

BEGHELLI STORAGE SOLUTION - PHOTOMETRIC LAYOUT



BS101LEDECO4



SLLED



SWL



BBX



XLP-LED1



PEH-1

SHEET #	SHEET NAME
1	BEGHELLI STORAGE SOLUTION - BS101LEDECO4LO - PHOTOMETRIC LAYOUT - LUMINAIRE LOCATIONS & SCHEDULE. CALCULATION POINTS & SUMMARY. RENDERING
2	BEGHELLI STORAGE SOLUTION - BS101LEDECO4HO - PHOTOMETRIC LAYOUT - LUMINAIRE LOCATIONS & SCHEDULE. CALCULATION POINTS & SUMMARY. RENDERING
3	BEGHELLI STORAGE SOLUTION - SLLED - PHOTOMETRIC LAYOUT - LUMINAIRE LOCATIONS & SCHEDULE. CALCULATION POINTS & SUMMARY. RENDERING
4	BEGHELLI STORAGE SOLUTION - SWL - PHOTOMETRIC LAYOUT - LUMINAIRE LOCATIONS & SCHEDULE. CALCULATION POINTS & SUMMARY. RENDERING
5	BEGHELLI STORAGE SOLUTION - BBX - EMERGENCY LAYOUT - LUMINAIRE LOCATIONS & SCHEDULE. CALCULATION POINTS & SUMMARY. RENDERING
6	BEGHELLI STORAGE SOLUTION - XLP - EMERGENCY LAYOUT - LUMINAIRE LOCATIONS & SCHEDULE. CALCULATION POINTS & SUMMARY. RENDERING
7	BEGHELLI STORAGE SOLUTION - PEH-1 - EMERGENCY LAYOUT - LUMINAIRE LOCATIONS & SCHEDULE. CALCULATION POINTS & SUMMARY. RENDERING

