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RELEASED FOR PUBLICATION

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

SECTION A-A

DETAIL Z

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

Engineer: P.PETER

DETAIL Z

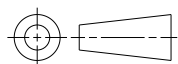
2316510-1
YYWWD $\varnothing 21,5 \pm 0,1$ $\varnothing 3,3 \pm 0,1$
 $\varnothing 0,1$ B
(2x)MAX OPERATING TEMP : 125°C
TYPICAL OUTPUT VOLTAGE : 36VDC
MAX OUTPUT CURRENT : 350mA

35,0

THIS DRAWING IS A CONTROLLED DOCUMENT.

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

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

00779

C-2316510

SCALE

2:1

SHEET

1 OF 4

REV

4

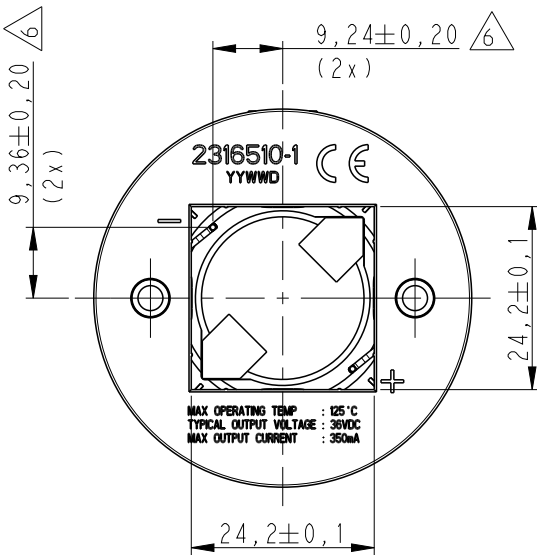
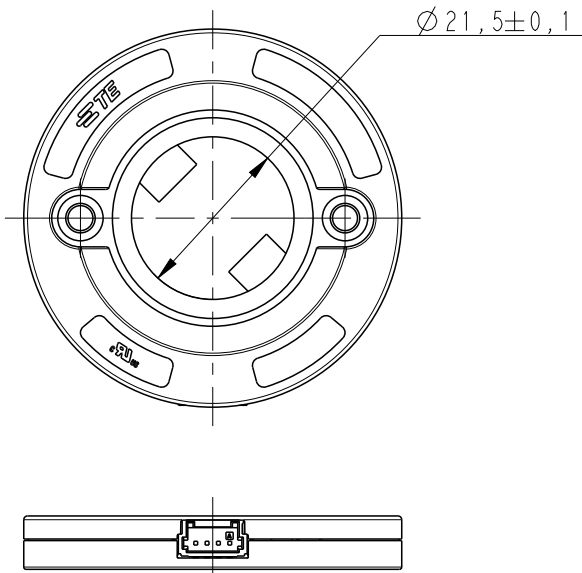
CURRENT (mA)	LED TYPE	DESCRIPTION	PART NO
--------------	----------	-------------	---------

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

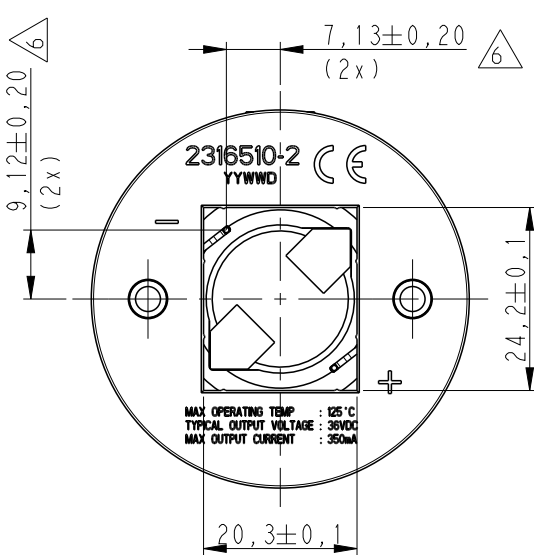
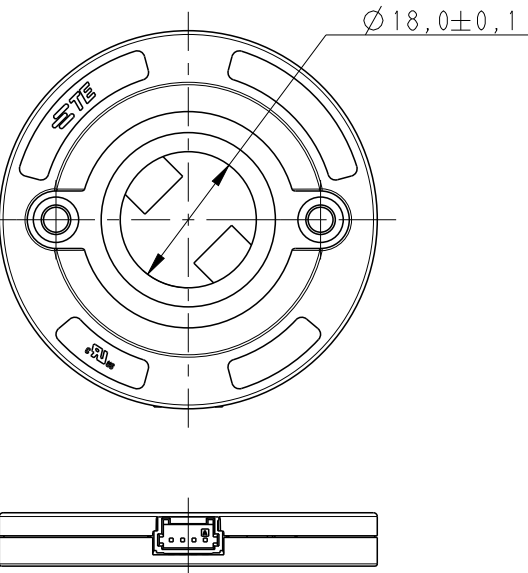
REVISIONS

