



# lumenfacade<sup>TM</sup>

High performance facade LED luminaire

**lumenpulse<sup>TM</sup>**

Sustainable architectural LED lighting systems



## High performance facade LED luminaire

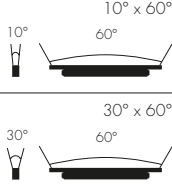
The **Lumenfacade** is the perfect solution for applications such as wall grazing, column lighting and linear flood lighting to mention only a few. It is a modular and adjustable IP66 outdoor lighting system available in 1', 2', 3' and 4' sections allowing ease of installation for both linear and radius configurations. The **Lumenfacade** is available in 2700°K, 3000°K and 4000°K, combined with 10° x 60° or 30° x 60° optics. The **Lumenfacade** is designed to ensure sustainability throughout its life allowing ease of maintenance for component replacement without having to replace the luminaire. The **Lumenfacade** is a line voltage luminaire for 120 to 277 volts using 15.75 watts per foot, producing 2912 delivered lumens and 16 615 candelas at nadir (4000°K 4' unit). It offers unmatched photometric performance on the market today.

The **Lumenfacade** comes with the Lumenpulse standard 5 year warranty on its complete assembly.

- Line voltage luminaire for 120 to 277 volts
- 0-10 volt dimming option
- 10° x 60° and 30° x 60° optics
- 15.75 watts per foot
- 2912 delivered lumens and 16 615 candelas at nadir (4000° K, 4' unit, 10° x 60° optic)
- Minimum 1 fc @ 128 feet distance (4000° K, 4' unit, 10° x 60° optic)
- Up to 100 feet with only 1 power feed
- Sustainable design for ease of maintenance
- Available in 1', 2', 3' and 4' sections
- Lumen maintenance L70 @ 25°C - 105 000 hrs
- Lumen measurements comply with LM - 79 - 08 standard.
- 5 year warranty





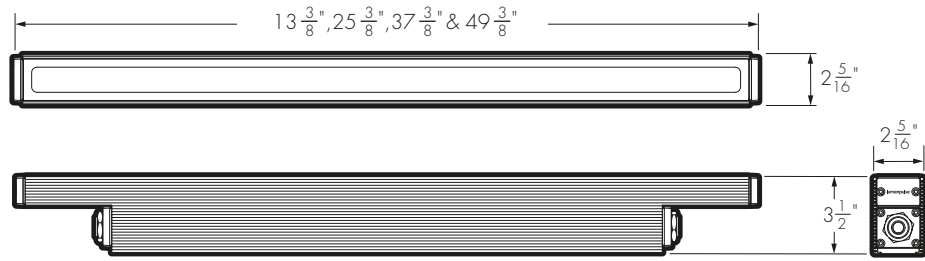
Categories	Specifications	1 ft. (12")	2 ft. (24")	3 ft. (36")	4 ft. (48")	
<b>Output</b>	Beam Angles	10° x 60° / 30° x 60°				
	Color Temperatures	2700° K / 3000° K / 4000° K				
	Static Colors	Red, Green, Blue				
	Lumens* 	10° x 60°	2700° K - 496 lm 3000° K - 598 lm 4000° K - 655 lm	2700° K - 1102 lm 3000° K - 1330 lm 4000° K - 1456 lm	2700° K - 1654 lm 3000° K - 1995 lm 4000° K - 2184 lm	2700° K - 2205 lm 3000° K - 2661 lm 4000° K - 2912 lm
		30° x 60°	2700° K - 478 lm 3000° K - 489 lm 4000° K - 489 lm	2700° K - 956 lm 3000° K - 1086 lm 4000° K - 1088 lm	2700° K - 1433 lm 3000° K - 1629 lm 4000° K - 1632 lm	2700° K - 1911 lm 3000° K - 2175 lm 4000° K - 2176 lm
		Efficacy	10° x 60° 2700° K - 35 lm/W 3000° K - 42.3 lm/W 4000° K - 45.9 lm/W		30° x 60° 2700° K - 30.3 lm/W 3000° K - 34.2 lm/W 4000° K - 34.6 lm/W	
	Lumen Maintenance	L70 @ 25°C - 105 000 hrs				
<b>Electrical</b>	Input Voltage	120 V to 277 V				
	Power Consumption	15.75 W	31.5 W	47.25 W	63 W	
<b>Control</b>	Control Protocol	0 - 10 V dimming optional				
<b>Physical</b>	Dimensions (Height x Depth x Length) Inches Custom length on request	3 1/2" x 2 5/16" x 13 3/8"	3 1/2" x 2 5/16" x 25 3/8"	3 1/2" x 2 5/16" x 37 3/8"	3 1/2" x 2 5/16" x 49 3/8"	
	Weight	2 kg / 4,5 lbs	3,17 kg / 7 lbs	4,75 kg / 10,5 lbs	6,35 kg / 14 lbs	
	Housing	Aluminum extrusion, electrostatic powder coated				
	Lens	Clear tempered glass lens 5 mm				
	Fixture's Connectors	IP66 connectors c/w locking device				
	Ingress Protection	IP66				
	Mounting	Adjustable & fixed mounting accessories				
	Operating Temperatures	-25° C to 50° C (-13° F to 122° F)				
	Sealing Caps	Mandatory for any unused connector				
EPA	0,22 sq. ft.	0,52 sq. ft.	0,81 sq. ft.	1,10 sq. ft.		
<b>Certification</b>	Certification	UL / cUL / CE / ROHS				
	Environnement	Dry / Damp / Wet location				