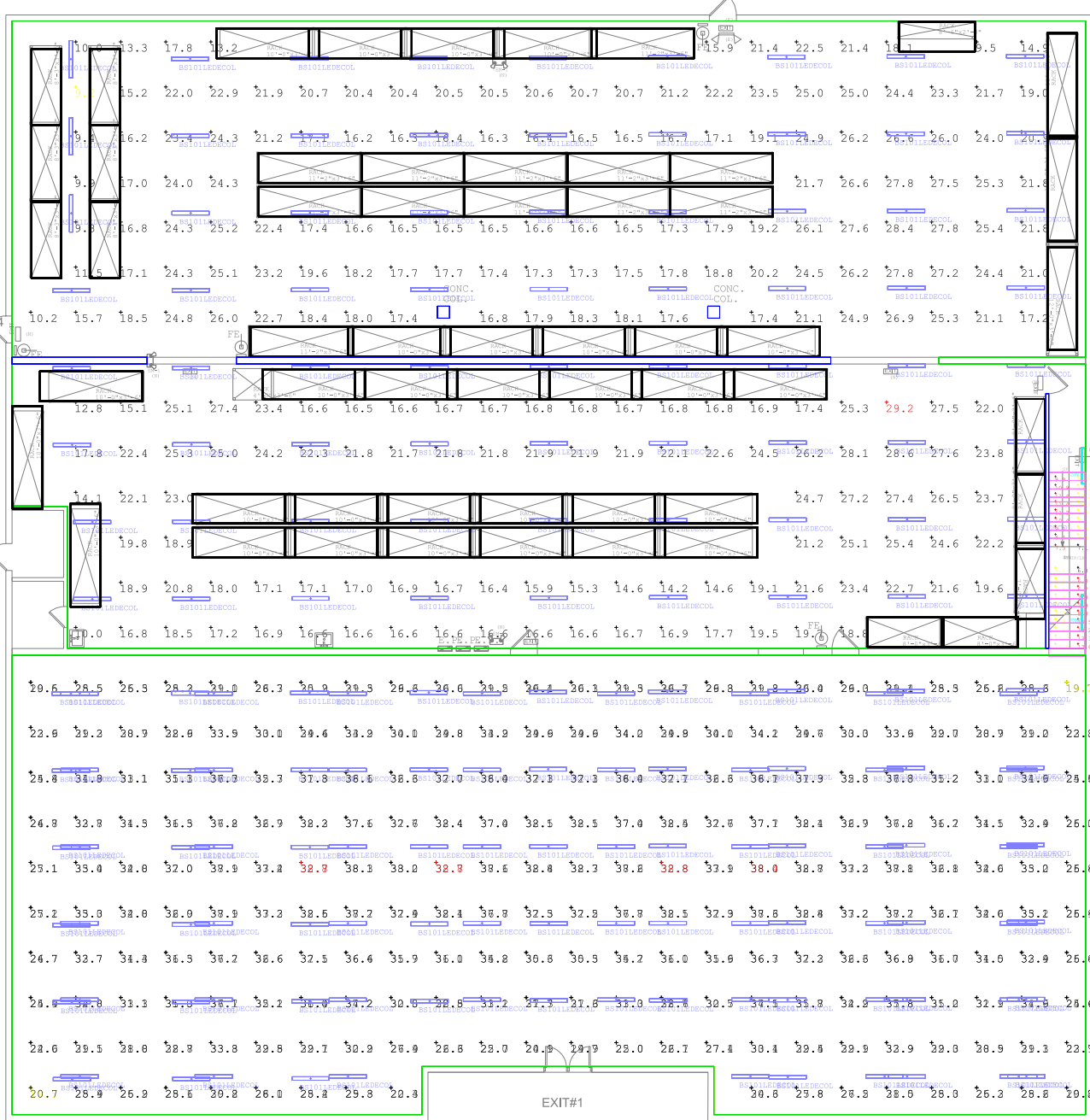
BS101LEDECO + SWL

Luminaire Schedule				
Label	Symbol	Description		
SWL		SWL4HT4941LMWT40120-277V		
BS101LEDECO		BS101LEDECO4HTLOWT40120-277V		
Qty	Lum. Watts	Lum. Lumens	LLF	MH
2	34	4941	0.900	7.5'
169=51 front+ 46 second+72 back	35	4875	0.900	26.0' / 10.0

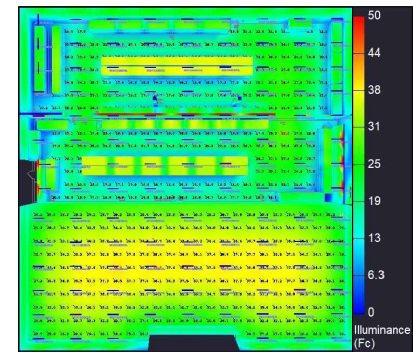
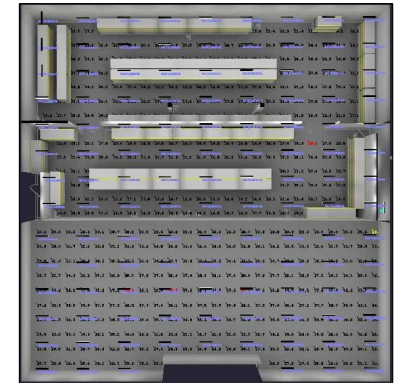
02 STORAGE SOLUTION- LUMINAIRE SCHEDULE
NTS

Calculation Summary						
Label	Units	Avg	Max	Min	Avg/Min	Max/Min
SECOND FLOOR	Fc	32.87	38.8	19.2	1.71	2.02
WAREHOUSE BACK	Fc	20.07	29.2	9.2	2.18	3.17
WAREHOUSE FRONT	Fc	30.94	38.4	19.5	1.59	1.97
STAIRS	Fc	9.19	13.6	6.1	1.51	2.23

03 STORAGE SOLUTION- CALCULATION SUMMARY
NTS



01 STORAGE SOLUTION- LUMINAIRE LOCATION & CALCULATION POINTS
NTS



04 STORAGE SOLUTION- RENDERING
NTS

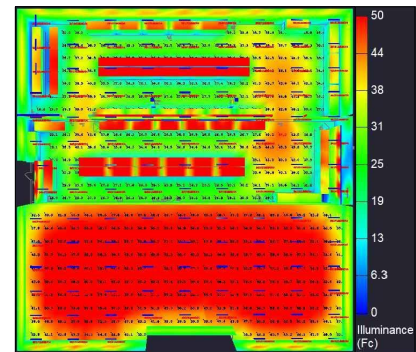
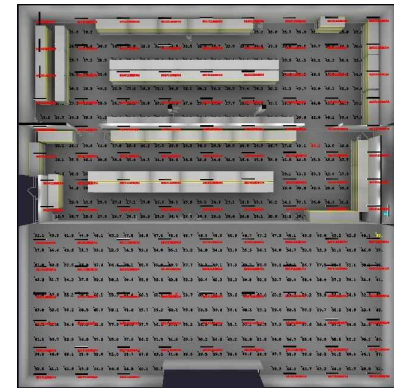
BS101LEDECO + SWL

Luminaire Schedule				
Label	Symbol	Description		
SWL		SWL4HT4941LMWT40120-277V		
BS101LEDECO		BS101LEDECO4HTHOWT40120-277V		
Qty	Lum. Watts	Lum. Lumens	LLF	MH
2	34	4941	0.900	7.5'
169=51 front+ 46 second+72 back	55	7727	0.900	26.0' / 10.0