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

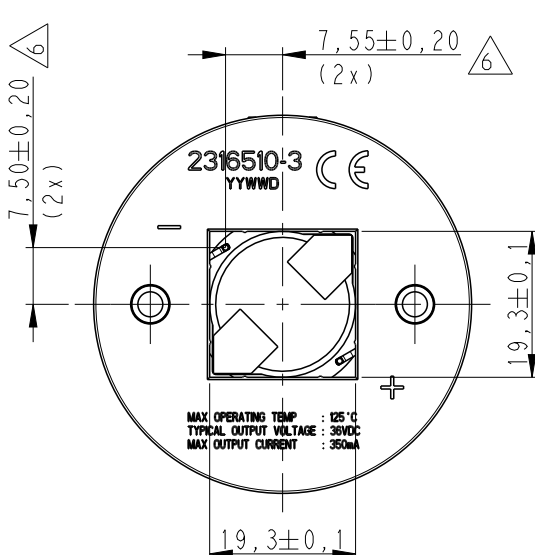
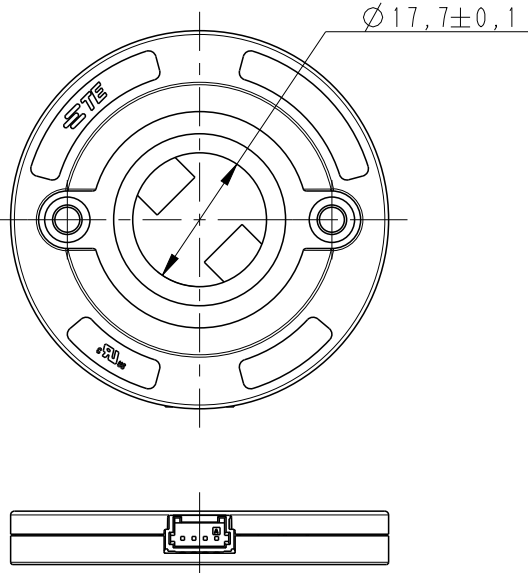
AS SHOWN 2316510-1
SCALE 1:1



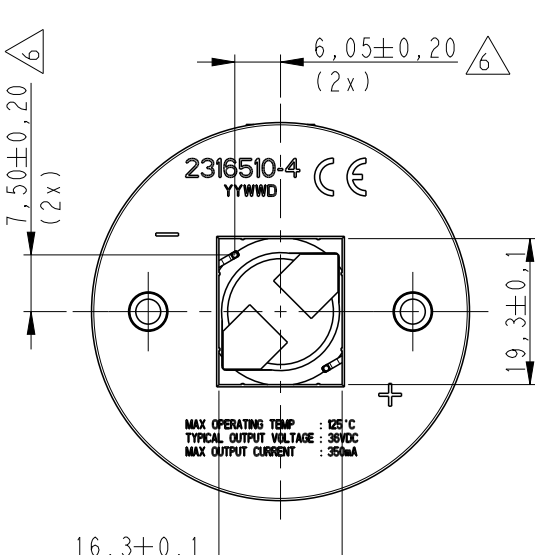
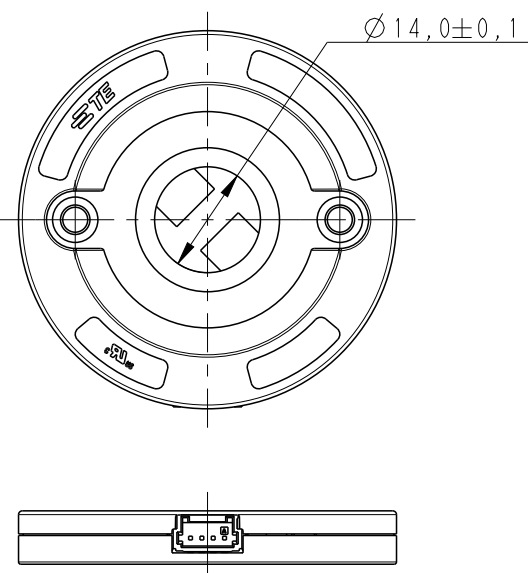
AS SHOWN 2316510-2
SCALE 1:1



