

ROI Benchmarking – Interior Shading & Lighting Integration

Project	Floor area (m x m)	# of floors	Total area (m ²)	Location	WWR (%)	Load Savings	Energy Savings	Controls Cost	ROI
Concordia	80 x 62	16	79360	Montreal	70%	153,000	46,000	432,000	6 yrs
Corus	94 x 87	8	65500	Toronto	70%	81,500	47,250	432,000	7.5 yrs
RBC Podium	82 x 62	8	40000	Toronto	85%	40,000	30,300	260,640	7.3 yrs
Midland	55 x 22	20	24200	Columbus, OH	60%	Retrofit	51,000	534,000	10.5 yrs
UQAM	120 X 20	7	16800	Montreal	70%	41,800	11,500	184,800	8.6 yrs
Honda	100 x 30	5	15000	Toronto	60%	21,700	11,000	140,700	9.1 yrs
Moraine Valley	120 x 35	2	8400	Moraine, IL	40%	9,000	2,370	33,600	10.4 yrs
CUPE	28 x 32	5	4500	Ottawa	25%	11,500	900	24,000	14 yrs
Holy Blossom	60 x 18	4	4320	Toronto	50%	12,160	3,800	41600	21.7 yrs

• Assumption of Lighting Controls