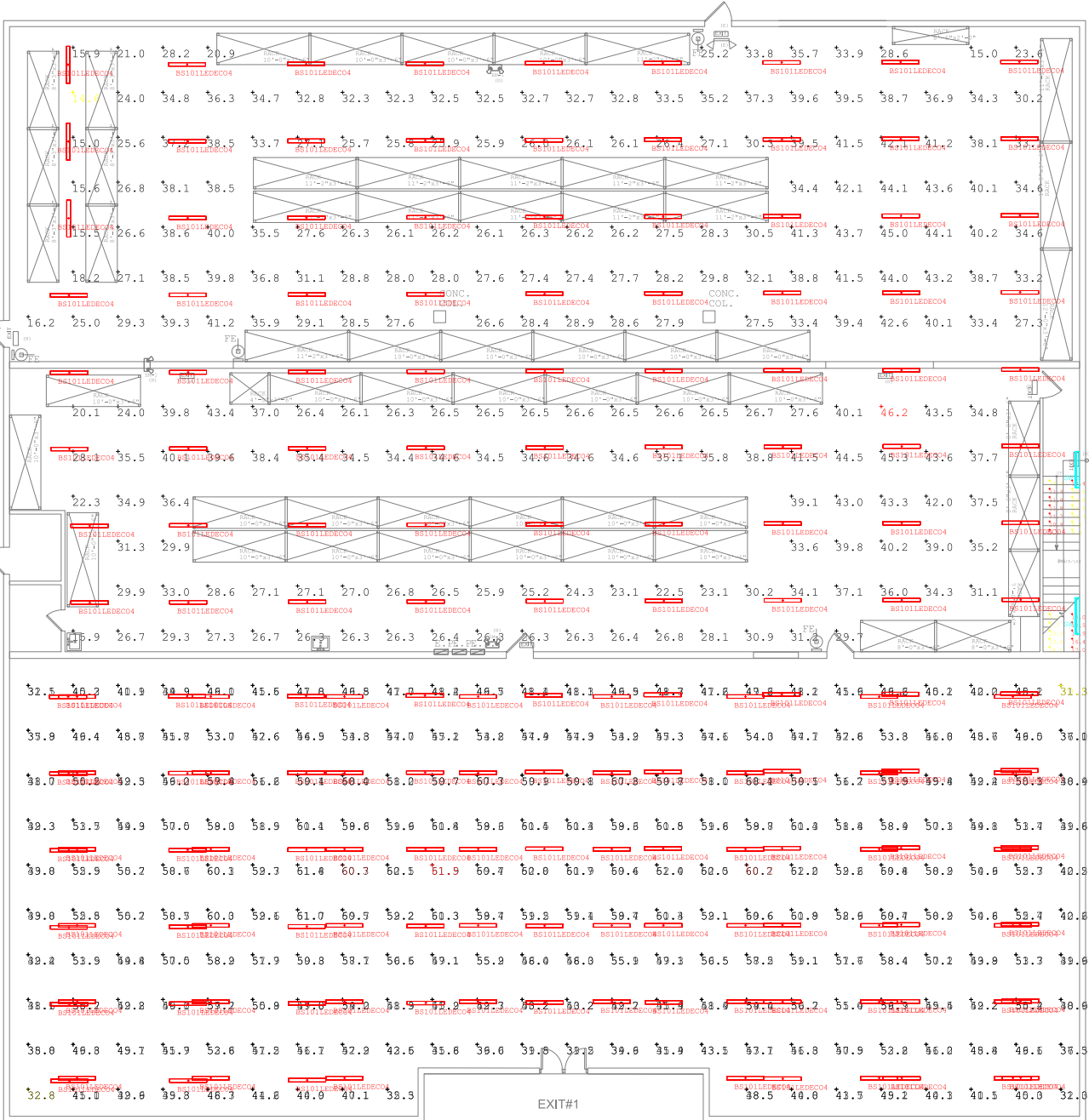
02 STORAGE SOLUTION- LUMINAIRE SCHEDULE NTS

Calculation Summary						
Label	Units	Avg	Max	Min	Avg/Min	Max/Min
SECOND FLOOR	Fc	52.09	61.5	30.5	1.71	2.02
WAREHOUSE BACK	Fc	31.80	46.2	14.6	2.18	3.16
WAREHOUSE FRONT	Fc	49.02	60.7	31.0	1.58	1.96
STAIRS	Fc	10.13	17.0	6.6	1.53	2.58

03 STORAGE SOLUTION- CALCULATION SUMMARY NTS



04 STORAGE SOLUTION- RENDERING NTS



01 STORAGE SOLUTION- LUMINAIRE LOCATION & CALCULATION POINTS NTS

EXIT#1

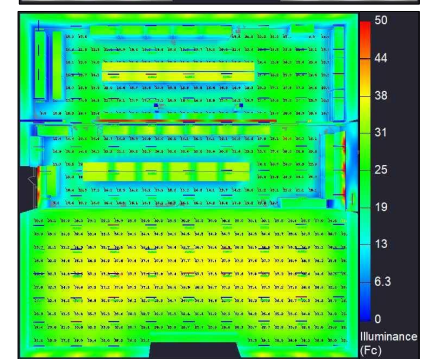
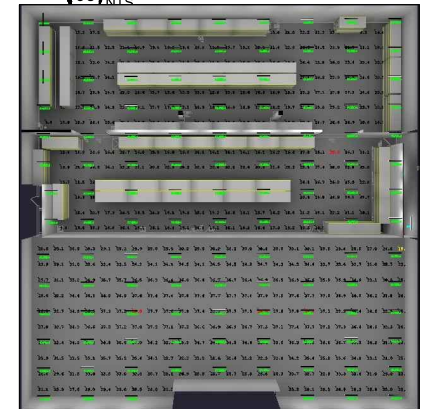
SLLED + SWL

Luminaire Schedule				
Label	Symbol	Description		
SWL		SWL4HT4941LMWT40120-277V		
SLSEL4		SLSEL4HT35WWT40120-277V		
Qty	Lum. Watts	Lum. Lumens	LLF	MH
2	34	4941	0.900	7.5'
169=51 front+ 46 second+72 back	35.3	5203	0.900	26.0' / 10.0

