

### HEATER SCHEDULE

SYMBOL	TYPE	DESCRIPTION	VOLTS	PHASE	MOUNTING	CONTROLS	STANDARD OF QUALITY		
A	BASEBOARD	COMMERCIAL SLOPED TOP, 16GA. STEEL FRONT PANEL FRONT INLET/OUTLET, 180mm HIGH, WHITE	347	1	WALL MOUNT AT TOP OF BASEBOARD	BUILT-IN L.V. RELAY AND TRANSFORMER	STELPRO SCAS SERIES	DIMPLEX ASB SERIES	OUELLET ODA SERIES
B	WALL FAN	COMMERCIAL GRADE RECESSED, 18GA. STEEL GRILLE, QUIET FAN, WHITE, 410mm WIDE	347	1	WALL FLUSH MOUNT. BOTTOM OF HEATER 200mm ABOVE FLOOR	BUILT-IN L.V. RELAY AND TRANSFORMER	STELPRO WF SERIES	DIMPLEX RFI SERIES	OUELLET OAC SERIES
C	WALL FAN COMPACT	SUMLINE, 18GA. STEEL GRILLE, QUIET FAN, WHITE, 220mm WIDE	347	1	WALL FLUSH MOUNT. BOTTOM OF HEATER 200mm ABOVE FLOOR	BUILT-IN L.V. RELAY AND TRANSFORMER	STELPRO RWF SERIES	DIMPLEX TWH SERIES	OUELLET OVS SERIES
D	UNIT HEATER	COMMERCIAL GRADE, 18GA. CABINET, ADJUSTABLE LOUVERS, ALMOND COLOUR.	347	1/3	WALL MOUNT BRACKET, HEIGHT AS INDICATED	BUILT-IN L.V. RELAY AND TRANSFORMER	STELPRO SHU SERIES	DIMPLEX EU SERIES	OUELLET OAS SERIES

NOTES:  
 1. HEATING CONTROL BY MECHANICAL/ CONTROLS CONTRACTOR. CONTROL CABLE FROM HEATER TO EMCS BY CONTROLS CONTRACTOR, THERMOSTAT BY CONTROLS CONTRACTOR.  
 2. HEATER FEATURES AND DIMENSIONS MAY VARY SLIGHTLY DEPENDING ON MANUFACTURER.

