



REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
P1	For Review	3/1/15	PH
P2	Increased Laser to Diffuser seperation to 1.70mm, Increased aperture on diffuser holder	3/3/15	PH
P3	Updated to latest release of both boards	5/5/15	PH
P4	Added Parts List, ID'ed interferences	5/7/15	PH
P5	Corrected Lens mount position, Updaed BOM, Changed fastener type to JIS	5/8/15	PH
01	Released	5/12/15	JE

ITEM	QTY	PART NUMBER	DESCRIPTION
39	1	LCA00-TISbxLS-1D	Lens, M10
16	1	OPT8241-CDK-EVM SB REV2P0	Imager Board
15	1	OPT8241-CDK-EVM IB 10-50_REV2P0	Illumination Board
14	4	OPD-0009	Filter, 4 x 4 x 2
13	4	JIS B 1181 - A/B M3	Hexagon Thin Nut - double chamfered
12	1	JIS B 1181 - A/B M2	Hexagon Thin Nut - double chamfered
11	2	JIS B 1181 - A/B M1.6	Hexagon Thin Nut - double chamfered
10	2	JIS B 1176 - M3 x 8	Cylinder Head Cap Screw
9	4	JIS B 1176 - M3 x 16	Cylinder Head Cap Screw
8	1	JIS B 1176 - M2 x 10	Cylinder Head Cap Screw
7	2	JIS B 1176 - M1.6 x 12	Cylinder Head Cap Screw
6	1	FAB-0022	Board Mount Block
5	1	FAB-0021	Lens Holder, M10 x P.30
4	1	FAB-0020	Retainer, Diffuser Mount
3	4	FAB-0019	Diffuser Holder, Square
2	4	93657A213	Spacer, M3 x 10, Nylon
1	4	22045498	Laser Diode, JDSU

DRAWN BY Hammond		DATE 2/23/2015		<i>D3 Engineering</i> Rochester, NY		
CHECKED O'Brien		DATE 5/8/2015				
APPROVED Enslin		DATE 5/12/2015		PRODUCT NAME  CDK		
				PART NAME Assembly, CDK-Illumination		
SCALE		SHEET No. 1 OF 1		DWG SIZE D	PART NO. 15345	REV 01
UNLESS OTHERWISE STATED DIMENSIONS ARE IN MM						

Plot Date: 5/12/2015