±-
4 PLC	±-
ANGLES	±-
FINISH	-
	-

DWN 07MAR2017

RAGHAVENDRA.K

CHK 07MAR2017

P.PETER

APVD 07MAR2017

O.LFIJNSE

PRODUCT SPEC

108-133086

APPLICATION SPEC

114-133086

WEIGHT

-

CUSTOMER DRAWING



TE Connectivity

NAME
LUMAWISE DRIVE TYPE Z50
0-10 V VERSION

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-2316510	-

SCALE	2:1	SHEET	3 OF 4	REV	4
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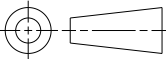
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

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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	20x24
LHC1-3070-1205; L2C5-xxxx-1204 LCHC1-xxxx1204; 1204CRSP; 1205CRSP; 1208CRSP; 1204; 1205; 1208	LUMILEDS	
EAHP2024	EVERLIGHT	
GW6TGBJC50C; GW5DGC**M04	SHARP	24x24
BXRE-xxxxxxx-x-7x	BRIDGELUX	
Soleriq S19 GW KAHLB2.CM	OSRAM	
LED DESCRIPTION	MANUFACTURE NAME	LED TYPE
LEDs COMPATIBILITY		

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		CHK 07MAR2017 P.PETER				
		APVD 07MAR2017 O.LFIJNSE				
		PRODUCT SPEC 108-133086				
		APPLICATION SPEC 114-133086	NAME LUMAWISE DRIVE TYPE Z50 0-10 V VERSION			
		WEIGHT -	SIZE A3	CAGE CODE 00779	DRAWING NO C-2316510	RESTRICTED TO -
CUSTOMER DRAWING		SCALE 2:1	SHEET 4	OF 4	REV 4	

DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:
	0 PLC ±- 1 PLC ±0.1 2 PLC ±0.05 3 PLC ±- 4 PLC ±- ANGLES ±-
MATERIAL SEE NOTES	FINISH - -