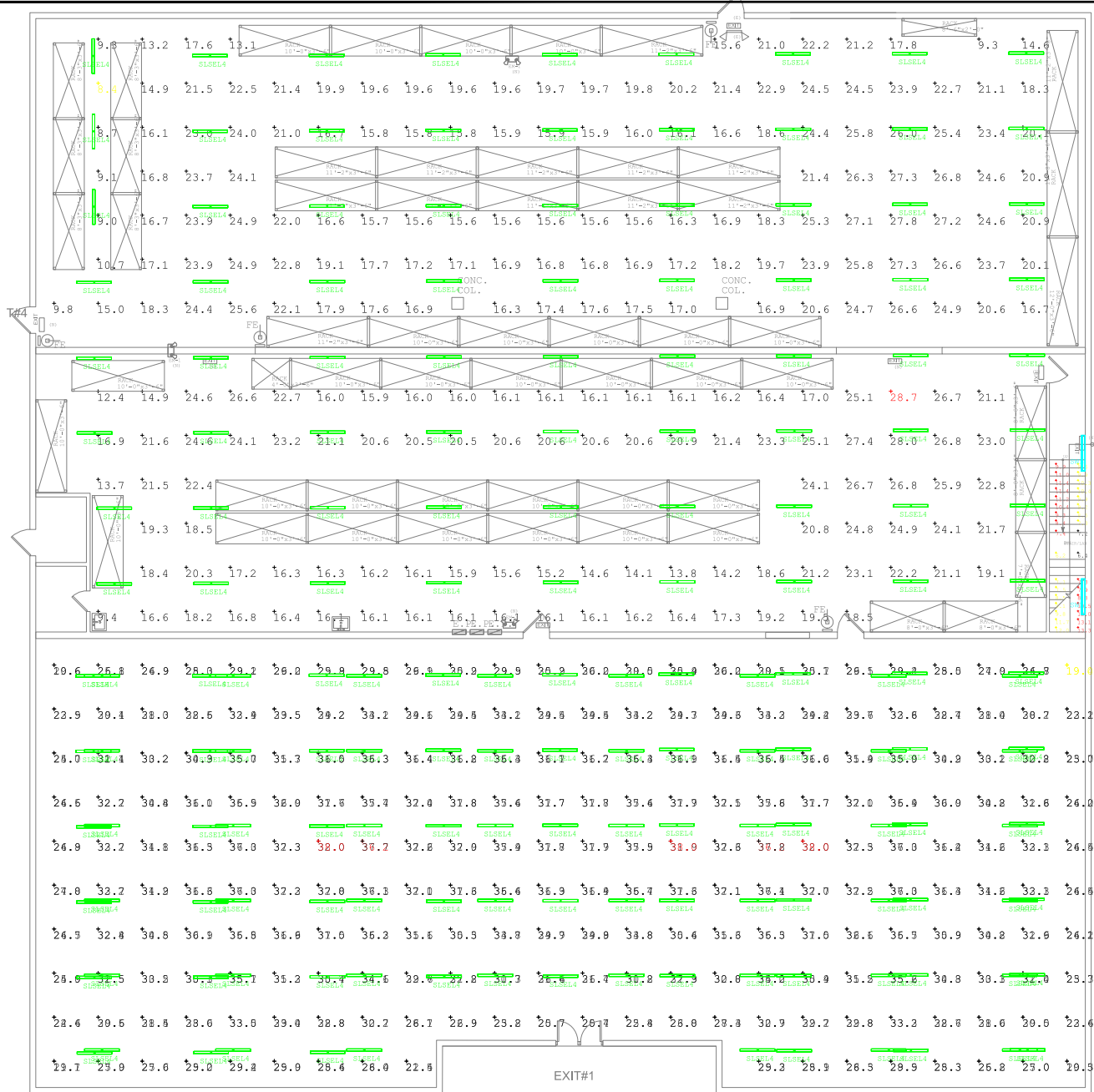
02 STORAGE SOLUTION- LUMINAIRE SCHEDULE
NTS

Calculation Summary						
Label	Units	Avg	Max	Min	Avg/Min	Max/Min
SECOND FLOOR	Fc	32.78	38.0	19.0	1.73	2.00
WAREHOUSE BACK	Fc	19.48	28.7	8.4	2.32	3.42
WAREHOUSE FRONT	Fc	30.02	36.2	19.4	1.55	1.87
STAIRS	Fc	9.21	13.3	6.2	1.49	2.15

