



# OTTV of Resident's Recreational Facilities Summary Sheet

PNAP  
**APP-156**  
Appendix **B**

Address: 178 Hing Fong Road, Kwai Chung, N.T.						BD Ref. No. 2/9038/15			
Building Type / Use :		Resident's Recreational Facilities							
OTTV calculated by		<input checked="" 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)		1							
Gross Floor Area		262.071 m <sup>2</sup>							
Usable Floor Area		218 m <sup>2</sup>							
Total External Wall Area (including windows)		348.71 m <sup>2</sup>				Window to Wall Ratio			
Total Window Area		108.38 m <sup>2</sup>				= 0.31			
Total Skylight Area		0 m <sup>2</sup>							
**Weighted Average U-value	Opaque Wall	2.2 W/m <sup>2</sup>							
	Window	- W/m <sup>2</sup>							
	Opaque Roof	0 W/m <sup>2</sup>							
	Skylight	0 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= 160.27	m <sup>2</sup>	SC= 0.63	VLT= 44	%	ER= 7	%
		<input type="checkbox"/> Clear	Area=	m <sup>2</sup>	SC=	VLT=	%	ER=	%
	Double Glazing	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
	External Shading	Overhang <input checked="" type="checkbox"/> Yes <input 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 checked="" type="checkbox"/> No							
	External Shading	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
**Weighted Average Absorptivity	Wall	0.12							
	Roof	-							
**Weighted Average Density	Wall	440.5 kg/m <sup>2</sup>							
	Roof	0 kg/m <sup>2</sup>							
OTTV <sub>RRF</sub>	Wall	16.99 W/m <sup>2</sup>							
	Roof	0 W/m <sup>2</sup>							
	Overall Average	16.99 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.