

SYMBOL	DESCRIPTION	LAMPS			DIFFUSER	MOUNTING	VOLTS	MANUFACTURER	CATALOG NUMBER	ADDITIONAL REQUIREMENTS
		QTY	WATTS	TYPE						
SOA	METAL HALIDE MASTER COLOR PAR38 LENSED WALLWASH WITH ELECTRONIC BALLAST AND U.L. LISTED.	1	100	CDM100/PAR38/FL/3K LAMP BY PHILIPS		RECESSED	277	PORTFOLIO	MA7X-740-7481-LI	LOBBY
SH	NOT USED									
SI	48" LINEAR T8 FLUORESCENT STRIPLIGHT WITH INTEGRAL ELECTRONIC DIMMING BALLAST AND REFLECTOR. A) ONE LAMP-INTEGRAL DIMMING BALLAST B) TWO LAMP-INTEGRAL DIMMING BALLAST C) REFLECTOR	1	32	F32T8/TL830 LAMP BY PHILIPS		SURFACE	120	C.J. LIGHTING	1940-48"	E.C. TO VERIFY NUMBER OF LAMPS PER BALLAST PRIOR ORDERING SO AS TO INSTALL FIXTURES IN A MASTER-SLAVE CONFIGURATION. ORIENT REFLECTOR AS SHOWN IN DETAIL.
SA	36" LINEAR T8 FLUORESCENT STRIPLIGHT WITH INTEGRAL ELECTRONIC DIMMING BALLAST AND REFLECTOR. A) ONE LAMP-INTEGRAL DIMMING BALLAST B) TWO LAMP-INTEGRAL DIMMING BALLAST C) REFLECTOR	1	25	F25T8/TL830 LAMP BY PHILIPS		SURFACE	120	C.J. LIGHTING	1940-36"	SAME AS SI, EXCEPT 3"-0".
SB	48" LINEAR T8 FLUORESCENT ASYMMETRICAL UPLIGHT WITH INTEGRAL ELECTRONIC DIMMING BALLAST AND ADJUSTABLE REFLECTOR. A) ONE LAMP-INTEGRAL DIMMING BALLAST B) TWO LAMP-INTEGRAL DIMMING BALLAST	1	32	F32T8/TL830 LAMP BY PHILIPS		SURFACE	120	ELLIPTIPAR	F306-A132-S-00-T-000	AUDITORIUM-UPPER FLOATING WALL E.C. TO VERIFY NUMBER OF LAMPS PER BALLAST PRIOR ORDERING SO AS TO INSTALL FIXTURES IN A MASTER-SLAVE CONFIGURATION.
SC	36" LINEAR T8 FLUORESCENT ASYMMETRICAL UPLIGHT WITH INTEGRAL ELECTRONIC DIMMING BALLAST AND ADJUSTABLE REFLECTOR. A) ONE LAMP-INTEGRAL DIMMING BALLAST B) TWO LAMP-INTEGRAL DIMMING BALLAST	1	25	F25T8/TL830 LAMP BY PHILIPS		SURFACE	120	ELLIPTIPAR	F306-A125-S-00-T-000	SAME AS SB, EXCEPT 2"-0"
SJ	COMPACT FLUORESCENT JELLY JAR WORK LIGHT FOR CATWALK WITH INTEGRAL BALLAST	1	13	WV0L13-NFL		SURFACE	277	STONCO	PL-C-13W/35/USA	
SA	INCANDESCENT STEPLIGHT WITH DIE CAST ALUMINUM HOUSING, TEMPERED RESISTANT HEX SOCKETS HEAD SCREWS, SILICONE GASKET AND MICROLOUVER	1	25	25-INCANDESCENT INCLUDED.		RECESSED	120	MCPHILBEN	941-C-25INC.-ML-120-xx	AUDITORIUM
SK	(2) 8" CONTINUOUS INDIRECT FLUORESCENT PENDANT WITH FIXTURE WITH T8 LAMPS, INTEGRAL ELECTRONIC BALLAST, STAINLESS STEEL FRAME WITH FROSTED GLASS, CROSS BLADE BAFFLE & CLEAR DUST PANEL.	2	32	F32T8/TL835 LAMP BY PHILIPS		PENDANT MOUNTED WITH AIRSPRAT CABLE	277	METALUMEN	D4F-8"-2(8)R-C-G-J-5-B	SPECIAL FINISH BY ARCHITECTS EXACT CABLE LENGTH AS SHOWN ON DRAWINGS