03 STORAGE SOLUTION- CALCULATION SUMMARY
NTS



04 STORAGE SOLUTION- RENDERING
NTS



01 STORAGE SOLUTION- LUMINAIRE LOCATION & CALCULATION POINTS
NTS

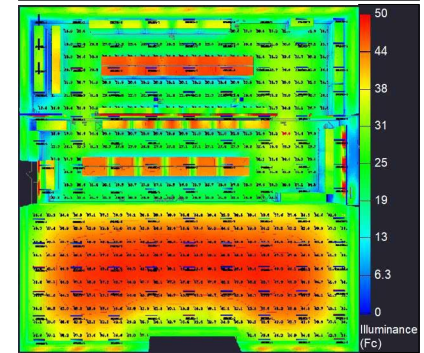
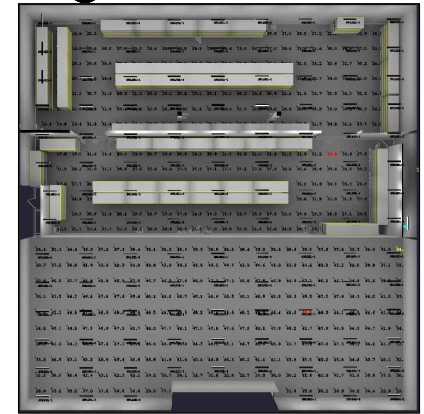
SWED + SWL

Luminaire Schedule				
Label	Symbol	Description		
SWL		SWL4HT4941LMWT40120-277V		
SWL-1		SWL4HT6499LMWT40120-277V		
Qty	Lum. Watts	Lum. Lumens	LLF	MH
2	34	4941	0.900	7.5'
169=51 front+ 46 second+72 back	46	6499	0.900	26.0' / 10.0

02 STORAGE SOLUTION- LUMINAIRE SCHEDULE
NTS

Calculation Summary						
Label	Units	Avg	Max	Min	Avg/Min	Max/Min
SECOND FLOOR	Fc	42.13	49.0	24.6	1.71	1.99
WAREHOUSE BACK	Fc	24.95	36.8	11.0	2.27	3.35
WAREHOUSE FRONT	Fc	39.05	47.6	25.3	1.54	1.88
STAIRS	Fc	10.49	17.3	6.6	1.59	2.62

03 STORAGE SOLUTION- CALCULATION SUMMARY
NTS



04 STORAGE SOLUTION- RENDERING
NTS



01 STORAGE SOLUTION- LUMINAIRE LOCATION & CALCULATION POINTS
NTS

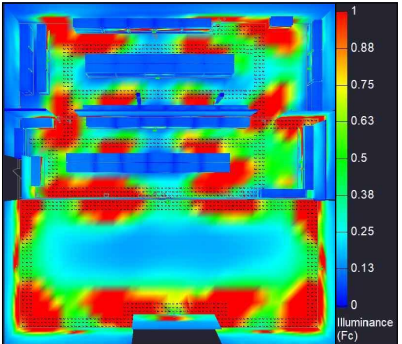
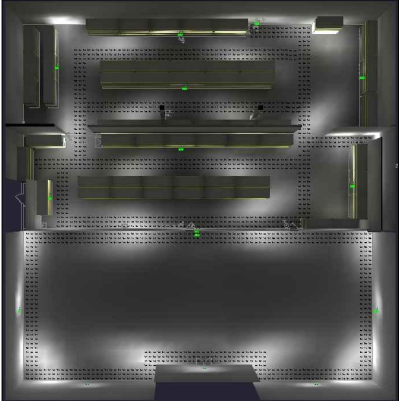
BBX

Luminaire Schedule				
Label	Symbol	Description		
BBX		BBX-HO-SE		
Qty	Lum. Watts	Lum. Lumens	LLF	MH
16=6 front+10 back	5.4 per head	1312 (656 x 2)	0.900	7.5'

