



**Outline Scope of Work**

**Installation Building Name:** Bloedel Conservatory  
**Installation Address:** Queen Elizabeth Park, 4600 Cambie St., Vancouver, BC  
**Revision Date:** July 6, 2018

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Seq #	Floor	Area Name	EXISTING					LIGHTING UPGRADE					
			Luminaire Description	Luminaire Quantity	Ballast Type	Lamps / Luminaire	Lamp Type	Type	Lamp	Luminaire Description	Control Type	# Controls	Additional Work to be included
1	Main	Conservatory Area - Dome Perimeter	Small Flood	54	Magnetic	1	MH150W	S50CB	N/A	Philips: Intellihue Blasts, Powercore 50W fixture and Color Changing System Supplied and Installed	no change		Commissioning & Training by Representative of Manufacturer
2	Main	Conservatory Area - Dome Perimeter - New		10				S50CB	N/A	Philips: Intellihue Blasts, Powercore 50W fixture and Color Changing System Supplied and Installed	no change		Commissioning & Training by Representative of Manufacturer
3	Main	Main Entrance	10' Downlight	2		1	INC. 100W (A19)	P5B1	N/A	New: 6" Diameter LED Downlight Retrofit (wet location) 1000-1200 lumens with mounting plate	no change		Industrial Plastics: 3/8" thick, 11.5" diam Comacel Square Plate with 4-1/16" diameter centre hole, white, w/ x4 0.1875" diam (0.310" counter bore) pre-drilled holes
4	Main	Main Entrance	10" Downlight	2	Magnetic	1	HPS 50W	P5B1	N/A	New: 6" Diameter LED Downlight Retrofit (wet location) 1000-1200 lumens with mounting plate	no change		Industrial Plastics: 3/8" thick, 11.5" diam Comacel Square Plate with 4-1/16" diameter centre hole, white, w/ x4 0.1875" diam (0.310" counter bore) pre-drilled holes
5	Main	Main Entrance	10' Downlight	4	Magnetic	2	CFL-13W-GX23-Quad, 2-pin-Mag	P5B1	N/A	New: 6" Diameter LED Downlight Retrofit (wet location) 1000-1200 lumens with mounting plate	no change		Industrial Plastics: 3/8" thick, 11.5" diam Comacel Square Plate with 4-1/16" diameter centre hole, white, w/ x4 0.1875" diam (0.310" counter bore) pre-drilled holes
6	Main	Cashier Kiosk	6" Downlight	5		1	CFL-13W (screw-in)	P5B	N/A	New: 6" Diameter LED Downlight Retrofit (wet location) 1000-1200 lumens	no change		
7	Main	Counter Product Display	2' Strip	9		1	F14T5 (21.6")	W20	N/A	No Change	no change		
8	Main	Staff/Break Room	1X4 Fluorescent	6	Electronic	2	4FT (F32T8)-32W	R10-LED-NBF	F32T8LED-10.0W	Retrofit: T8 HE ballast, F32T8 LED lamps (2)	CT5 - WideView OS (& PP)-120V	1	
9	Main	Administrator Office	1X4 Fluorescent	2	Electronic	2	4FT (F32T8)-32W	R10-LED-NBF	F32T8LED-10.0W	Retrofit: T8 HE ballast, F32T8 LED lamps (2)	no change		
10	Main	Administrator Office	2X4 Fluorescent	2	Electronic	3	4FT (F32T8)-32W	R10-LED-NBF	F32T8LED-10.0W	Retrofit: T8 HE ballast, F32T8 LED lamps (2)	no change		
11	Main	Work Shop Area	4' Industrial	4	Electronic	2	4FT (F32T8)-32W	R10-LED-NBF	F32T8LED-10.0W	Retrofit: T8 HE ballast, F32T8 LED lamps (2)	no change		
12	Main	Work Shop Area	4' Industrial	3	Electronic	2	4FT (F32T8)-32W	R10-LED-NBF	F32T8LED-10.0W	Retrofit: T8 HE ballast, F32T8 LED lamps (2)	no change		
13	Main	Boiler Rm	4' Industrial	13	Electronic	2	4FT (F32T8)-32W	R10-LED-NBF	F32T8LED-10.0W	Retrofit: T8 HE ballast, F32T8 LED lamps (2)	CT10 - Programmable Timer Switch 12hr-120V	1	
14	Main	Washroom	1X4 Fluorescent	1	Electronic	2	4FT (F32T8)-32W	R10-LED-NBF	F32T8LED-10.0W	Retrofit: T8 HE ballast, F32T8 LED lamps (2)	no change		
15	Main	Washroom	Wall Sconce	1		1	INC. 60W (A19)	L24C	N/A	LED: 14W Dimmable (A21 retrofit) 2200-2700K	no change		
16	Main	Electrical Vault	1X4 Fluorescent	1	Electronic	2	4FT (F32T8)-32W	R10-LED-NBF	F32T8LED-10.0W	Retrofit: T8 HE ballast, F32T8 LED lamps (2)	no change		
17	Main	Conservatory Area	2' Bollards	6		1	50W (PAR20)	L25	N/A	LED: 7W Dimmable (R20 and PAR20 retrofit, 25 deg, 2700K)	no change		
18	Main	Conservatory Area - W/R Shelter	Track Head	3		1	CFL-26W (screw-in)	L25	N/A	LED: 7W Dimmable (R20 and PAR20 retrofit, 25 deg, 2700K)	no change		
19	Main	Men's W/R	2X4 Fluorescent	1	Electronic	4	4FT (F32T8)-32W	R10-LED-NBF	F32T8LED-10.0W	Retrofit: T8 HE ballast, F32T8 LED lamps (2)	no change		
20	Main	Men's W/R	1X4 Fluorescent	2	Electronic	2	4FT (F32T8)-32W	R10-LED-NBF	F32T8LED-10.0W	Retrofit: T8 HE ballast, F32T8 LED lamps (2)	no change		
21	Main	Women's W/R	2X4 Fluorescent	1	Electronic	4	4FT (F32T8)-32W	R10-LED-NBF	F32T8LED-10.0W	Retrofit: T8 HE ballast, F32T8 LED lamps (2)	no change		
22	Main	Women's W/R	1X4 Fluorescent	2	Electronic	2	4FT (F32T8)-32W	R10-LED-NBF	F32T8LED-10.0W	Retrofit: T8 HE ballast, F32T8 LED lamps (2)	no change		
23	Exterior	Service Entrance	Wall Pack	1	Magnetic	1	HPS 100W	S2	N/A	New: LED Wall Pack (small) with full cutoff 120-277V	no change		
24	Exterior	Service Entrance	Round Surface Mount	2		1	INC. 100W (A19)	P5B	N/A	New: 6" Diameter LED Downlight Retrofit (wet location) 1000-1200 lumens	no change		
		last line											