SKA	2-CIRCUIT TRACK WITH ROUND EXTRUDED ALUMINUM PROFILE A) WALL & CEILING PLATE B) MOUNTING BUSH FOR PROFILE (TRACK) C) SUSPENSION EQUIPMENT	N/A	N/A	N/A		PENDANT	120	ERCO	MONOPOLL 12587.023 12572 12582.023	REFER TO DRAWINGS FOR EXACT MOUNTING E.C. TO FURNISH & INSTALL STEP DOWN TRANSFORMER (277/120V) TO OPERATE TRACK.
SKB	MASTER COLOR METAL HALIDE FLOOD LIGHT WITH LINEAR SPREAD LENS AND REMOTE TRACK MOUNTED ELECTRONIC BALLAST A) SCULPTURE LENS	1	150	CDM150/T6/3K LAMP BY PHILIPS		TRACK	120	ERCO	STELLA SPOTLIGHT 74474	ATRIM
SL	48" LINEAR T8 FLUORESCENT ASYMMETRICAL WALLWASHER WITH PARABOLIC SPECULAR BAFFLE ELECTRONIC DIMMING BALLAST (INTEGRAL) A) ONE LAMP-INTEGRAL DIMMING BALLAST	1	32	F32T8/TL830 LAMP BY PHILIPS		SURFACE	120	ELLIPTIPAR	F110-TA32-S-02-T-000	AUDITORIUM - UPPER MEZZANINE WALL LOBBY - EAST & WEST WOOD WALLS.
SL2	36" LINEAR T8 FLUORESCENT ASYMMETRICAL WALLWASHER WITH PARABOLIC SPECULAR BAFFLE ELECTRONIC DIMMING BALLAST (INTEGRAL) A) ONE LAMP-INTEGRAL DIMMING BALLAST	1	25	F25T8/TL830 LAMP BY PHILIPS		SURFACE	120	ELLIPTIPAR	F110-TA25-S-02-T-000	AUDITORIUM - UPPER MEZZANINE WALL LOBBY - EAST & WEST WOOD WALLS.
SLA	METAL HALIDE UPLIGHT A) INTERNAL NON-DIRECTIONAL LOUVER B) STAINLESS STEEL TRIM C) CLEAR ALUMINUM LENS RETAINER	1	100	CDM100/PAR38/WFL/3K LAMP BY PHILIPS		GROUND	277	GREENLEE	ROB-100MH-X-PAR38MH100- INL SST ALR-CPP	MASTER COLOR METAL HALIDE N-GRADE WITH INTERNAL LOUVER LOCKABLE HEAD TILT & ROTATION INTEGRAL MAGNETIC BALLAST, & U.L. LISTING FOR WET LOCATION
SM	COMPACT FLUORESCENT WALL WASH DOWNLIGHT WITH TRIPLE TUBE 4-PIN LAMP, ELECTRONIC (INTEGRAL) BALLAST, SPECULAR REFLECTOR, 8" NOMINAL APERTURE AND SELF-TRIM	1	42	PL-142W/30/4P/ALTO LAMP BY PHILIPS		RECESSED	277	PRESCOLITE	CF1842EB-SIF802H	ELECTRONIC BALLAST BY PRESCOLITE "INTELECT" SERIES CAPABLE OF DRIVING 26W, 32W, OR 42W LAMP.
SM2	SAME AS SM, EXCEPT 32 WATTS	1	32	PL-132W/30/4P/ALTO LAMP BY PHILIPS		RECESSED	277	PRESCOLITE	CF1832EB-SIF802	ELECTRONIC BALLAST BY PRESCOLITE "INTELECT" SERIES CAPABLE OF DRIVING 26W, 32W, OR 42W LAMP.
SMB	MASTER COLOR METAL HALIDE PAR20 DOWNLIGHT WITH SPECULAR REFLECTOR AND NOMINAL 5" APERTURE	1	39	CDM39/PAR20/FL/3K LAMP BY PHILIPS		RECESSED	277	PORTFOLIO	MD4-390-4201-LI	LOBBY
SN	COMPACT FLUORESCENT PENDANT WITH INTEGRAL ELECTRONIC BALLAST	4	24	PL24W/30 LAMP BY PHILIPS		PENDANT	277	LOUIS POLSEN	DSP-792-WHITE-36"O.H.	AUDITORIUM VESTIBULE
SO	MASTER COLOR METAL HALIDE T6 DOWNLIGHT WITH TWO PIECE REFLECTOR, NOMINAL 5" APERTURE AND SELF-FLANGED	1	70	CDM70/T6/3K LAMP BY PHILIPS		RECESSED	277	PORTFOLIO	MA16-730-4951-LI	CONTROL ROOM