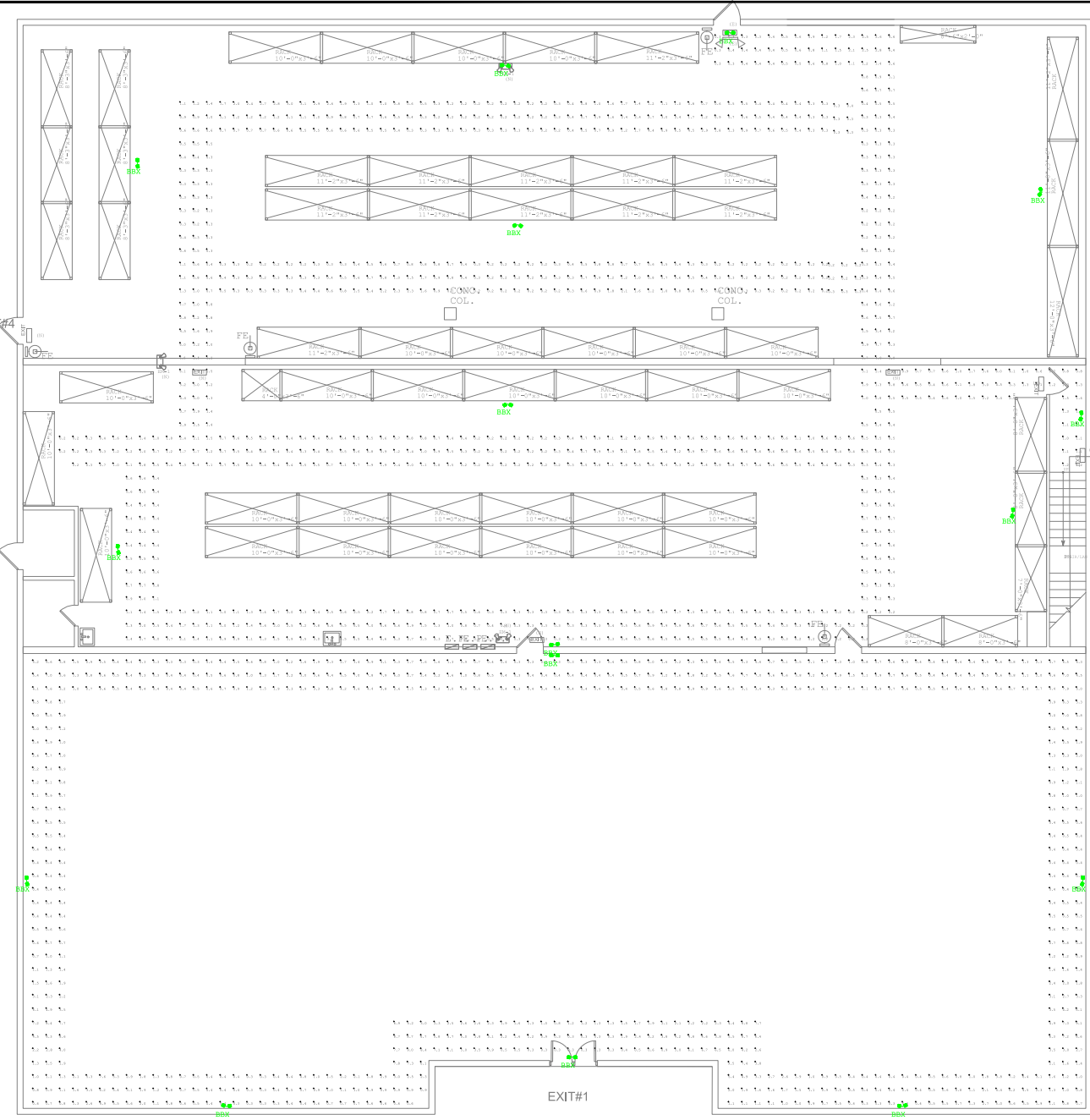
02 STORAGE SOLUTION- LUMINAIRE SCHEDULE
NTS

Calculation Summary						
Label	Units	Avg	Max	Min	Avg/Min	Max/Min
WAREHOUSE BACK	Fc	0.98	7.0	0.2	4.90	35.00
WAREHOUSE FRONT	Fc	2.02	9.5	0.3	6.73	31.67

03 STORAGE SOLUTION- CALCULATION SUMMARY
NTS



04 STORAGE SOLUTION- RENDERING
NTS



01 STORAGE SOLUTION- LUMINAIRE LOCATION & CALCULATION POINTS
NTS

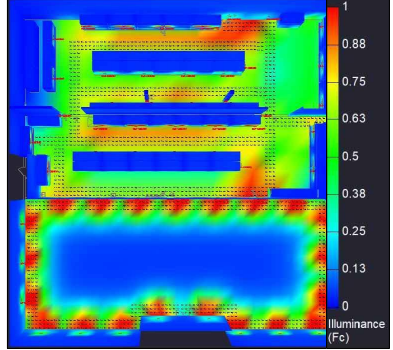
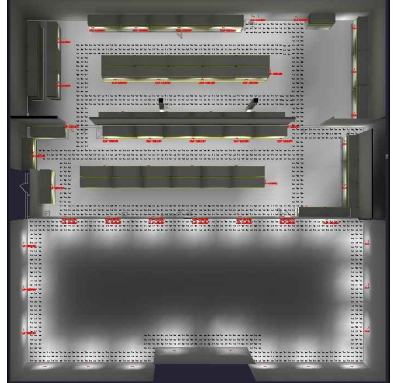
XLP

Luminaire Schedule				
Label	Symbol	Description		
XLPLED		XLP-LED2 HO/3.6V 2W		
Qty	Lum. Watts	Lum. Lumens	LLF	MH
69=21 front+48 back	1.6 per head	130 (65 x 2)	0.900	7.5'

