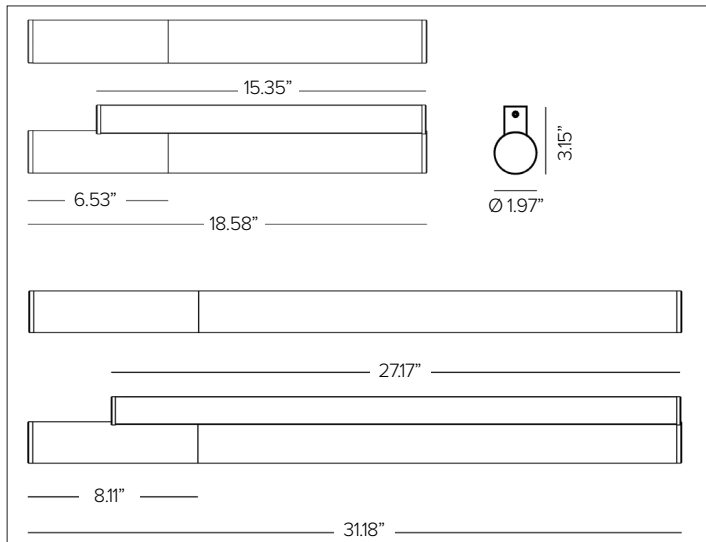
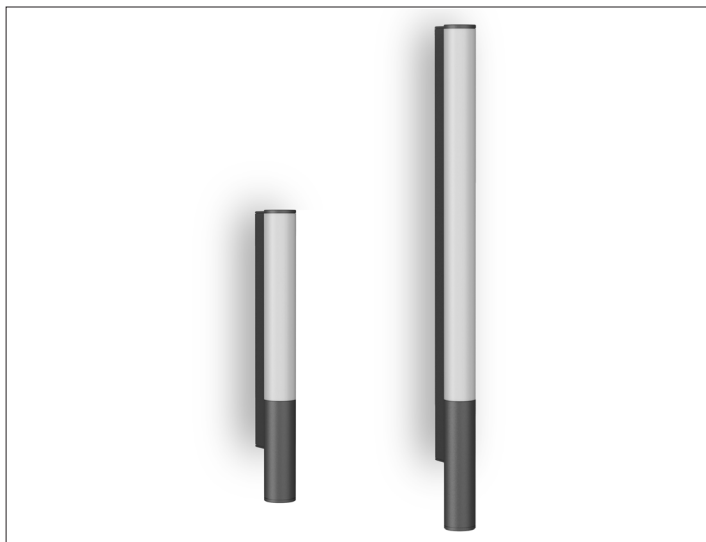


# OMEGA SURFACE

## Wall Mounted LED Sconce



### CONCEPT

Surface mounted LED sconce with soft and enveloping light emission, capable of giving character to surroundings with a warm and efficient glow.  
 Designed in collaboration with Gensler as Product Design Consultant.

### MECHANICAL CHARACTERISTICS

<b>Housing</b>	18.58" L x 2.00" x 1.97" and 31.18" L x 2.00" x 1.97".
<b>Materials</b>	Painted extruded aluminum body and optical unit with opal polycarbonate diffuser lens.
<b>Finish</b>	Matte smooth finish. <input type="radio"/> Plaster White <input type="radio"/> Deep Black <input type="radio"/> Silver <input type="radio"/> Ferrite Dark Grey
<b>Mounting</b>	Surface mounted over recessed 4"x4" J-box. With use in combination with required universal 4"x4" j-box mud kit cover for seamless integration into surface.
<b>Weight</b>	1.50lbs
<b>Protection</b>	IP20

### CERTIFICATIONS

cULus Class 2 Wet Location Listed.  
 Tested in accordance with LM-79-08.  
 Compliant for California installations.  
 IEC 62471  
 RoHS3 EU 215/863

### WARRANTY

5 year limited warranty

### SUSTAINABILITY

Luminaire designed for disposal/recycling at end-of-life. Replaceable LED light source and control gear by a Targetti technician.

### ELECTRICAL CHARACTERISTICS

<b>Power Supply</b>	Integrated 4/1 smart driver (Non-dimmable / 0-10V / Reverse Phase / Forward Phase).
<b>Wattage</b>	9W (18.58"L) / 18W (31.18"L)
<b>Voltage</b>	120-277V AC 50/60Hz

### SOURCE

Linear LED Boards.

TM30	CCT (Nominal)	CRI	Rf	Rg	SDCM
	2700K	90	90.9	100.1	3
	3000K	90	91.4	100.8	3
	3500K	90	90.3	100.4	3
	4000K	90	89.8	98.7	3

### OPTIC

Highly reflective white painted steel symmetric reflector with diffused light opal lens.

