

Lighting Fixture Schedule									
Type	Manufacturer	Catalog Number	Lamps Qty & Type	Ballast Qty & Type	Voltage	Mounting	Description	Wattage	
C1	Kurt Versen Omega Vantage	WH432 OR EQUAL	(1) CFTR32W/GX24q/835	(1) Electronic Ballast	277 V	Recessed	Recessed Shower Light	36 W	
C2	Tech Lighting/Lynn Bath Winona Visa	700BCLYNNW-S-CF277 OR EQUAL	(1) CFTR32W/GX24q/835	(1) Electronic Ballast	277 V	Surface/Wall	Bathroom wall sconce. Coordinate elevation with architectural elevations.	36 W	
C3	Elliptipar Focal Point	F204-H232-T-02-V-0-ASRBKT00 OR EQUAL	(2) CFTR32W/GX24q	(1) Electronic Ballast	277 V	Recessed	Dimming wall washer with baffle and byp board flange accessory kit	70 W	
C4	Omega Lithonia Kurt Versen Vantage	OM6-32PLT-SQ-WH-DX2-120/277 OR EQUAL	(1) CFTR32W/GX24q/835	(1) Electronic Dimming Ballast	277 V	Recessed	Square dimming downlight. Provide emergency ballast as required by plans	36 W	
F1	Day-Brite Lithonia Kenall	LWAE232-UNV-1/2 OR EQUAL	(2) 32WT8/835/XPS/ECO3 with CRI >=86	(1) 2-lamp Parallel Wired Normal Power Factor Programmed Start	277 V	Surface	1x4 Surface Lensed and Gasketed Industrial. Provide Bodine B33 emergency power ballasts as required by plans.	70 W	
F2	Lithonia Day Brite Metalux	EJSA-2-32-MVOLT OR EQUAL	(2) 32WT8/835/XPS/ECO3 with CRI >=86	(1) 2-lamp Parallel Wired Normal Power Factor Programmed Start	277 V	Suspended	1x4 Suspended Open Industrial. Provide Bodine B33 emergency power ballasts as required by plans.	70 W	
F3	Kenall Nulte Lithonia	CA-2-32-MVOLT-GEB10PS OR EQUAL	(2) 32WT8/835/XPS/ECO3 with CRI >=86	(1) 2-lamp Parallel Wired Normal Power Factor Programmed Start	277 V	Surface	1x4 Surface Lensed Industrial. Provide Bodine B33 emergency power ballasts as required by plans.	70 W	
F4	Lithonia Birchwood Metalux	SS-2-32-MVOLT-GEB10RS OR EQUAL	(2) F32WT8/835/XPS/ECO3 with CRI >=86	(1) 2-lamp Parallel Wired Normal Power Factor Programmed Start	277 V	Cove	4' Strip - Cove Mounted	70 W	
F5	Lightolier Ledaite Linear Lighting	L916-T02-P-G-4-1-D-W OR EQUAL	(2) F32WT8/835/XPS/ECO3 with CRI >=86	(1) 2-lamp Parallel Wired Normal Power Factor Step Dim Programmed Start	277 V	Suspended	1x4 Suspended Linear Direct/Indirect with step dim ballast. Provide Bodine B33 emergency ballast as required by plans.	62 W	
F5A	Lightolier Ledaite Linear Lighting	L916-T02-P-J-4-1-D-W OR EQUAL	(2) F32WT8/835/XPS/ECO3 with CRI >=86	(1) 2-lamp Parallel Wired Normal Power Factor Step Dim Programmed Start	277 V	Suspended	1x4 Suspended Linear Direct with step dim ballast. Provide Bodine B33 emergency ballast as required. Suspend fixture at 11'-4" parallel with architectural cloud.	70 W	
F7	Day-Brite Columbia Nulte	BIL4-232-EP-U OR EQUAL	(2) 32WT8/835/XPS/ECO3 with CRI >=86	(1) 2-lamp Parallel Wired Normal Power Factor Programmed Start	277 V	Surface	1x4 Surface mounted wraparound with acrylic lens and fixture mounted occupancy sensor. Mount fixture at 9'-0" AFF. Provide with (2) Bodine B33 emergency ballasts.	70 W	
L1	Solid State Luminaires Lucifer Lighting Kurt Versen	P4-1-3K-NFL OR EQUAL	LED	LED Driver	277 V	Recessed	4" recessed square LED downlight with 25 degree beam spread. Provide emergency power backup, such as Bodine ELI-s-20, as required by plans.	28 W	
L1A	Solid State Luminaires Lucifer Lighting Kurt Versen	P4-1-3K-FL OR EQUAL	LED	LED Driver	277 V	Recessed	Same as L1, but with 40 degree beam spread.	28 W	
L3	Bega Or Equal	L5451-L54510 OR EQUAL	LED	LED Driver	277 V	Pendant	Decorative pendant	10 W	
L4	Bega Cooper Lithonia	6890P OR EQUAL	(1) 42WTT-4P	-20 Degree Ballast	277 V	Surface/Wall	Exterior wall pack. Mount 10' - 0" above finished grade.	45W	
S1A	Bega Cooper Lithonia	8293MH FL6D-13LED-L30-277-RO-TL6-RO-DN-CD-WP OR EQUAL	(1) 150W Pulse Star	-20 Degree Ballast	277 V	Post Top	Ped Pole Light, 14' Tapered Round Pole	200 W	
S1B	Bega Cooper Lithonia	8293MH OR EQUAL	(1) 150W Pulse Start Metal Halide	-20 Degree Ballast	277 V	Post Top	Pole Light, 12' Tapered Round Pole, 2' Pole Base	200 W	
S1C	Bega Cooper Lithonia	8293MH FL6D-13LED-L30-277-RO-TL6-RO-DN-CD-WP OR EQUAL	(1) 150W Pulse Start Metal Halide	-20 Degree Ballast	277 V	Post Top	Pole Light, 20' Tapered Round Pole, 2' Pole Base	200 W	
S2	Bega Cooper Lithonia	8282MH FL6D-13LED-L30-277-RO-TL6-RO-DN-CD-WP OR EQUAL	(2) 250W Pulse Star	-20 Degree Ballast	277 V	Dual Post Top	Dual Headed Pole Light, 20' Tapered Round Pole, 2.5' concrete base	600 W	
S4	Bega Cooper Lithonia	6890P OR EQUAL	(1) 42WTT-4P	(1) -20 Degree Electronic Ballast	277 V	Surface	Exterior wall pack. Mount 10' - 0" above finished grade.	42 W	
S5	Phillips Guardco Lithonia Architectural Egress Lighting	WH19L-1-3-160LA-CW-UNIV-BRA FL6D-13LED-L30-277-RO-TL6-RO-DN-CD-WP OR EQUAL	160w LED	LED Driver	277 V	Surface	Exterior Wall Pack. Mount 10' - 0" above finished grade.	180 W	
S6	Allscape Phillips Guardco Cooper	SL-42CFT-277-FL-ADA-BK-HL OR EQUAL	(1) 42W CFT	(1) Electronic Ballast	277 V	Recessed Grade	7" recessed in grade compact fluorescent wall wash	42 W	
X1	Lithonia Sure Lite Cooper	LRP-CR-1-GMR-120/277 OR EQUAL	LED	LED Driver	277 V	Surface	Exit light. Directional arrows as shown on drawing. Utilize back or side mounted for wall mounted devices, utilize ceiling mounted for all others. With emergency ballast.	5 W	
X2	Lithonia Sure Lite Cooper	LRP-CR-2-GMR-120/277 OR EQUAL	LED	LED Driver	277 V	Surface	Exit light. Directional arrows as shown on drawing. Utilize back or side mounted for wall mounted devices, utilize ceiling mounted for all others. With emergency ballast.	10 W	