\* Lumen measurements comply with LM - 79 - 08 standard.



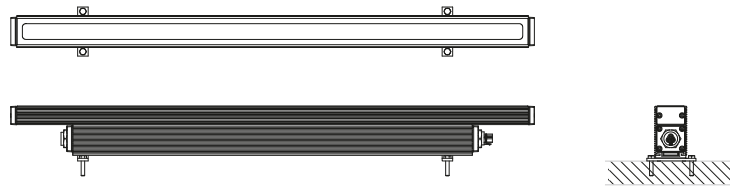
Lumenpulse reserves the right to make changes to this product at any time without prior notice and such modification shall be effective immediately.

Dimensions

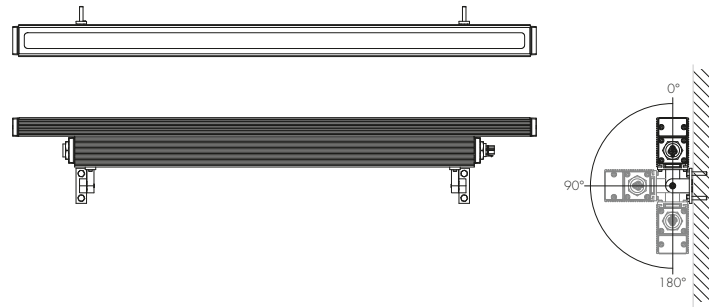


Mounting & Adjustable Pivots

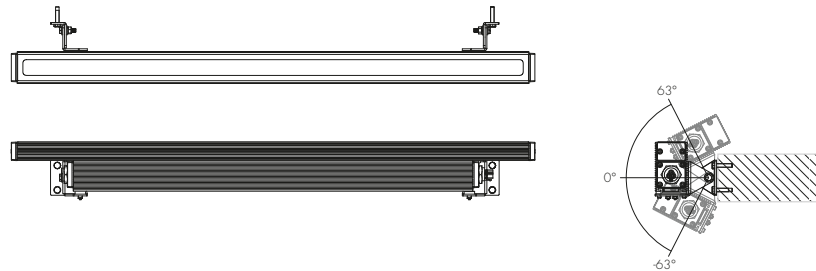
UMP  
Fixed Mounting



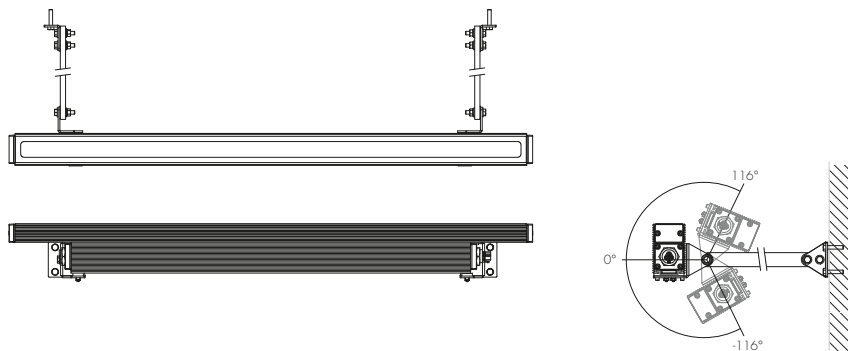
UMAS  
Universal Adjustable Mounting

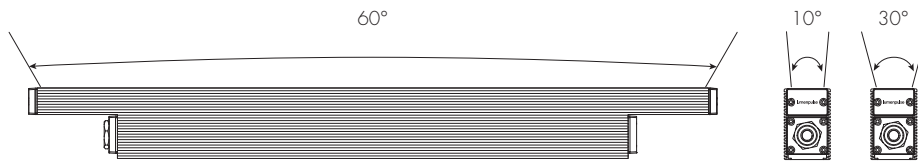


WAM2  
Adjustable Wall Mounting

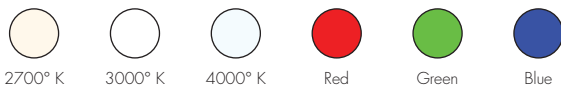


WAM6, WAM10 & WAM12  
Adjustable Extended Arm Mounting





Available Colors and Color Temperatures

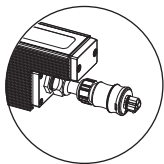


Ordering Information

Finish



Option



End-to-end option, no jumper cable needed

How to order

LOG	120 208 240 277	12 24 36 48	27K (2700° K) 30K (3000° K) 40K (4000° K) Red Green Blue	10x60 - (10° x 60°) 30x60 - (30° x 60°)	UMP UMAS WAM2 WAM6 WAM10 WAM12	SI - Silver BK - Black WH - White CC - Custom *	DIM - Dimming 0 - 10 Volt ETE - End-to-end fixture **
