

# MT50 LED HE AC2

## Technical Datasheet



**Electrical Information**

Nominal Input Voltage: 220-240V AC  
Input Frequency Range: 50-60Hz  
Surge Protection: 2kV  
Output Current: 175mA  
Dimming Protocol: Fixed / 1-10v / DALI

**Mechanical Information**

Mounting Type: Surface (Standard) /Suspended  
Outer Casing Material: Polycarbonate  
Diameter: 50mm

**Performance Information**

CRI: >80 (Standard) Or >90  
CCT: 3000K / 4000K / 6500K  
Macadam Step: 3  
Beam Angle: 180°  
Diffuser: Opal / Clear  
Lifetime: 72,000 Hrs

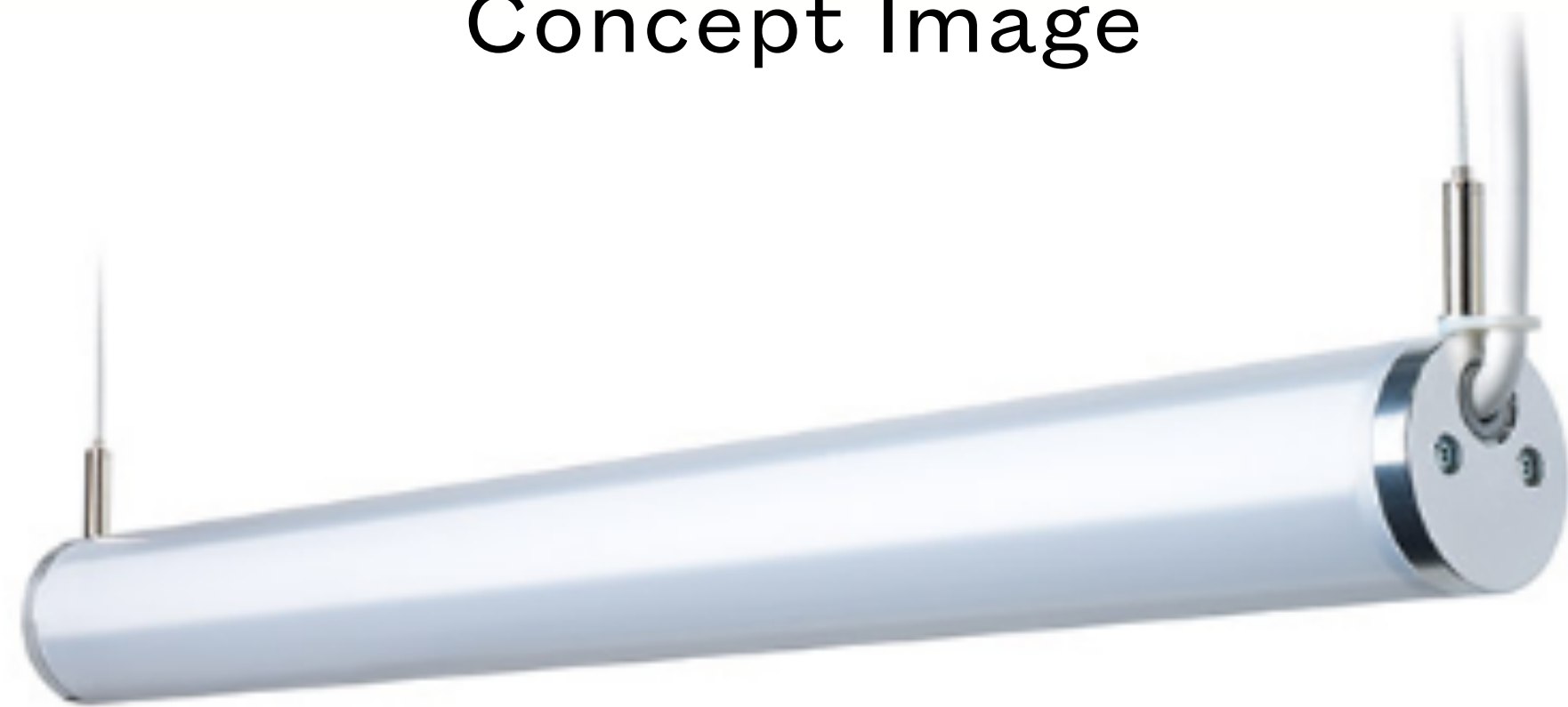
**Environmental Information**

IP Rating: IP20  
Temperature Range: -20°C To +50°C  
Warranty: 3 Years

**Certification**

CE  
UKCA

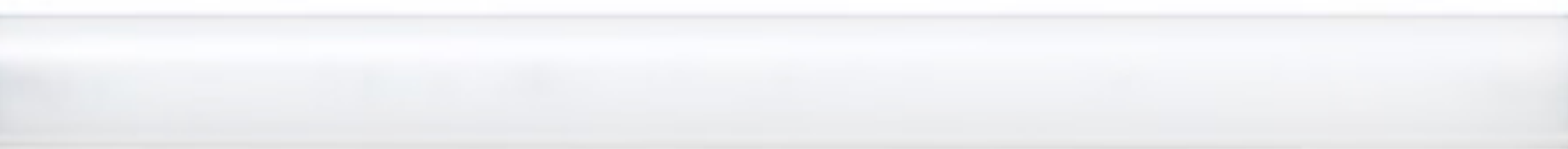
Concept Image



Mounting Brackets  
Plastic / Metal



Opal



Clear



Cat No.	Length (mm)	Lumens (CL) / EC	Lumens (Opal) / EC	Wattage	Weight (kg)
MT50 LED 2 HE AC2	607	1552 / 769	1353 / 670	9	0.77
MT50 LED 3 HE AC2	887	2328 / 751	2030 / 654	13	0.98
MT50 LED 4 HE AC2	1167	3104 / 745	2712 / 649	17	1.18
MT50 LED 5 HE AC2	1447	3880 / 749	3401 / 652	21	1.38
MT50 LED 6 HE AC2	1727	4656 / 745	4079 / 649	26	1.58
MT50 LED 7 HE AC2	2007	5432 / 748	4773 / 651	30	1.79
MT50 LED 8 HE AC2	2287	6242 / 749	5452 / 652	34	2.01

All Photometric Data is measured at 4000K  
EC - Emergency Conversion  
CL - Clear Outer Casing  
Opal - Outer Casing

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