SOA	COMPACT FLUORESCENT SEAMLESS STRAIGHT AND FIELD CURVABLE STRIP WITH INTEGRAL BALLAST	1	26	PL-C-26W/35 LAMP BY PHILIPS		SURFACE	277	BELFER	2882-FX2-26-2-E	CONTROL ROOM
SP	MASTER COLOR METAL HALIDE ED17 DOWNLIGHT WITH QUARTZ INTERNAL STANDBY LAMP, 7" NOMINAL APERTURE AND CLEAR ALZAK SELF-FLANGED REFLECTOR	1	100	MHC100/C/U/M/3K		RECESSED	277	PORTFOLIO	MD7-740-7701X-LI-SL100MH	CONTROL ROOM
SPA	2'X2' 4-LAMP RECESSED INDIRECT WITH FOUR SIDED PERFORATED LAMP SHIELD AND ELECTRONIC DIMMING BALLAST. A) DIMMING BALLAST (100W-1X)	4	50	PL-150W/36/RS		RECESSED	277	FOCAL POINT	FSK-22-B-4-BX35-D-277-X-PS-NO WH	
SPB	1'X2' RECESSED FLUORESCENT WALL WASHER WITH ELECTRONIC DIMMING BALLAST AND ANODIZED ALUMINUM REFLECTOR A) DIMMING BALLAST (100W-1X)	38	38	PL-L-40/35/RS		RECESSED	277	ZUMTobel STAFF	RO-XX-1405-P-M-2-DM	
SO	4" LINEAR T8 FLUORESCENT ASYMMETRICAL UPLIGHT WITH INTEGRAL ELECTRONIC DIMMING BALLAST AND ADJUSTABLE REFLECTOR A) DIMMING BALLAST (100W-1X)	1	32	F32T8/TL835 LAMP BY PHILIPS		SURFACE	277	ELLIPTIPAR	F301-A132-S-00-V-000	
SOA	2" LINEAR T8 FLUORESCENT ASYMMETRICAL UPLIGHT WITH INTEGRAL ELECTRONIC DIMMING BALLAST AND ADJUSTABLE REFLECTOR A) DIMMING BALLAST (100W-1X)	1	25	F25T8/TL835 LAMP BY PHILIPS		SURFACE	277	ELLIPTIPAR	F301-A125-S-00-V-000	SAME AS SO EXCEPT 24"
SOB	48" LINEAR T8 FLUORESCENT STRIPLIGHT WITH INTEGRAL ELECTRONIC DIMMING BALLAST AND REFLECTOR. A) ONE LAMP-INTEGRAL DIMMING BALLAST B) TWO LAMP-INTEGRAL DIMMING BALLAST C) REFLECTOR	1	32	F32T8/TL830 LAMP BY PHILIPS		SURFACE	277	C.J. LIGHTING	1940-48"	E.C. TO VERIFY NUMBER OF LAMPS PER BALLAST PRIOR ORDERING SO AS TO INSTALL FIXTURES IN A MASTER-SLAVE CONFIGURATION. ORIENT REFLECTOR AS SHOWN IN DETAIL.
SOB	36" LINEAR T8 FLUORESCENT STRIPLIGHT WITH INTEGRAL ELECTRONIC DIMMING BALLAST AND REFLECTOR. A) ONE LAMP-INTEGRAL DIMMING BALLAST B) TWO LAMP-INTEGRAL DIMMING BALLAST C) REFLECTOR	1	25	F25T8/TL830 LAMP BY PHILIPS		SURFACE	277	C.J. LIGHTING	1940-36"	SAME AS SOB, EXCEPT 36"
SR	RECESSED STEPLIGHT WITH STAINLESS STEEL FACEPLATE AND WHITE DIFFUSERS WITH STAINLESS STEEL FINISH.	1	9	PL-S-9W-35		RECESSED	277	E.C. VERIFY	BEGA 2031P	EXTERIOR
ST	METAL HALIDE UPLIGHT A) ROCK GUARD B) CLEAR ALUMINUM LENS RETAINER	1	70	CDM70M4-X-PAR38MH100- E.C. ALR-CPP		GROUND	277	GREENLEE	ROB-70MH-X-PAR38MH100- E.C. ALR-CPP	MASTER COLOR METAL HALIDE N-GRADE WITH ROCK GUARD, ADJUSTABLE & LOCKABLE HEAD TILT & ROTATION, INTEGRAL MAGNETIC BALLAST, & U.L. LISTING FOR WET LOCATION

