

Address:		BD Ref. No.								
Building Type / Use :		Resident's Recreational Facilities								
OTTV calculated by		<input type="checkbox"/> 1. Registered Professional Engineers <input checked="" type="checkbox"/> 2. Architect <input type="checkbox"/> 3. Others, please specify:								
Classification		<input checked="" type="checkbox"/> Podium / <input type="checkbox"/> Tower								
No. of Storeys (RRF)		<b>4 (G/F to 5/F) excluding G/F and 4/F is omitted</b>								
Gross Floor Area		m <sup>2</sup>								
Usable Floor Area		m <sup>2</sup>								
Total External Wall Area (including windows)		<b>585.15</b> m <sup>2</sup>		Window to Wall Ratio						
Total Window Area		<b>252.45</b> m <sup>2</sup>		= <b>1 : 2.19</b>						
Total Skylight Area		<b>Nil</b> m <sup>2</sup>								
**Weighted Average U-value	Opaque Wall	<b>1.62</b> W/m <sup>2</sup>								
	Window	<b>2.1</b> W/m <sup>2</sup>								
	Opaque Roof	<b>0.525</b> W/m <sup>2</sup>								
	Skylight	<b>Nil</b> W/m <sup>2</sup>								
Window	Glass Type	<input type="checkbox"/> Reflective	Area=	m <sup>2</sup>	SC=	VLT=	%	ER=	%	
		<input checked="" type="checkbox"/> Tinted	Area=	<b>252.45</b> m <sup>2</sup>	SC=	<b>0.38</b>	VLT=	<b>43</b> %	ER=	<b>20</b> %
		<input type="checkbox"/> Clear	Area=	m <sup>2</sup>	SC=		VLT=	%	ER=	%
	Double Glazing	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No								
External Shading	Overhang <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No									
	Sidefin <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No									
Skylight	Glass Type	<input type="checkbox"/> Reflective	Area=	m <sup>2</sup>	SC=	VLT=	%	ER=	%	
		<input type="checkbox"/> Tinted	Area=	m <sup>2</sup>	SC=	VLT=	%	ER=	%	
		<input type="checkbox"/> Clear	Area=	m <sup>2</sup>	SC=	VLT=	%	ER=	%	
	Double Glazing	<input type="checkbox"/> Yes <input type="checkbox"/> No								
	External Shading	<input type="checkbox"/> Yes <input type="checkbox"/> No								
		<input type="checkbox"/> Yes <input type="checkbox"/> No								
**Weighted Average Absorptivity	Wall	<b>0.74</b>								
	Roof	<b>0.65</b>								
**Weighted Average Density	Wall	<b>995.15</b> kg/m <sup>2</sup>								
	Roof	<b>183.75</b> kg/m <sup>2</sup>								
OTTV <sub>RRF</sub>	Wall	<b>33.97</b> W/m <sup>2</sup>								
	Roof	<b>4.43</b> W/m <sup>2</sup>								
	Overall Average	<b>33.12</b> W/m <sup>2</sup>								

Notes:  
 ER = External Reflectance  
 SC = Shading Coefficient  
 VLT = Visible Light Transmittance  
 \*\* Weighted by area  
 Window and skylight data should represent the major proportion of its use in the development.