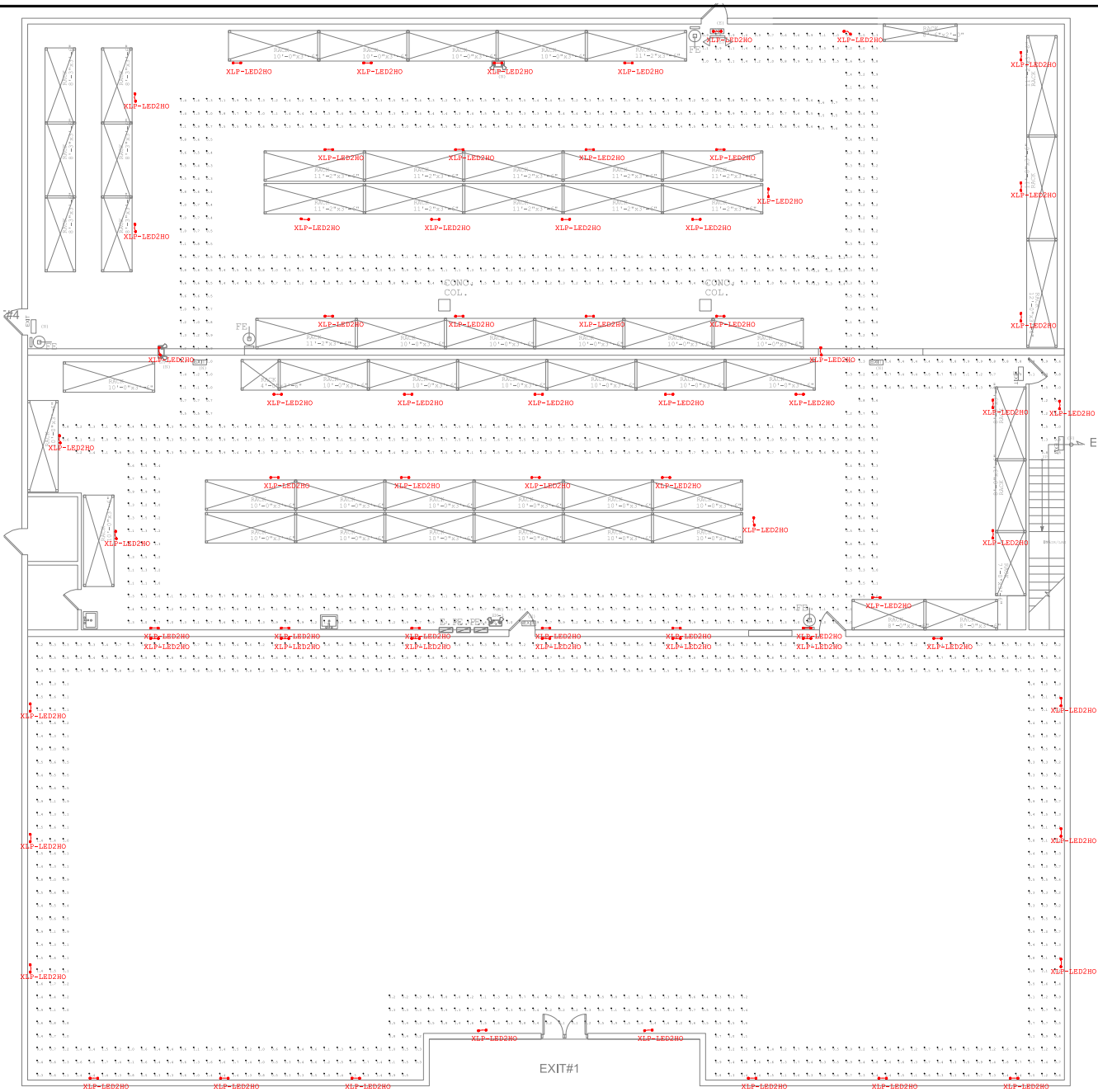
02 STORAGE SOLUTION- LUMINAIRE SCHEDULE
NTS

Calculation Summary						
Label	Units	Avg	Max	Min	Avg/Min	Max/Min
WAREHOUSE BACK	Fc	0.98	1.9	0.2	4.90	9.5
WAREHOUSE FRONT	Fc	0.96	2.1	0.1	9.6	21.00

03 STORAGE SOLUTION- CALCULATION SUMMARY
NTS



04 STORAGE SOLUTION- RENDERING
NTS



01 STORAGE SOLUTION- LUMINAIRE LOCATION & CALCULATION POINTS
NTS

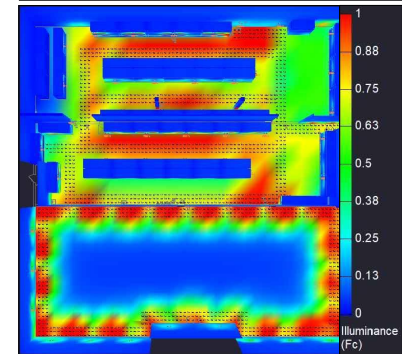
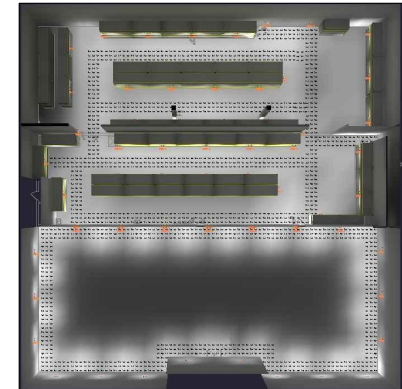
PEH-1

Luminaire Schedule				
Label	Symbol	Description		
PEH-1		PEH-1 & PEH-1-RC		
Qty	Lum. Watts	Lum. Lumens	LLF	MH
69=21 front+48 back	1.5 per head	144 (72 x 2)	0.900	7.5'

