

Tree Report of  
**42988**



Genus <b>Peltophorum</b>	Species <b>pterocarpum</b>	Common Name <b>Yellow flame</b>	Date of report <b>27th January, 2026</b>
Address <b>Jalan Kenyalang P9 G</b>	Position <b>2.9461458923521064, 101.67937801601556</b>		



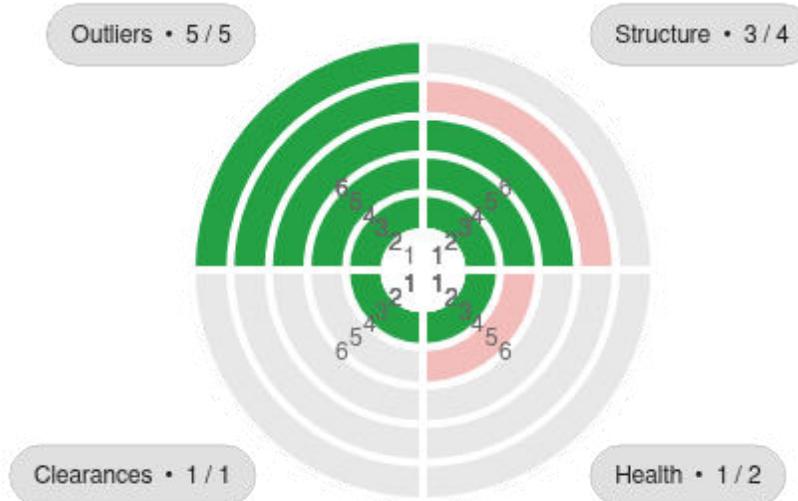
[Static map of tree location](#)



Tree Report of  
**42988**



Genus <b>Peltophorum</b>	Species <b>pterocarpum</b>	Common Name <b>Yellow flame</b>	Date of report <b>27th January, 2026</b>
Address <b>Jalan Kenyalang P9 G</b>	Position <b>2.9461458923521064, 101.67937801601556</b>		



#### Structural assessment

- ✗ Trunk stability (base)
- ✓ Crown Lean Angle
- ✓ Slenderness
- ✓ Dieback

#### Health & Vitality

- ✓ Dieback
- ✗ Foliage Transparency

#### Clearances

- ✓ Road

#### Outliers

- ✓ DBH vs Leaf Area
- ✓ Height vs Crown Volume
- ✓ DBH vs Height
- ✓ Leaf Area vs Crown Volume
- ✓ DBH vs Crown Volume

Tree Report of  
**42988**



Genus <b>Peltophorum</b>	Species <b>pterocarpum</b>	Common Name <b>Yellow flame</b>	Date of report <b>27th January, 2026</b>
Address <b>Jalan Kenyalang P9 G</b>	Position <b>2.9461458923521064, 101.67937801601556</b>		

## Dimensions

Total Height	<b>Very high</b>	20.79 m	Crown Spread	<b>Very large</b>	15.22 m
Trunk Height	<b>Very high</b>	3.75 m	Tree Protection Zone	<b>Very large</b>	9.37 m
DBH	<b>Very large</b>	0.79 m	Root Protection Zone	<b>Very large</b>	14.05 m
Crown Height	<b>Very large</b>	15.82 m	Number Of Stems	<b>Low</b>	1

Tree Report of  
**42988**



Genus <b>Peltophorum</b>	Species <b>pterocarpum</b>	Common Name <b>Yellow flame</b>	Date of report <b>27th January, 2026</b>
Address <b>Jalan Kenyalang P9 G</b>	Position <b>2.9461458923521064, 101.67937801601556</b>		

## Structural assessment

### Stability

Slenderness	Low	26.64	Crown Lean Angle	Medium	6.71 °
Trunk Stability Index		1.97	Trunk Lean Angle	High	6.61 °
Critical Wind Speed	95 kmh				

### Limbs

Number of Limbs	-	Fork Types	-
Codominant Stems	-	Cross-sectional shape	-
Included Bark	-		

