

LCLS and LCLS-II Magnet Drawings

LCLS-II Magnet Drawings

[Preliminary Rack Profiles](#)

LCLS Magnet Drawings

To get a complete list of the LCLS Magent drawings go to the [SLAC Drawings](#) Database and enter Series "384" for Magnets. To access released ELP's use Prefix "SR" and Series "384".

Layout	
Drawing No	Title
LO-380-703-10	LCLS S20 Preliminary Layout

Rack Profiles	
Drawing No	Title
PR-384-001-01	LCLS S20 Electrical PS Rack Profiles
PR-384-024-00	LCLS S24 Mag PS Rack Profiles
PR-384-041-00	LCLS B005 Mag PS Rack Profiles
PR-384-042-00	LCLS B911 Mag PS Rack Profiles
PR-384-043-00	LCLS B912 Mag PS Rack Profiles
PR-384-051-00	LCLS B913 Mag PS Rack Profiles
PR-384-052-00	LCLS B921 Mag PS Rack Profiles

Electrical Installation Drawings	
Drawing No	Title
EI-384-001-10	LCLS S20 ELEC PS BEND BXH1,BXH2,BXH3,BXH4
EI-384-001-11	LCLS S20 ELEC PS BX02,02
EI-384-001-20	LCLS S20 ELEC PS Solenoid SOL2
EI-384-001-21	LCLS S20 ELEC PS Solenoid SOL1
EI-384-001-22	LCLS S20 ELEC PS Bend BSX
EI-384-001-51	LCLS S20 MAG PS SYS CTRL & INTLK
EI-384-001-60	LCLS ELEC PS SGL & SER CONN
EI-384-001-61	LCLS PS SGL & SER CONN W/MPS
EI-384-024-01	LCLS S24 MAG PS SYS CTRL & INTLK
EI-384-024-20	LCLS S24 LCLS IGBT RESONANT SLOW KICKER BXKIK
EI-384-024-30	LCLS S24 MAG PS SYS Q24901 A/B
EI-384-024-31	LCLS S24 MAG PS SYS Q24701 A/B
EI-384-024-32	LCLS S24 MAG PS SYS Q24601
EI-384-024-40	LCLS S24 MAG PS BX21,22,23,24
EI-384-024-50	LCLS S24 MAG PS SYS QM22
EI-384-024-51	LCLS S24 MAG PS SYS QM21
EI-384-031-20	LCLS B005 MAG PS SYS QA0

EI-384-031-21	LCLS B005 MAG PS SYS 06
EI-384-031-22	LCLS B005 MAG PS SYS Q5
EI-384-041-10	LCLS B005 IGBT RESONANT SLOW KICKER BYKIK
EI-236-224-02	A-LINE PULSED MAGNET PM1
EI-384-041-30	LCLS B005 MAG PS SYS QVM4
EI-384-041-31	LCLS B005 MAG PS SYS QVM3
EI-384-041-40	LCLS B005 MAG PS SYS QVM2
EI-384-041-41	LCLS B005 MAG PS SYS QVM1
EI-384-041-42	LCLS B005 MAG PS SYS QVB1-QVB3
EI-384-042-10	LCLS B911 MAG PS SYS QEM1-4
EI-384-042-20	LCLS B911 LTU PS QT12,22,32,42
EI-384-042-21	LCLS B911 LTU MAG PS SYS QT11
EI-384-042-30	LCLS B911 LTU MAG PS SYS QDL31
EI-384-042-40	LCLS MAG PS BX31-36,BYD1-3
EI-384-043-10	LCLS B912 MAG PS SYS QUM1-4
EI-384-052-31	LCLS B921 MAG PS SYS QDMP1
EI-384-052-40	LCLS B921 DUMP PS SYS QUE1
EI-384-052-41	LCLS B921 MAG PS SYS QUE2
EI-384-101-30	LCLS S20 MCOR MAG PS LKG-03
EI-384-101-40	LCLS S20 MCOR MAG PS LKG-04
EI-384-101-50	LCLS MCOR PS COR QD SOL&TRIM
EI-384-121-01	LCLS S21 MCOR MAG PS KA21
EI-384-122-01	LCLS S22 MCOR MAG PS KA22
EI-384-123-01	LCLS S23 MCOR MAG PS KA23
EI-384-124-01	LCLS S24 MCOR MAG PS KA24
EI-384-124-60	LCLS S24 MAG PS SYS L124-720
EI-384-125-01	LCLS S25 MCOR MAG PS KA25
EI-384-126-01	LCLS S26 MCOR MAG PS KA26
EI-384-127-01	LCLS S27 MCOR MAG PS KA27
EI-384-128-01	LCLS S28 MCOR MAG PS KA28
EI-384-129-01	LCLS S29 MCOR MAG PS KA29
EI-384-130-01	LCLS S30 MCOR MAG PS KA30
EI-384-131-60	LCLS B5 MCOR MAG PS
EI-384-141-20	LCLS B912 MCOR MAG PS SYS LTU2
EI-384-141-40	LCLS B911 LTU1 MAG PS YCDL1
EI-384-141-61	LCLS B005 MCOR MAG PS YCVM1
EI-384-151-10	LCLS B913 MCOR MAG PS QU01
EI-384-151-20	LCLS B913 UND MCOR MAG PS QU1
EI-384-152-10	LCLS B921 UND MCOR MAG PS QU19
EI-384-152-20	LCLS B921 UND MCOR MAG PS QU31
EI-384-152-21	LCLS B921 MCOR MAG PS YCUE1

EI 384-001-44	LCLS Sec 20 VME-ENET INTFC
EI 384-521-00	LCLS Sec 24 VME-ENET INTFC
EI 384-531-00	LCLS B005 VME-ENET INTFC
EI 384-541-00	LCLS Sec B911 VME-ENET INTFC
EI 384-541-01	LCLS B912 VME-ENET INTFC
EI 384-541-02	LCLS B913 VME-ENET INTFC
EI 384-551-00	LCLS B921 VME-ENET INTFC

Cable List	
Drawing No	Title
CA-380-201-28	LCLS MCOR PS Interface Cable
CA-384-001-53	LCLS DIGI Terminal Server to MVME6100 Serial Port Cable
CA-384-001-42	LCLS IP Carrier VME Interface Cable
CA-384-001-48	LCLS VME to MCOR Interface Cable
CA-384-001-49	LCLS VME VSAM MCOR Interface Cable
CA-384-101-00	DIGI to GeneSys PS Serial Cable