	101° x 163°	101° x 163°
<b>Beam</b>	101° x 163°	101° x 163°
<b>Length</b>	18.58" L	31.18" L
<b>Delivered Lumens</b>	2700K: 586Lm 3000K: 589Lm 3500K: 594Lm 4000K: 599Lm	1,172Lm 1,178Lm 1,188Lm 1,198Lm
<b>Efficacy</b>	Up to 68Lm/W	
<b>Lifetime</b>	L95/B10 >30,000hrs at max TA +25°C L92/B10 >50,000hrs at max TA +25°C	
<b>Photobiological Classification</b>	Low risk photobiological safety RG1	

# OMEGA SURFACE

## SPECIFICATION INFORMATION



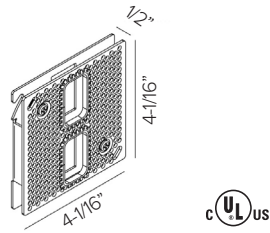
1 - PRODUCT CODE	2 - TYPE	3 - LENGTH	4 - DRIVER	5 - DIFFUSER	4 - FINISH	7 - KELVIN
<b>OM</b> — OMEGA	<b>WM</b> — Surface Mounted	<b>19</b> — 18.58" L <b>31</b> — 31.18" L	<b>41</b> — 4/1 Smart Dimming (Non-Dimming / 0-10V / Reverse Phase / Forward Phase)	<b>O</b> — Opal	<b>PW</b> — Plaster White <b>DB</b> — Deep Black <b>SI</b> — Silver <b>FE</b> — Ferrite Grey	<b>27</b> — 2700K <b>30</b> — 3000K <b>35</b> — 3500K <b>40</b> — 4000K

**8 - MOUNTING**

[Wall mount mud plate](#)  
See section for details

**OMEGA SURFACE**

**8 – MOUNTING (REQUIRED)**




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4"x4" j-box wall mount mud plate.

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Part No. **1USMK02**

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# OMEGA SURFACE

## PHOTOMETRY

### 18.58" LENGTH



2700K		H(m)	D1(m)	D2(m)	Emax(lx)		
Ra90			101°	163°			
Fixture Power	9W	1	2.44	13.57	131		
Source Flux	1041lm	2	4.87	27.14	33		
Fixture Flux	586lm	3	7.31	40.70	15		
Efficacy	66lm/W	4	9.74	54.27	8		
TS1197	I <sub>max</sub> =126cd/klm	I <sub>max</sub>	131cd	5	12.18	67.84	5

Maximum UGR = 32.6 (based on actual lumens)



3000K		H(m)	D1(m)	D2(m)	Emax(lx)		
Ra90			101°	163°			
Fixture Power	9W	1	2.44	13.57	131		
Source Flux	1046lm	2	4.87	27.14	33		
Fixture Flux	589lm	3	7.31	40.70	15		
Efficacy	66lm/W	4	9.74	54.27	8		
TS1197	I <sub>max</sub> =126cd/klm	I <sub>max</sub>	132cd	5	12.18	67.84	5

Maximum UGR = 32.7 (based on actual lumens)



3500K		H(m)	D1(m)	D2(m)	Emax(lx)		
Ra90			101°	163°			
Fixture Power	9W	1	2.44	13.57	133		
Source Flux	1055lm	2	4.87	27.14	33		
Fixture Flux	594lm	3	7.31	40.70	15		
Efficacy	67lm/W	4	9.74	54.27	8		
TS1197	I <sub>max</sub> =126cd/klm	I <sub>max</sub>	133cd	5	12.18	67.84	5

Maximum UGR = 32.7 (based on actual lumens)



4000K		H(m)	D1(m)	D2(m)	Emax(lx)		
Ra90			101°	163°			
Fixture Power	9W	1	2.44	13.57	134		
Source Flux	1064lm	2	4.87	27.14	33		
Fixture Flux	599lm	3	7.31	40.70	15		
Efficacy	67lm/W	4	9.74	54.27	8		
TS1197	I <sub>max</sub> =126cd/klm	I <sub>max</sub>	134cd	5	12.18	67.84	5

Maximum UGR = 32.7 (based on actual lumens)

### 31.18" LENGTH



2700K		H(m)	D1(m)	D2(m)	Emax(lx)		
Ra90			101°	163°			
Fixture Power	18W	1	2.44	13.57	262		
Source Flux	2081lm	2	4.87	27.14	65		
Fixture Flux	1172lm	3	7.31	40.70	29		
Efficacy	66lm/W	4	9.74	54.27	16		
TS1198	I <sub>max</sub> =126cd/klm	I <sub>max</sub>	262cd	5	12.18	67.84	10

Maximum UGR = 32.7 (based on actual lumens)



3000K		H(m)	D1(m)	D2(m)	Emax(lx)		
Ra90			101°	163°			
Fixture Power	18W	1	2.44	13.57	263		
Source Flux	2092lm	2	4.87	27.14	66		
Fixture Flux	1178lm	3	7.31	40.70	29		
Efficacy	67lm/W	4	9.74	54.27	16		
TS1198	I <sub>max</sub> =126cd/klm	I <sub>max</sub>	263cd	5	12.18	67.84	11

Maximum UGR = 32.8 (based on actual lumens)



3500K		H(m)	D1(m)	D2(m)	Emax(lx)		
Ra90			101°	163°			
Fixture Power	18W	1	2.44	13.57	265		
Source Flux	2110lm	2	4.87	27.14	66		
Fixture Flux	1188lm	3	7.31	40.70	29		
Efficacy	67lm/W	4	9.74	54.27	17		
TS1198	I <sub>max</sub> =126cd/klm	I <sub>max</sub>	265cd	5	12.18	67.84	11

Maximum UGR = 32.8 (based on actual lumens)



4000K		H(m)	D1(m)	D2(m)	Emax(lx)		
Ra90			101°	163°			
Fixture Power	18W	1	2.44	13.57	267		
Source Flux	2128lm	2	4.87	27.14	67		
Fixture Flux	1198lm	3	7.31	40.70	30		
Efficacy	68lm/W	4	9.74	54.27	17		
TS1198	I <sub>max</sub> =126cd/klm	I <sub>max</sub>	268cd	5	12.18	67.84	11

Maximum UGR = 32.8 (based on actual lumens)