

OTTV of Resident's Recreational Facilities Summary Sheet

Address: Proposed Composite Building at Nos. 58-68, Ma Tau Wai Road, Kowloon		BD Ref. No.			
Building Type / Use :		Resident's Recreational Facilities			
OTTV calculated by		<input type="checkbox"/> 1. Registered Professional Engineers <input 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)		1			
Gross Floor Area		m <sup>2</sup>			
Usable Floor Area		m <sup>2</sup>			
Total External Wall Area (including windows)		79.87	m <sup>2</sup>	Window to Wall Ratio	
Total Window Area		18.67	m <sup>2</sup>	= 0.234	
Total Skylight Area		0	m <sup>2</sup>		
**Weighted Average U-value	Opaque Wall	2.96	W/m <sup>2</sup>		
	Window	5.34	W/m <sup>2</sup>		
	Opaque Roof		W/m <sup>2</sup>		
	Skylight		W/m <sup>2</sup>		
Window	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 checked="" type="checkbox"/> Clear	Area= 18.67 m <sup>2</sup>	SC= 1.02	VLT= 91 % ER= %
	Double Glazing	<input type="checkbox"/> Yes <input checked="" 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			
**Weighted Average Absorptivity	Wall	0.8			
	Roof				
**Weighted Average Density	Wall	748.5	kg/m <sup>2</sup>		
	Roof				
OTTV <sub>RRF</sub>	Wall	48.28	W/m <sup>2</sup>		
	Roof				
	Overall Average	48.28	W/m <sup>2</sup>		

ER = External Reflectance; SC = Shading coefficient & VLT = Visible Light Transmittance

\*\* Weighted by area

Notes :

1. Please tick in the box as appropriate
2. Window and skylight data should represent the major proportion of its use in the development.