Housing	Voltage	Length	Colors and color temperatures	Optic	Mounting	Finish	Option
LOG							

\* Please specify RAL color

\*\* End-to-end fixture configuration is standard for the 1 foot Lumenfacade.







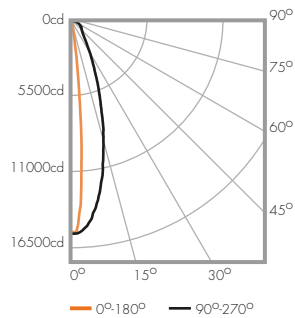
Photometric data based on test results from an independent NIST traceable testing lab. IES data is available at [www.lumenpulse.com/en/downloads.html](http://www.lumenpulse.com/en/downloads.html)

**Lumenfacade 4'**

3000 K  
10° x 60° optic

Lamping	62.9 W
Lumens	2661
Efficacy	42.3 lm/W

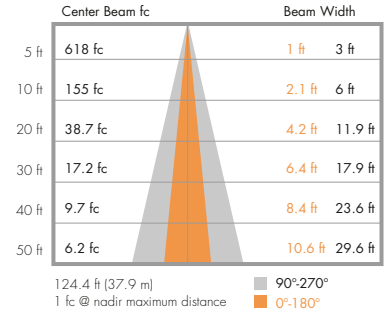
**Polar Candela Distribution**



**Candela Table**

	0	22.5	47.5	65	90
0	15487	15487	15487	15487	15487
5	8692	8982	10839	13237	14774
15	541	572	905	3550	9084
25	282	298	325	651	4107
35	149	157	184	247	1936
45	47	74	94	149	1160
55	16	16	35	98	909
65	0	0	0	51	690
75	0	0	0	16	400
85	0	0	0	0	55
90	0	0	0	0	0

