

PANEL LPP MAIN : 60AT, 100AF, 3P, 230V, 60HZ MCCB										MOUNTING : SURFACE MOUNT LOCATION : GRID 4-B				
CKT. No.	LOAD DESCRIPTION	NO. OF OUTLET	VOLT	VA PER CIRCUIT	PHASE	AMPERE RATING				CB RATING			NUMBER & SIZE OF WIRE	SIZE OF CONDUIT
						ØAB	ØBC	ØCA	3Ø	AT	AF	P		
1	200W (MAX) LED HIGH BAY LIGHT	6	230	1200	1	5.22				20	100	2	2 - 3.5mm² THHN/THWN-2 CU WIRE + 1 - 3.5mm² THHN/THWN-2 CU WIRE (G)	15mmØ EMT
2	SCORE BOARD	1	230	500	1	2.17				20	100	2	2 - 3.5mm² THHN/THWN-2 CU WIRE + 1 - 3.5mm² THHN/THWN-2 CU WIRE (G)	15mmØ EMT
3	200W (MAX) LED HIGH BAY LIGHT	6	230	1200	1			5.22		20	100	2	2 - 3.5mm² THHN/THWN-2 CU WIRE + 1 - 3.5mm² THHN/THWN-2 CU WIRE (G)	15mmØ EMT
4	CONVENIENCE OUTLET	5	230	1750	1			7.61		20	100	2	2 - 3.5mm² THHN/THWN-2 CU WIRE + 1 - 3.5mm² THHN/THWN-2 CU WIRE (G)	15mmØ EMT
5	CONVENIENCE OUTLET	5	230	1750	1		7.61			20	100	2	2 - 3.5mm² THHN/THWN-2 CU WIRE + 1 - 3.5mm² THHN/THWN-2 CU WIRE (G)	15mmØ EMT
6	SPARE		230	1500	1		6.52			20	100	2		
7	SPARE		230	2000	1	8.70				30	100	2		
8	SPACE													
T O T A L						16.09	14.13	12.83						
COMPUTATION: I <sub>3Ø</sub> = 16.09√3 I <sub>3Ø</sub> = 28.04 A					FOR THE FEEDER CONDUCTORS: USE: 3 - 14mm² THHN/THWN-2 COPPER WIRE 1 - 8.0mm² THHN/THWN-2 COPPER WIRE (G) IN 25mmØ INTERMEDIATE METAL CONDUIT					FOR THE FEEDER CIRCUIT PROTECTION: USE: 60AT, 100AF, 3-POLE, 230V, 25KAIC MCCB				

1

E-03E-03

SCHEDULE OF LOADS

SCALE: NTS.