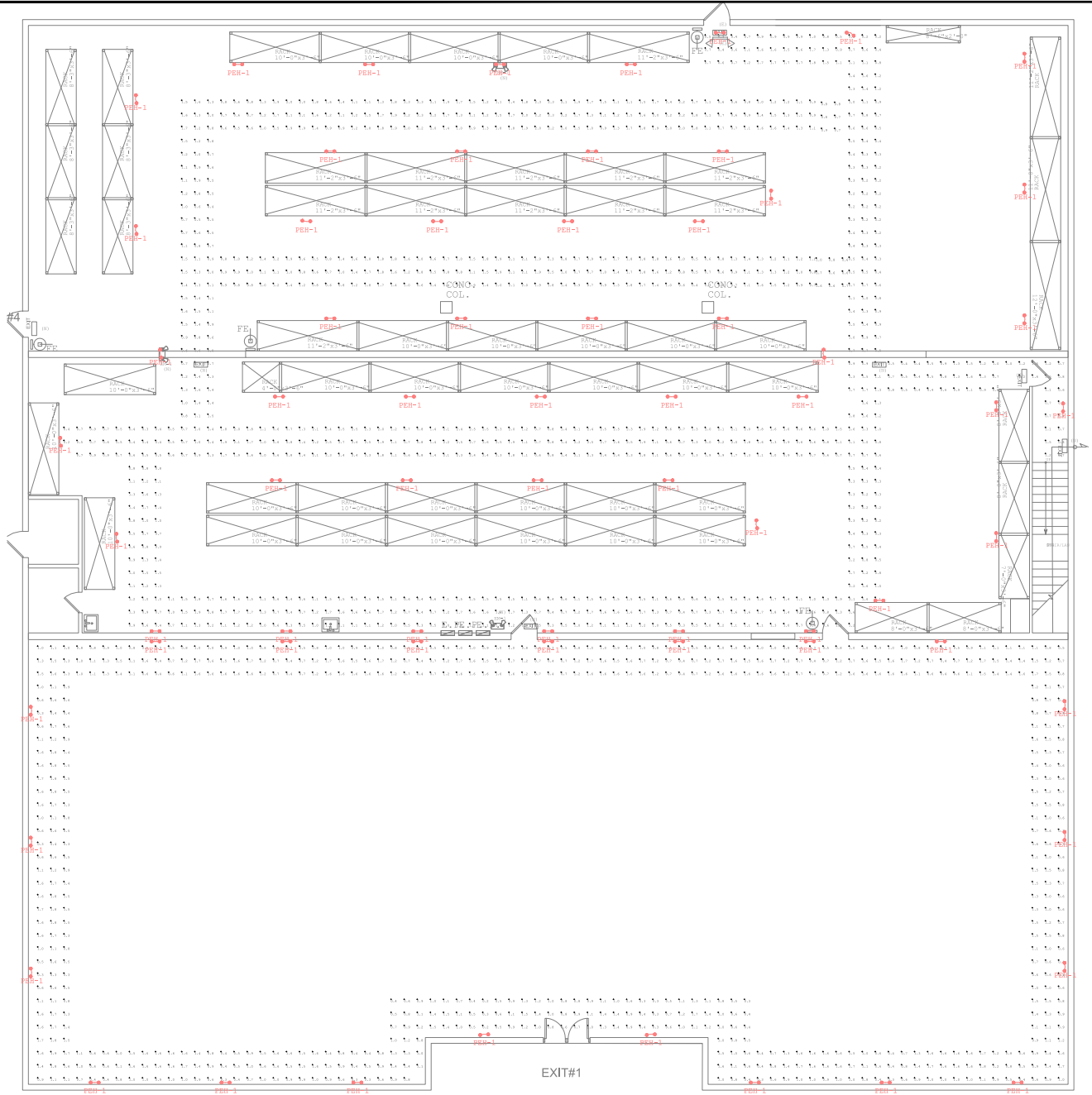
02 STORAGE SOLUTION- LUMINAIRE SCHEDULE NTS

Calculation Summary						
Label	Units	Avg	Max	Min	Avg/Min	Max/Min
WAREHOUSE BACK	Fc	1.17	2.7	0.2	5.85	13.50
WAREHOUSE FRONT	Fc	1.04	1.9	0.2	5.20	9.50

03 STORAGE SOLUTION- CALCULATION SUMMARY NTS



04 STORAGE SOLUTION- RENDERING NTS



01 STORAGE SOLUTION- LUMINAIRE LOCATION & CALCULATION POINTS NTS

BEGHELLI STORAGE SOLUTION

PARAMETERS	LIGHT FIXTURE						
	BS101LEDECOLO + SWL	BS101LEDECOHO + SWL	SLLED + SWL	SWL + SWL	BBX	XLPLED	PEH-1
WATTAGE (W)	35.0	55.0	35.3	46.0	10.8	3.2	3.0
LUMEN OUTPUT (lm)	4874	7727	5203	6499	1312	130	144
EFFICACY (lm/W)	139	140	147	141	121	41	48
FIXTURE QUANTITY (units)	72	72	72	72	10	48	48

TYPE OF APPLICATION	REQUIRED		CALCULATED						
	WAREHOUSE	AVERAGE (fc)	20 - 50	20.0	32.0	19.5	25.0		
MIN (fc)		1.0	9.2	14.6	8.4	11.0			
STAIRS	AVERAGE (fc)	1.0	9.2	10.1	9.2	10.5			
	MIN (fc)	0.1	6.1	6.6	6.2	6.6			
EMERGENCY	AVERAGE (fc)	1.0					1.0	1.0	1.0
	MIN (fc)	0.1					0.2	0.1	0.2
	MAX/MIN	X < 40					35.0	21.0	9.5