### LIGHTING FIXTURE SCHEDULE

SYMBOL	TYPE	DESCRIPTION	LUMENS	WATTS	MOUNTING	LENS	DRIVER	STANDARD OF QUALITY			NOTES
A	COMMERCIAL LED TROFFER	2x4 LED, RIGID COLD ROLLED STEEL HOUSING, FULL LENGTH STIFFENERS	4000	36	FLUSH T-BAR	ACRYLIC, MIN. 125 IN HINGED DOOR AND SPRING LOAD HATCH	0-10V DIMMING, 4000K, 120 VOLTS	EATON METALUX 24GR LED SERIES	PHILIPS T-GRID LED SERIES	STANPRO L2TSB SERIES	
B	COMMERCIAL LED TROFFER	2x2 LED, RIGID COLD ROLLED STEEL HOUSING, FULL LENGTH STIFFENERS	3200	35	FLUSH T-BAR	ACRYLIC, MIN. 125 IN HINGED DOOR AND SPRING LOAD HATCH	0-10V DIMMING, 4000K, 120 VOLTS	EATON METALUX 22GR LED SERIES	PHILIPS T-GRID LED SERIES	STANPRO L2TSB SERIES	
C	SPEC GRADE LED LUMINAIRE	2x4 CONCAVE REFLECTING SURFACE SEMI-INDIRECT, STEEL FULL ENCLOSURE	5000	45	FLUSH T-BAR	ACRYLIC FROSTED SHIELDING, CENTRE BASKET OR BARRIER	0-10V DIMMING, 4000K, 120 VOLTS	EATON 24CZ SERIES	PHILIPS SILKSPACE SERIES	STANPRO L3VBA SERIES	
D	SPEC GRADE LED LUMINAIRE	2x2 CONCAVE REFLECTING SURFACE SEMI-INDIRECT, STEEL FULL ENCLOSURE	3200	35	FLUSH T-BAR	ACRYLIC FROSTED SHIELDING, CENTRE BASKET OR BARRIER	0-10V DIMMING, 4000K, 120 VOLTS	EATON 24CZ SERIES	PHILIPS SILKSPACE SERIES	STANPRO L3VBA SERIES	
E	LED LENSED WRAP	4' COLD ROLLED STEEL HOUSING, SOLID END CAPS	3200	39	SURFACE GYPSUM/T-BAR	FROSTED WHITE OPAL	120V, 4000K	EATON SLWP SERIES	PHILIPS OWL SERIES	CREE S-WR SERIES	
F	LED LENSED STRIP	4' STEEL HOUSING, SOLID END CAPS	4000	41	SURFACE/SUSPENDED	FROSTED ACRYLIC SHIELDING	120V, 4000K	EATON SNLED SERIES	PHILIPS EZ LED SERIES	STANPRO L2STL SERIES	
G	SUSPENDED DIRECT/INDIRECT	LINEAR 4' SECTIONS FOR CONTINUOUS ROW MOUNTING, 50% UP AND DOWN (APPROX.), ALUMINUM HOUSING	4600	46	SUSPENDED	FROSTED SHIELDING DOWN	120V, 4000K, DIMMING TO 1%	EATON MINIGATOR MB SERIES	-	LEDALITE ENDEAVOR SERIES	
H	SURFACE CANOPY	CAST ALUMINUM HOUSING, LOW PROFILE, POLYCARBONATE FACE	1800	20	SURFACE	POLYCARBONATE OPAL IMPACT RESISTANT	120V, 4000K	EATON FAIL-SAFE TR 11 SERIES	PHILIPS BRCC SERIES	STANPRO IFD-L SERIES	CORROSION RESISTANT, HIGH ABUSE RATED, GREY OR BRONZE COLOUR
J	SURFACE CANOPY	CAST ALUMINUM HOUSING, LOW PROFILE, POLYCARBONATE FACE	2000	25	SURFACE	POLYCARBONATE OPAL IMPACT RESISTANT	120V, 4000K	EATON FAIL-SAFE TR 11 SERIES	PHILIPS BRCC SERIES	STANPRO IFD-L SERIES	CORROSION RESISTANT, HIGH ABUSE RATED, GREY OR BRONZE COLOUR
K	POT LIGHT	4' LED MODULE, DIE CAST ALUMINUM, INTEGRATED HEAT SINK, SEMI-SPECULAR TRIM	800	12	RECESSED	-	120V, 4000K, DIMMING TO 10%	HALO LED H4 ENGINE WITH SEMI-SPECULAR TRIM SERIES	PHILIPS P4R LYTEPROFILE SERIES	CREE CR SERIES	
L	POT LIGHT	6" COMMERCIAL GRADE, ADJUSTABLE STEEL FRAME FOR GYPSUM OR T-BAR, SEMI-SPECULAR REFLECTOR	1500	17	RECESSED	SEMI-SPECULAR REFLECTOR WITH WHITE TRIM	120V, 4000K, CONSTANT CURRENT, FLICKER & NOISE FREE, DIMMING TO 10%	HALO PD SERIES	PHILIPS CALCULITE SERIES	STANPRO LUMENOPTIX LR06 SERIES	
M	LIGHT STRIP	LINEAR BAR IN 4' SECTIONS, CONTINUOUS ROW, DOWN LIGHT WITH MARROW DISTRIBUTION, 30' MAX	398/FT.	5/FT.		PRECISION LENS AND LOUVER TO PROVIDE COMPACT BEAM SPREAD	120V, DIMMING TO 1%	LUMENPULSE LL1PD SERIES	PINNACLE EDGE SERIES, 30' BEAM		SUSPENDED ON AIRCRAFT CABLE AND POWER FEEDER CABLE, POSITION ON SITE TO USER REQUIREMENTS.
N	EXTERIOR WALL FIXTURE	DIE-CAST ALUMINUM, INTEGRATED HEATSINK PRECISELY DESIGNED OPTICS TO ACHIEVE LIGHT DISTRIBUTION	12,000	113	SURFACE WALL	IMPACT RESISTANT	120V, 4000K, WITHSTAND 10KV TRANSIENT VOLTAGE SURGE	EATON GWC GALLEON SERIES	PHILIPS 161 LED SERIES	CREE EDGE SERIES	GASKET AND ZINC PLATED RIGID STEEL MOUNTING ATTACHMENT FOR 103 mm BOX. POLYESTER POWDER COAT 2.5 MIL BRONZE
P	POLE LIGHT	EXTRUDED ALUMINUM DRIVE ENCLOSURE, HEAVY WALL DIE-CAST ALUMINUM HOUSING AND HEAT SINKS, IP66 RATED, 3G VIBRATION TEST AND RATED	24,000 @1A	225	8M POLE	-	0-10V DIMMING, WITHSTAND 10KV TRANSIENT LINE SURGE, 120V, 4000K	EATON GALLEON SERIES	PHILIPS IPS ECOFORM SERIES	CREE OSQ SERIES	LIGHT FIXTURE AND POLE ASSEMBLY RATED FOR 160 km/h WIND LOAD. POLYESTER POWER COAT 2.5 MIL, 5 YEAR WARRANTY.
R	HIGH BAY LED	2x4 SUSPENDED, FULL BODY CONSTRUCTION WITH STIFFENING BRACKETS AND SIDE RAILS. IRON PHOSPHATE COATING WITH RUST INHIBITOR	18,000	115	SEE NOTE	CLEAR ACRYLIC LENS AND FRAME	120V, 4000K	EATON HBLEL SERIES	PHILIPS FBX SERIES	STANPRO L1FB SERIES	PROVIDE GALVANIZED STRUT ALONG UNDERSIDE OF O.W.S.J. TO SUPPORT LIGHT FIXTURES
S	STAIR LIGHT	COMMERCIAL GRADE STEEL BODY WITH MOLDED END PLATES	3,000	32	WALL/CEILING	OPAL ACRYLIC 180° UNIFORM LIGHT DISTRIBUTION	120V, DIMMING, 4000K	EATON BCLED SERIES	PHILIPS CUBELITE SERIES	STANPRO L2STL SERIES	
T	EXTERIOR WALL PACK	DIE CAST ALUMINUM, FULL CUT-OFF SILICONE GASKET SEALS FOR DOOR AND BACK BOX. LOW PROFILE	6,000	80	EXTERIOR WALL	IMPACT RESISTANT OPTICAL LENS. DARK SKY COMPLIANT	120V, 4000K	EATON COORSSTOUR SERIES	PHILIPS LYTEPRO SERIES	STANPRO FUWL SERIES	

NOTES:  
 1. THE MANUFACTURER SERIES IS INTENDED TO ESTABLISH A STANDARD OF QUALITY AND PERFORMANCE. THE EXACT MODEL SELECTION MUST MEET OR EXCEED THE CRITERIA OUTLINED IN THE SCHEDULE.

amec foster wheeler



C	ISSUED FOR TENDER	JUN 28 2017
B	ISSUED FOR 99% REVIEW	MAY 25 2017
A	ISSUED FOR CLIENT REVIEW	APR 28 2017

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