# Tree Report of 42988



Genus <b>Peltophorum</b>	Species <b>pterocarpum</b>	Common Name <b>Yellow flame</b>	Date of report <b>27th January, 2026</b>
Address <b>Jalan Kenyalang P9 G</b>	Position <b>2.9461458923521064, 101.67937801601556</b>		

## Health and vitality

### Condition & Vigor

Dieback	<span>Low</span>	0%	Foliage Transparency	13.51%
Basal Area Increment	-	Leaf Area	<span>Very large</span>	2,146.28 m <sup>2</sup>
NDVI	-	Leaf Area Index	<span>Very high</span>	11.93

### Foliage

Leaf Area Density	<span>Low</span>	1.27 m <sup>2</sup> /m <sup>3</sup>	Live Crown Ratio	<span>High</span>	76.12%
Crown Volume	<span>Very large</span>	1,696.17 m <sup>3</sup>			

# Tree Report of 42988



Genus <b>Peltophorum</b>	Species <b>pterocarpum</b>	Common Name <b>Yellow flame</b>	Date of report <b>27th January, 2026</b>
Address <b>Jalan Kenyalang P9 G</b>	Position <b>2.9461458923521064, 101.67937801601556</b>		

## Benefits

### Water management

Avoided Water Runoff	<span>Very high</span>	0.58 m <sup>3</sup> /yr	Evaporation	<span>Very high</span>	10.08 m <sup>3</sup> /yr
Potential Evapotranspiration	<span>Very high</span>	62.21 m <sup>3</sup> /yr	Transpiration	<span>Very high</span>	11.94 m <sup>3</sup> /yr
Water Intercepted	<span>Very high</span>	10.15 m <sup>3</sup> /yr			

### Ecosystem services

Carbon Storage	<span>Very high</span>	1,817.59 kg	CO Removal	<span>Very high</span>	19.44 g/yr
Carbon Sequestration	<span>Very high</span>	107.88 kg/yr	NO <sub>2</sub> Removal	<span>Very high</span>	76.84 g/yr
Oxygen Production	<span>Very high</span>	285.07 kg/yr	O <sub>3</sub> Removal	<span>Very high</span>	926.11 g/yr
PM <sub>2.5</sub> Removal	<span>Very high</span>	48.36 g/yr	SO <sub>2</sub> Removal	<span>Very high</span>	165.79 g/yr

### Economical value

Cavat Value	<span>Very valuable</span>	21,160.55 £
-------------	----------------------------	-------------

Tree Report of  
**42988**



Genus <b>Peltophorum</b>	Species <b>pterocarpum</b>	Common Name <b>Yellow flame</b>	Date of report <b>27th January, 2026</b>
Address <b>Jalan Kenyalang P9 G</b>	Position <b>2.9461458923521064, 101.67937801601556</b>		

## Outlier information

Height / Crown Volume	No	Trunk Diameter / Height	No
Height / Leaf Area	No	Trunk Diameter / Leaf Area	No
Leaf Area Density Outlier	No	Overall Outlier Index	<span>Low</span> 0
Trunk Diameter / Crown Volume	No		

Tree Report of  
**42988**



Genus <b>Peltophorum</b>	Species <b>pterocarpum</b>	Common Name <b>Yellow flame</b>	Date of report <b>27th January, 2026</b>
Address <b>Jalan Kenyalang P9 G</b>	Position <b>2.9461458923521064, 101.67937801601556</b>		

## Clearances

Building Clearance	<input type="radio"/> Not available
Road Clearance	<input checked="" type="radio"/> No issue
Wire Clearance	<input type="radio"/> Not available
Traffic Sign Clearance	<input type="radio"/> Not available
Visibility Clearance	<input type="radio"/> Not available

Tree Report of  
**42988**



Genus <b>Peltophorum</b>	Species <b>pterocarpum</b>	Common Name <b>Yellow flame</b>	Date of report <b>27th January, 2026</b>
Address <b>Jalan Kenyalang P9 G</b>	Position <b>2.9461458923521064, 101.67937801601556</b>		