SMITHGROUP
architecture engineering interiors planning

SMITHGROUP, INC
35 EAST WACKER
SUITE 2200
CHICAGO, IL 60601
T 312.641.0770
F 312.641.6728
www.smithgroup.com



JJR, LLC
35 EAST WACKER DRIVE
SUITE 2200
CHICAGO, ILLINOIS 60601
312.641.0510 T
312.641.0668 F
www.jjr-us.com



Affiliated Engineers, Inc.
5802 Research Park Boulevard
Madison, Wisconsin 53719
Tel 608.238.2616 Fax 608.238.2614

Thornton Tomasetti

Thornton Tomasetti, Inc.
330 N. Wabash Avenue, Suite 1500
Chicago IL 60611-7622
T 312.596.2000 F 312.596.2001



TERRA ENGINEERING LTD.
225 West Ohio Street, 4th Floor
Chicago, Illinois 60654
T 312.467.5123 F 312.467.5220

SEALS AND SIGNATURES



ISSUED FOR CONSTRUCTION 07/02/12

REV. NO. DESCRIPTION BY APVD DATE



FMS
Facilities Management Services

PROJECT TITLE ADVANCED PROTEIN
CRYSTALLIZATION FACILITY,
ARGONNE NATIONAL LABORATORY
PROJECT NO 08541-00
DRAWING TITLE

LUMINAIRE SCHEDULE

DESIGNED	AE CAD FILE	FACILITY
DLW	EL2.7.0	(NOI)
DRAWN	AE DWG. NO.	
DLW	EL2.7.0	
CHECKED	CAD NO.	
BBB		
PROJECT MANAGER	DWG STATE	
ANL - JESSE ADAMS	BND ORDER	
DATE - 04/26/11		
FACILITY DOCUMENT NUMBER		REV. NO.

J446-101-W- EL2.7.0