**Illuminance at Distance**

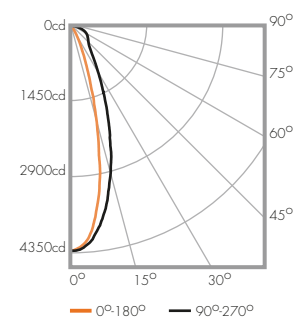


**Lumenfacade 4'**

3000 K  
30° x 60° optic

Lamping	63.6 W
Lumens	2175
Efficacy	34.2 lm/W

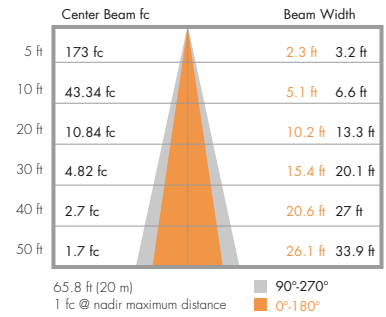
**Polar Candela Distribution**



**Candela Table**

	0	22.5	47.5	65	90
0	4338	4338	4338	4338	4338
5	4101	4106	4166	4170	4206
15	2006	2119	2506	2822	2992
25	582	668	886	1365	1590
35	198	220	296	565	805
45	57	73	114	271	507
55	12	16	41	169	416
65	6	6	13	102	338
75	3	3	3	45	201
85	0	0	0	2	32
90	0	0	0	0	0

**Illuminance at Distance**

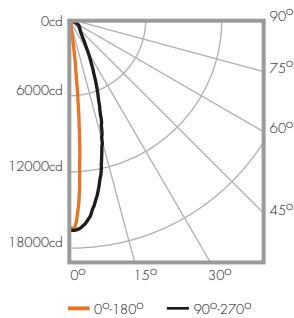


**Lumenfacade 4'**

4000 K  
10° x 60° optic

Lamping	63.4 W
Lumens	2912
Efficacy	45.9 lm/W

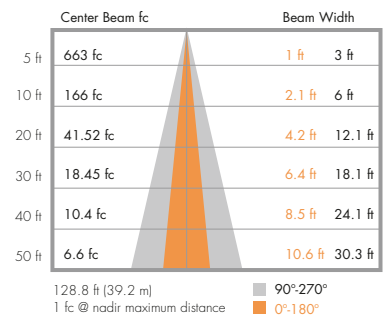
Polar Candela Distribution



Candela Table

	0	22.5	47.5	65	90
0	16615	16615	16615	16615	16615
5	9287	9648	12081	14589	16035
15	564	600	1023	3903	10142
25	298	313	353	705	4577
35	141	157	176	247	2116
45	47	71	94	157	1270
55	16	16	43	102	1003
65	16	16	16	67	784
75	0	0	0	16	447
85	0	0	0	0	63
90	0	0	0	0	0

Illuminance at Distance

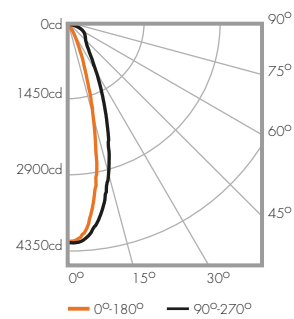


**Lumenfacade 4'**

4000 K  
30° x 60° optic

Lamping	62.8 W
Lumens	2176
Efficacy	34.6 lm/W

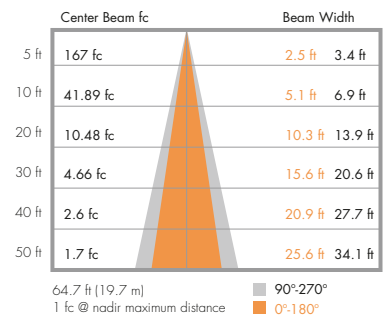
Polar Candela Distribution



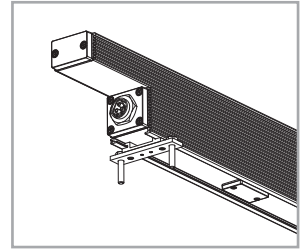
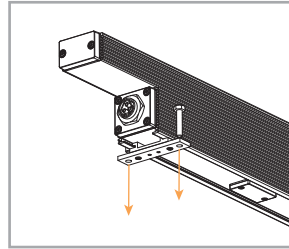
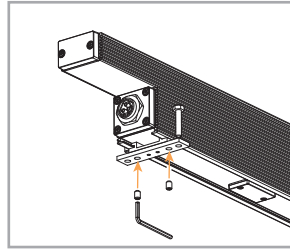
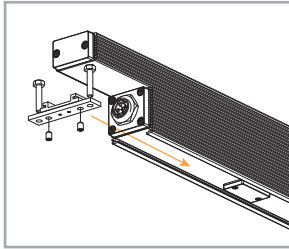
Candela Table

	0	22.5	47.5	65	90
0	4193	4193	4193	4193	4193
5	3981	3978	4077	4083	4120
15	1951	2077	2516	2840	3029
25	578	651	915	1402	1644
35	194	215	307	576	820
45	55	71	114	272	513
55	12	15	43	167	415
65	3	6	12	103	338
75	0	3	3	46	209
85	0	0	0	3	37
90	0	0	0	0	0

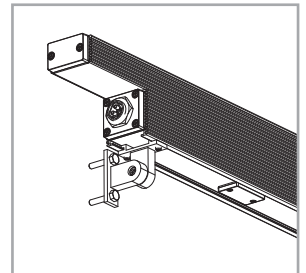
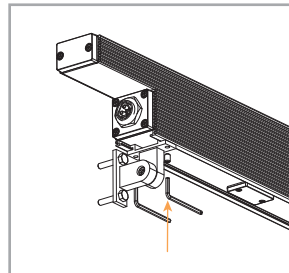
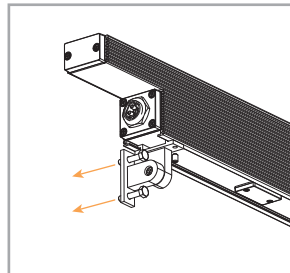
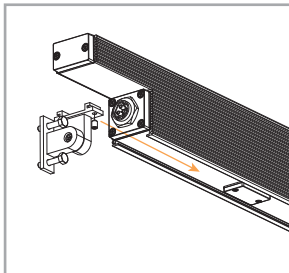
Illuminance at Distance



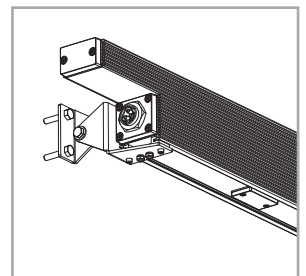
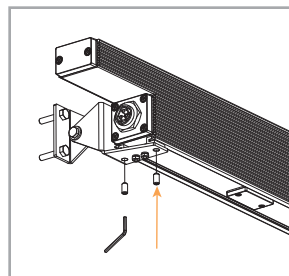
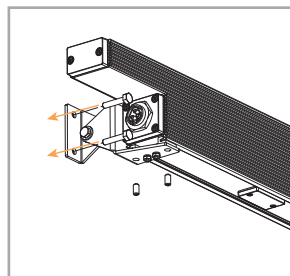
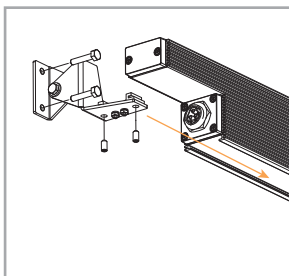
UMP Installation

