

# OPAL TILT AND TURN - TILT AND TURN WINDOWS



COMMERICAL WINDOWS  
SUITABLE FOR COMMERICAL,  
RETAIL, RESIDENTIAL,  
PUBLIC, HEALTHCARE &  
EDUCATIONAL APPLICATIONS

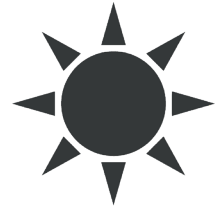


**95** MM  
TYPICAL SIGHTLINE



TILT TURN MAX.  
WEIGHT OVERALL.  
**90KG**  
PIVOT MAX. WEIGHT HORIZONTAL = 180KG  
PIVOT MAX. WEIGHT VERTICAL = 120KG

U-VALUE **1.4** W/M<sup>2</sup>K  
USING 1.1 SEALED UNIT.  
1.1 W/M<sup>2</sup>K USING TRIPLE  
GLAZED 0.6 UNIT



MIN. WIDTH = 402MM  
MAX. WIDTH = 1700MM  
(AT 1700MM WIDE, MAX.  
HEIGHT IS 2100MM)



MIN. HEIGHT = 500MM  
MAX. HEIGHT = 2400MM

(AT 2400MM HIGH, MAX  
WIDTH IS 1400MM)



GLAZING 13MM-60MM  
(SASH)  
GLAZING 4MM-51MM  
(OUTER FRAME)

ALL PROFILES FEATURE  
POLYAMIDE BREAK THAT  
ENHANCES THERMAL  
PROPERTIES



\* WIDTH OF TILT/TURN SASH MUST NOT EXCEED 1 1/2 TIMES THE HEIGHT

FRAME  
DEPTH  
65MM

WER  
A

AIR  
600PA

WIND  
2400PA

WATER  
900PA

PAS  
24:2016

DOC. L  
COMPLIANT

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**OPAL**

ALUMINIUM WINDOWS AND DOORS