SYMBOL	DESCRIPTION	LAMPS			DIFFUSER	MOUNTING	VOLTS	MANUFACTURER	CATALOG NUMBER	ADDITIONAL REQUIREMENTS
		QTY	WATTS	TYPE						
SU	METAL HALIDE MASTER COLOR PAR38 FLOOD LIGHT W/FIXTURE MOUNTED ON ELECTRONIC BALLAST WALL MOUNTED WEATHER PROOF ENCLOSURE, LOCKABLE ROTATION & TILT CAPABILITIES AND U.L. LISTED FOR WET LOCATION.	1	70	CDM70/PAR38/FL/3K LAMP BY PHILIPS		SURFACE	277	LUMIERE	740-XX-ELM-70-277	FINISH BY ARCHITECT
SW1	MASTER COLOR METAL HALIDE ASYMMETRICAL FLOODLIGHT WITH VSDR, REMOTE BALLAST FOR INDOOR LOCATION, MICRO-PRISMATIC THERMAL & RESISTANT TEMPERED LENS AND U.L. LISTED FOR WET LOCATION.	1	150	CDM150/T6/830 LAMP BY PHILIPS		SURFACE	277	ELLIPTIPAR	M151-150G-V-XX-B-VH (visor included)	E.C. TO SPECIFY LONG DISTANCE REMOTE BALLAST (25"-50") IF BALLAST LOCATION FROM FIXTURE EXCEEDS 24"-0"
SW2	MASTER COLOR METAL HALIDE ASYMMETRICAL FLOODLIGHT WITH VSDR, REMOTE BALLAST FOR INDOOR LOCATION, MICRO-PRISMATIC THERMAL & RESISTANT TEMPERED LENS AND U.L. LISTED FOR WET LOCATION.	1	70	CDM70/T6/830 LAMP BY PHILIPS		SURFACE	277	ELLIPTIPAR	M151-70G-V-XX-B-VH (visor included)	E.C. TO SPECIFY LONG DISTANCE REMOTE BALLAST (25"-50") IF BALLAST LOCATION FROM FIXTURE EXCEEDS 24"-0" SAME AS SW1, EXCEPT 70W
SY	METAL HALIDE MASTER COLOR PAR38 ADJUSTABLE DOWNLIGHT WITH ELECTRONIC BALLAST AND U.L. LISTED FOR WET LOCATION.	1	100	CDM100/PAR38/FL/4K LAMP BY PHILIPS		RECESSED	277	PORTFOLIO	MA7X-740-7471-LI	EXTERIOR/SOFFIT
SYA	METAL HALIDE MASTER COLOR PAR20 FLOOD LIGHT W/FIXTURE MOUNTED ON MAGNETIC BALLAST WITH GROUND MOUNTED, WEATHER PROOF ENCLOSURE, LOCKABLE ROTATION & TILT CAPABILITIES AND U.L. LISTED FOR WET LOCATION.	1	39	CDM39/PAR20/FL/3K LAMP BY PHILIPS		GROUND	277	B-K E.C. VERIFY	EV-59-VER-9-11-B-IP35-277V	EXTERIOR