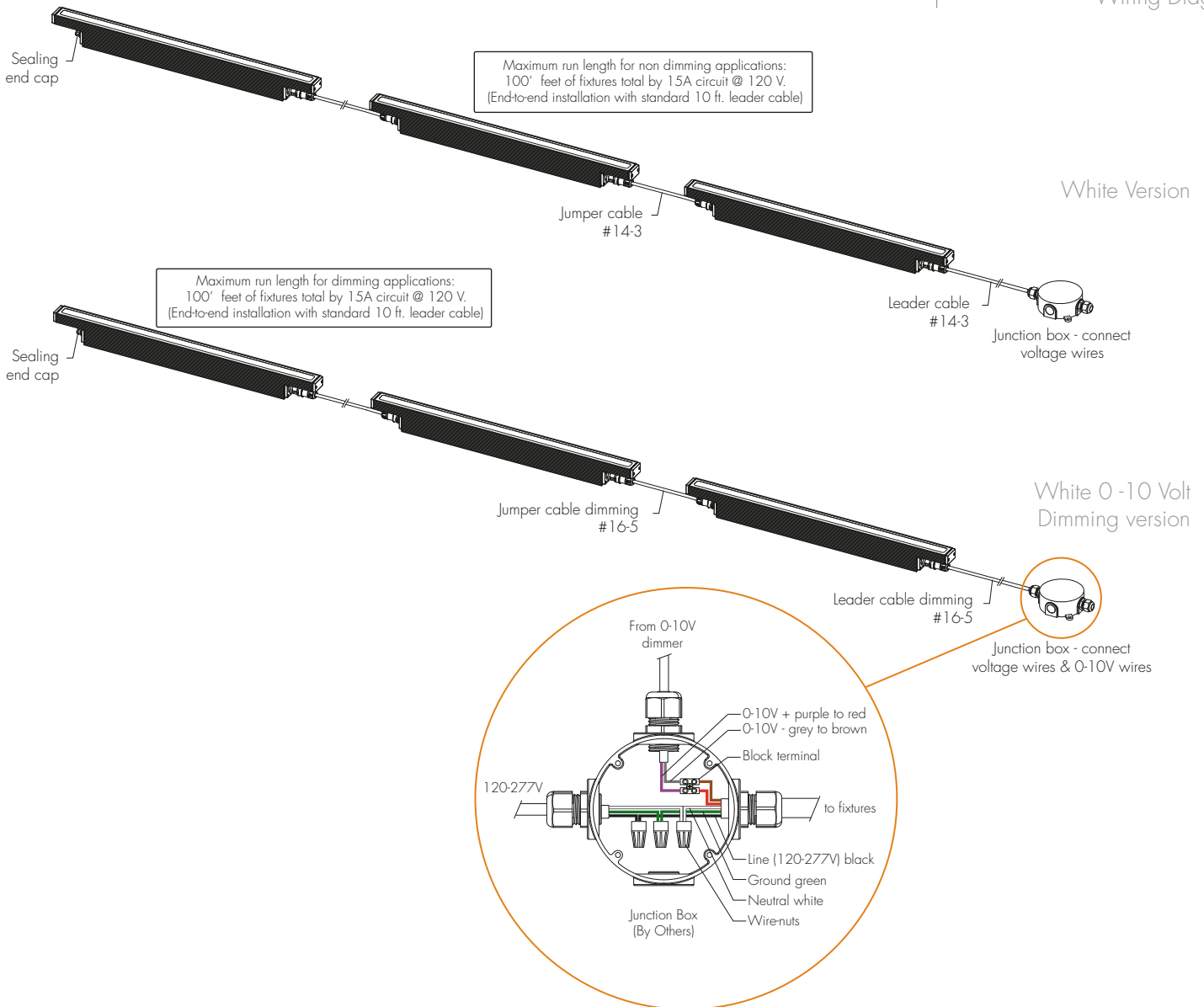


UMAS Installation



WAM2, 6, 10 & 12 Installation





## Power & Data Cable Accessories\*

Item	Ordering Code	Descriptions
Jumper Cables	<b>LOGJC</b> ____	Jumper Cable for Lumenfacade. Please add desired cable length : 1, 2, 4 or 8 feet
Jumper Cables dimming	<b>LOGJCD</b> ____	Jumper Cable for Lumenfacade dimming. Please add desired cable length : 1, 2, 4 or 8 feet
Leader Cables	<b>LOGLC</b> ____	Leader Cable for Lumenfacade. Please add desired cable length : 6, 8, or 10 feet
Leader Cables dimming	<b>LOGLCD</b> ____	Leader Cable for Lumenfacade dimming. Please add desired cable length : 6, 8, or 10 feet
Sealing end cap	<b>SEC</b> __	Sealing end cap mandatory for any unused connector, add (D) for dimming version

\* Order separately



Montreal Canadiens Hockey Team Centennial Plaza, Montreal  
Design : Lemay & Associés



## A global presence

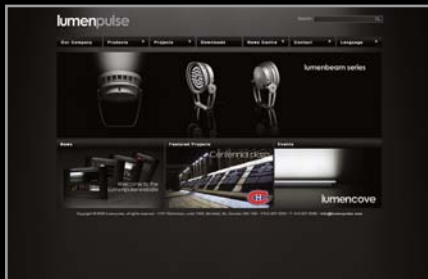
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## A tool to quickly find...

The LUMENPULSE official website [www.lumenpulse.com](http://www.lumenpulse.com) has distinctive sections in which it is possible to find information on products, projects in which we have participated, current updates, technical information, downloads, product specification and photometric data.



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