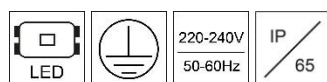


# TUBE M LED

## Outdoor accent lighting



Images for the product family and options:



**Description:** Surface mounted LED wall washer / Surface mounted accent LED luminaire  
 Light distribution type: direct  
 Optical system: lenses, tempered glass diffuser, impact resistant  
 Housing: aluminium  
 Colour: dark grey, RAL7043

**General data:** Mains voltage: 220-240V, 50-60Hz  
 LED lifetime, h: 60000/L80B10  
 SDCM: 3  
 Protection class IEC: I  
 Ingress protection code: IP65  
 Mechanical impact resistance: IK08  
 Operating temperature range, °C: ta -25...+40

**Installation:** On the wall or ceiling. Screw terminal, 3x1x1.5 mm<sup>2</sup>

**Environment:** Outdoor

**Application:** Facade illumination

Product	Length, mm	Width, mm	Height, mm	Luminaire output*, lm	System power*, W	System efficacy*, lm/W	CRI* (Ra)	CCT*, K	Weight, kg
<b>Wall-mounted luminaires with up and down light distribution</b>									
Tube M LED2x1100 D042 T830 L30	200	155	464	2063	19,3	107	80+	3000	3,2
Tube M LED2x1500 D043 T830 L30	200	155	464	2829	26	109	80+	3000	3,2
Tube M LED2x2000 D044 T830 L30	200	155	464	3927	38,4	102	80+	3000	3,2
Tube M LED2x1100 D042 T840 L30	200	155	464	2115	19,3	110	80+	4000	3,2
Tube M LED2x1500 D043 T840 L30	200	155	464	2901	26	112	80+	4000	3,2
Tube M LED2x2000 D044 T840 L30	200	155	464	4026	38,4	105	80+	4000	3,2
Tube M LED2x1100 D042 T840 L30	200	155	464	2063	19,3	107	80+	3000	3,2
Tube M LED2x1500 D043 T830 L45	200	155	464	2829	26	109	80+	3000	3,2
Tube M LED2x2000 D044 T830 L45	200	155	464	3927	38,4	102	80+	3000	3,2
Tube M LED2x1100 D042 T840 L45	200	155	464	2115	19,3	110	80+	4000	3,2
Tube M LED2x1500 D043 T840 L30	200	155	464	2901	26	112	80+	4000	3,2
Tube M LED2x2000 D044 T840 L45	200	155	464	4026	38,4	105	80+	4000	3,2
Tube M LED2x1100 D042 T830 L60	200	155	464	2118	19,3	110	80+	3000	3,2
Tube M LED2x1500 D043 T830 L60	200	155	464	2904	26	112	80+	3000	3,2
Tube M LED2x2000 D044 T830 L60	200	155	464	4032	38,4	105	80+	3000	3,2
Tube M LED2x1100 D042 T840 L60	200	155	464	2171	19,3	113	80+	4000	3,2
Tube M LED2x1500 D043 T840 L60	200	155	464	2978	26	115	80+	4000	3,2
Tube M LED2x2000 D044 T840 L60	200	155	464	4133	38,4	108	80+	4000	3,2
<b>Wall-mounted luminaires with up (or down) light distribution</b>									
Tube M UP LED1x1100 D045 T830 L30	200	155	250	1031	9,6	107	80+	3000	2,2
Tube M UP LED1x1500 D046 T830 L30	200	155	250	1415	13,1	108	80+	3000	2,2
Tube M UP LED1x2000 D047 T830 L30	200	155	250	1964	19,4	101	80+	3000	2,2
Tube M UP LED1x1100 D045 T840 L30	200	155	250	1058	9,6	110	80+	4000	2,2
Tube M UP LED1x1500 D046 T840 L30	200	155	250	1451	13,1	110	80+	4000	2,2
Tube M UP LED1x2000 D047 T840 L30	200	155	250	2013	19,4	104	80+	4000	2,2
Tube M UP LED1x1100 D045 T830 L45	200	155	250	1031	9,6	107	80+	3000	2,2
Tube M UP LED1x1500 D046 T830 L45	200	155	250	1415	13,1	108	80+	3000	2,2
Tube M UP LED1x2000 D047 T830 L45	200	155	250	1964	19,4	101	80+	3000	2,2
Tube M UP LED1x1100 D045 T840 L45	200	155	250	1058	9,6	110	80+	4000	2,2
Tube M UP LED1x1500 D046 T840 L45	200	155	250	1451	13,1	110	80+	4000	2,2
Tube M UP LED1x2000 D047 T840 L45	200	155	250	2013	19,4	104	80+	4000	2,2
Tube M UP LED1x1100 D045 T830 L60	200	155	250	1059	9,6	110	80+	3000	2,2
Tube M UP LED1x1500 D046 T830 L60	200	155	250	1452	13,1	110	80+	3000	2,2
Tube M UP LED1x2000 D047 T830 L60	200	155	250	2016	19,4	104	80+	3000	2,2
Tube M UP LED1x1100 D045 T840 L60	200	155	250	1086	9,6	113	80+	4000	2,2
Tube M UP LED1x1500 D046 T840 L60	200	155	250	1489	13,1	113	80+	4000	2,2
Tube M UP LED1x2000 D047 T840 L60	200	155	250	2067	19,4	106	80+	4000	2,2