AS SHOWN 2316510-3
SCALE 1:1



AS SHOWN 2316510-4
SCALE 1:1



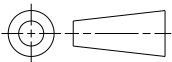
**PRELIMINARY PART
NOT RELEASED FOR PRODUCTION**

**CONTACT ENGINEERING FOR LAST
REVISION BEFORE USING THIS DRAWING**

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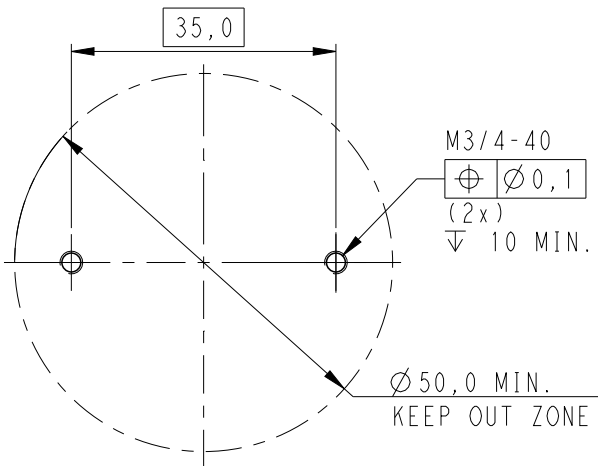
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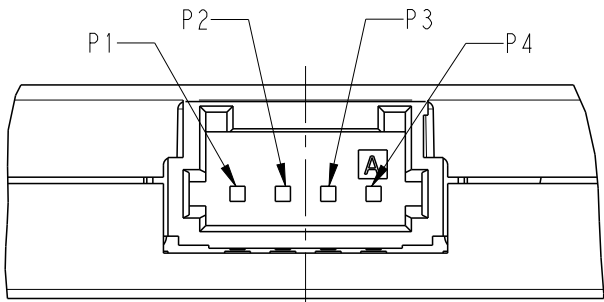
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

RECOMMENDED DRILLING HOLE PATTERN



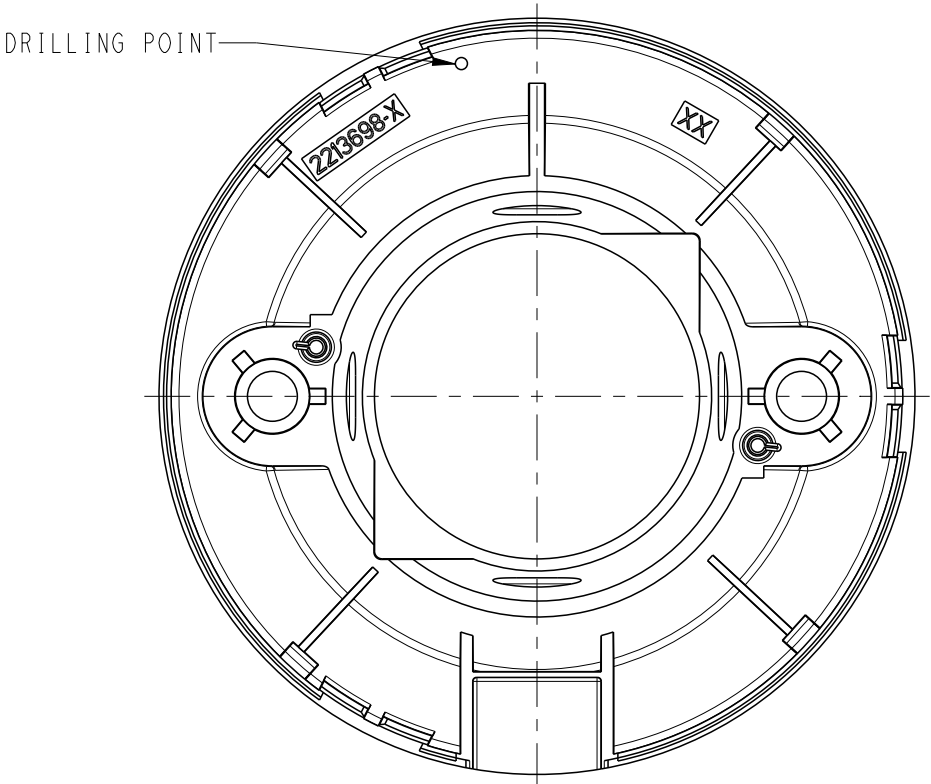
PIN LAYOUT

SCALE 4:1



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

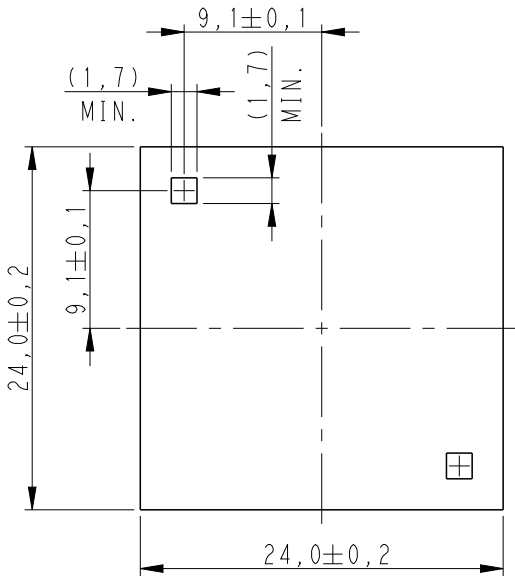
DRILLING LOCATION FOR Tc TESTING
ONLY TOP COVER SHOWN



NOMINAL LED INFO:

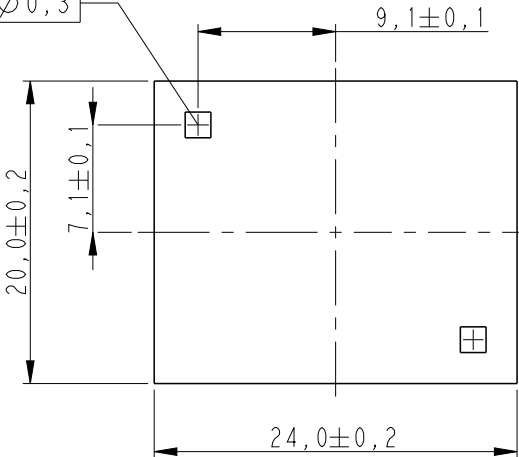
THE SKETCH BELOW IS SHOWING THE ZHAGA BOOK 12 COB DIMENSIONS TO MATCH WITH THE LUMAWISE DRIVE TYPE Z50 LED HOLDER

24x24 LAYOUT

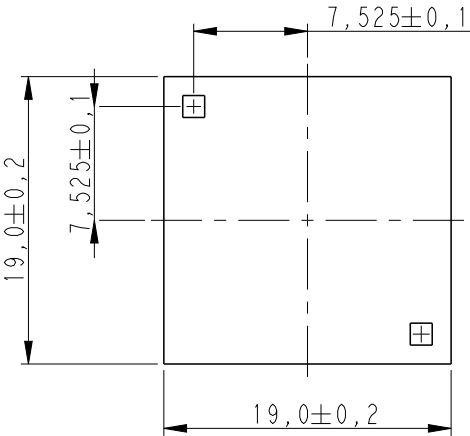


CONTACT POINT

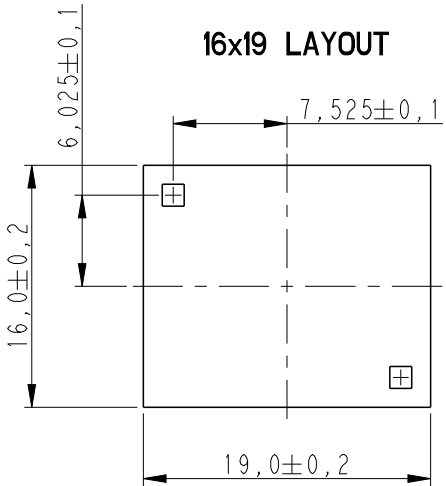
20x24 LAYOUT



19x19 LAYOUT



16x19 LAYOUT



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Engineer: P.PETER

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

DWN	07MAR2017
CHK	RAGHAVENDRA.K
APVD	07MAR2017
PRODUCT SPEC	P.PETER
APPLICATION SPEC	O.LFIJNSE
WEIGHT	108-133086
	114-133086
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		

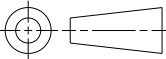
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

**PRELIMINARY PART
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Engineer: P.PETER

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		

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 07MAR2017 RAGHAVENDRA.K	TE Connectivity			
		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	±-	
MATERIAL SEE NOTES		FINISH	±-
			-