






**121 HUME STREET.
COLLINGWOOD
RUDY & ASSOCIATES**

**FIXTURE OPTIONS
PHOTOMETRIC DESIGN**

Project Location/Name	:	121 Hume Street, Collingwood
Accompany document	:	Lighting – 121 Hume St v3-2, 2 nd submission.pdf
Contents of this report	:	<p>Figure Reference</p> <p>(2 L1) Estimated current light levels with property outline.</p> <p>(1 L2) Proposed building lighting layout with photometric results and point calculations. DSXW1 & “generic fixtures” considered.</p> <p>2 x (Parking) Lot photometric results (north & west) show ave. light level above min of 5 lux (IESNA) recommendation for “Safety” in providing enough light for facial recognition either by camera or pedestrian.</p> <p>2 x (Spill Over) photometrics compare (with and without) existing street lighting to show minimal impact of proposed design.</p> <p>Supplementary to photometric layout included below are additional architectural fixture options. Options correspond to drawing designations by [(letter) (#)]. This list was narrowed from thousands of options based on meeting Town and Ontario Electrical Code requirements including but not exclusive to;</p> <ul style="list-style-type: none">*ida* dark sky compliantDLC listedc(UL) listedOutdoor rated <p>It is our opinion fixtures selected are suitable aesthetically for the rendering of the building provided. These fixtures are also reasonably priced, that is, the look, durability, light quality which one would expect in the (x < \$1,000/fixture) range. They are produced by credible manufacturers, expected to be in use for its designed lifespan of 20 years (stated generally by manufacturers in spec sheets), common warranties are 5 years.</p> <p>Lead times to be expected are 10-16 weeks for non-stock orders, *ida* compliant fixtures tend not to be stock.</p>
Lighting Layout by	:	JEFF DAWSON, EIT
Lighting Options Report by	:	JEFF DAWSON, EIT
Reviewed by	:	MIKE DAWSON, CET, LEL



Manufacturer Lithonia			
Model # (Pole Light)	DSX0 – Series 0 Pole Mount	DSXW1 – Series 1 Pole Mount	
Model # (Wall Pack)	DSXW1 – Series 1 Wall Mount	WDGE – Series 1 or 2 Wall Mount	WPX Series 1 or 2 Wall Mount
Check List	*ida* Dark Sky Compliant	DLC listed for energy efficient	c(UL) Listed
Available Colours	Black, Grey, Bronze, *Custom		

	DSX0 – Pole Mount	DSXW1 – Wall Pack	WDGE – Wall Pack (Option2)	WPX – Wall Pack (Option3)
				
Layout Fixture Ref#	B	A, B, C, D, G (Used in Photometric)	A, C, D, (G series 1)	A, C, D, (G series 1)

Manufacturer	Hubbell		
Model # (Pole Light)	Altitude – Series 1 Pole Mount		
Model # (Wall Pack)	GeoPak TRP1 Wall Mount		
Check List	*ida* Dark Sky Compliant	DLC listed for energy efficient	c(UL) Listed
Available Colours	Black, Dark Bronze, Light Grey, Silver, White, *Custom		

	Altitude Series 1 – Pole Mount	GeoPak TRP1
		
Layout Fixture Ref#	B	A, C, D, G

Manufacturer	Cooper-Eaton Family		
Model # (Pole Light)	Lumark AXCent square Pole Mount		
Model # (Wall Pack)	Lumark AXCent Wall Mount		
Check List	*ida* Dark Sky Compliant	DLC listed for energy efficient	c(UL) Listed
Available Colours	Bronze (Standard), Black, White, Metallic Grey, Titanium Grey, *Custom		

	Lumark AXCent Pole Mount (Option2)	Lumark AXCent Wall Mount
		
Layout Fixture Ref#	B	A, C, D, G

Generic Fixture

Model # (Wall Pack) GE EWLS 15W Wall Mount

Check List *ida* Dark Sky Compliant DLC listed for energy efficient c(UL) Listed

Available Colours Bronze (Standard)

	<p>GE EWLS 15W Wall Mount</p> 
<p>Layout Fixture Ref#</p>	<p>G</p> <p>*used for modeling light levels as sign lighting is to be determined.</p>