SHEET NOTES:

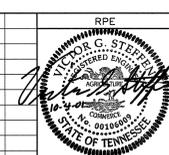
- CEILING COMPATIBILITY FOR ALL RECESSED FIXTURES TO BE CONTRACTOR BEFORE ORDERING.
- PROVIDE ACCESSIBLE LOCATION FOR REMOTE EQUIPMENT FOR FIXTURE TYPES NOTED WITH "REMOTE BALLAST" OR "REMOTE TRANSFORMERS".
- X - SIGNIFIES INFORMATION TO BE SUPPLIED BY ELECTRICAL CONTRACTOR.

NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, IS MADE AS TO THE ACCURACY, COMPLETENESS OR USEFULNESS OF THE INFORMATION OR STATEMENTS CONTAINED IN THESE DRAWINGS, OR THAT THE USE OR DISCLOSURE OF ANY INFORMATION, APPROPRIATE METHOD, OR PROCESS DESCRIBED IN THESE DRAWINGS MAY NOT INFRINGE PATENT RIGHTS OF OTHERS. NO LIABILITY IS ASSUMED WITH RESPECT TO THE USE OF, OR FOR DAMAGES RESULTING FROM THE USE OF ANY INFORMATION, APPROPRIATE METHOD, OR PROCESS DESCRIBED IN THESE DRAWINGS. DRAWINGS MADE AVAILABLE FOR INFORMATION TO READER ARE NOT TO BE USED FOR OTHER PURPOSES AND ARE TO BE RETURNED UPON REQUEST OF THE FORWARDING CONTRACTOR.

NUMBER OF SECTIONS OR DETAIL DRAWING ON WHICH SECTION OR DETAIL IS SHOWN OR TAKEN SECTION AND DETAIL KEY

THIS DOCUMENT CONTROLLED BY CHANGE CONTROL SYSTEM ENGINEERING PROCEDURE SNS-ENG-0001

REV	DATE	DESCRIPTION	DSN	CHK	DEPT	DATE	PE	DATE	PJ	DATE	REQ	DATE	UTB	DATE	RPE	NO	DATE	ST	CV	EC	EE	EM	IE	M	PD	SE	AR
1	C	4	-	FELX - BASIS OF AWARD - 10/3/01	LP	VGS																					
0				CERTIFIED FOR CONSTRUCTION - 05/15/2001	LP	VGS																					



REQ	DATE	UTB	DATE	RPE	NO	DATE	ST	CV	EC	EE	EM	IE	M	PD	SE	AR
DEN	L. PACHECO	05/15/01														
DRW	L. PACHECO	05/15/01														
CHK	V. STEFFEN	5/15/01														
DEPT																
PE	C. GARREN	06/28/01														
PJ	T. MCALPIN	06/28/01														

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UT-BATTELLE
PROJECT NAME: SPALLATION NEUTRON SOURCE
LIGHTING FIXTURE SCHEDULES SHEET 2

REV	DATE	UTB	DATE	RPE	NO	DATE	ST	CV	EC	EE	EM	IE	M	PD	SE	AR
1	48	49	50	PLANT	BLOG	FL	SH.	OF	TYPE	CLASS						
3	E	X	X	8	8000	1	1	1	S	U						
REV	DATE	UTB	DATE	RPE	NO	DATE	ST	CV	EC	EE	EM	IE	M	PD	SE	AR
1	10-4-01	J.R.LAWSON	6/28/01													
51	52	53	WBS	FL	SH.	OF	TYPE	CLASS								
NC	NA	1.8.3														