## Ceiling-mounted luminaires with down light distribution

Tube M SR LED1x1100 D048 T830 L30	155	155	250	1031	9,6	107	80+	3000	2,2
Tube M SR LED1x1500 D049 T830 L30	155	155	250	1415	13,1	108	80+	3000	2,2
Tube M SR LED1x2000 D050 T830 L30	155	155	250	1964	19,4	101	80+	3000	2,2
Tube M SR LED1x1100 D048 T840 L30	155	155	250	1058	9,6	110	80+	4000	2,2
Tube M SR LED1x1500 D049 T840 L30	155	155	250	1451	13,1	110	80+	4000	2,2
Tube M SR LED1x2000 D050 T840 L30	155	155	250	2013	19,4	104	80+	4000	2,2
Tube M SR LED1x1100 D048 T830 L45	155	155	250	1031	9,6	107	80+	3000	2,2
Tube M SR LED1x1500 D049 T830 L45	155	155	250	1415	13,1	108	80+	3000	2,2
Tube M SR LED1x2000 D050 T830 L45	155	155	250	1964	19,4	101	80+	3000	2,2
Tube M SR LED1x1100 D048 T840 L45	155	155	250	1058	9,6	110	80+	4000	2,2
Tube M SR LED1x1500 D049 T840 L45	155	155	250	1451	13,1	110	80+	4000	2,2
Tube M SR LED1x2000 D050 T840 L45	155	155	250	2013	19,4	104	80+	4000	2,2
Tube M SR LED1x1100 D048 T830 L60	155	155	250	1059	9,6	110	80+	3000	2,2
Tube M SR LED1x1500 D049 T830 L60	155	155	250	1452	13,1	110	80+	3000	2,2
Tube M SR LED1x2000 D050 T830 L60	155	155	250	2016	19,4	104	80+	3000	2,2
Tube M SR LED1x1100 D048 T840 L60	155	155	250	1086	9,6	113	80+	4000	2,2
Tube M SR LED1x1500 D049 T840 L60	155	155	250	1489	13,1	113	80+	4000	2,2
Tube M SR LED1x2000 D050 T840 L60	155	155	250	2067	19,4	106	80+	4000	2,2

\*Tolerance range for optical and electrical data:  $\pm 10\%$ . Values apply to an ambient temperature of 25°C.

improving its products. The right is reserved to change any product specifications without prior notification

is constantly developing and

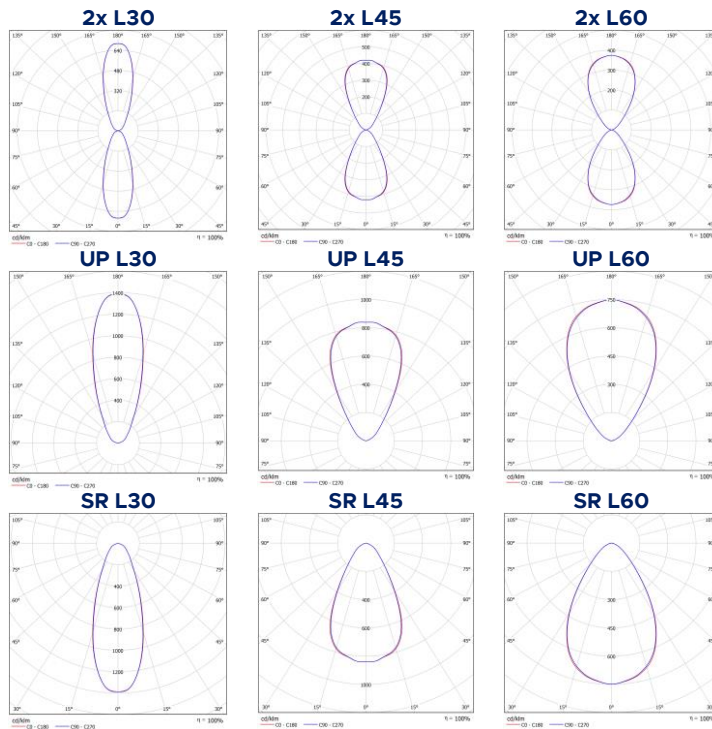
\*Photos are for illustrational purposes only. The exact appearance of the product may vary depending on the monitor settings, options selected and other factors.

### Available options:

T830 Colour temperature 3000K, CRI 80+  
 T840 Colour temperature 4000K, CRI 80+  
 L30 Optics with 30x30° beam angle

L45  
 L60

Optics with 45x45° beam angle  
 Optics with 60x60° beam angle



Applications:

