

# OptimaLine4

## Architecture & Industrial Lighting



Picture shows variant 29°- 88°



Picture shows variant flood light FU



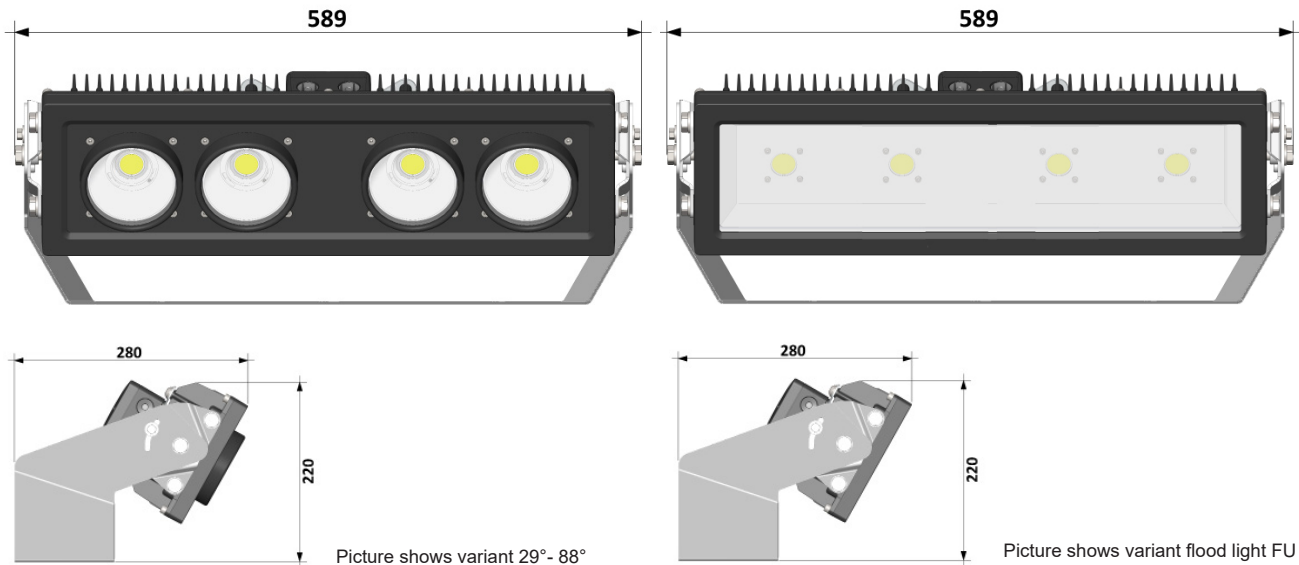
- Future PROOF> all components independently changeable
- Ready for connection and easy to install and maintain
- Easy integration into existing lighting towers
- Low weight and low wind load
- Large light-emitting and extremely powerful light output
- Highest efficiency of all system components - LongLIFE
- Different light distributions possible
- Optical cover made of safety glass IK08
- Vibration-resistant
- ThermoProtect System against overtemperature of the LED
- Lifetime L80: 60.000 - 100.000 h
- Surge protection 10kA
- Optional: active performance cooling

BRAUN® MASS-LEDlight OptimaLine4 (PC)	Eco	Basic E1	Light E2	DALI
Power consumption	320W	10-320W	10-320W	1-320W
Luminous flux	46000lm	46000lm	46000lm	46000lm
System performance	143lm/W	143lm/W	143lm/W	143lm/W
Power control options   Dimming				
manually via 10-step coding switch		•	•	
Phase controlled night-time light reducing (half-night switch, 230VAC)			•	
Dimming manually via 10-step coding switch			•	
AstroDimm - programmable dimming levels (optional)	(•)	(•)	(•)	(•)
0-10V   1-10V Interface   Dim-to-Off	•			•
DALI Interface				•
Light color				
3000K warmwhite	•	•	•	•
4000K neutralwhite	•	•	•	•
5000K coolwhite	•	•	•	•
Applications - Light distributions				
Variant OptimaLine 01: Light distribution symmetrical 88°	•	•	•	•
Variant OptimaLine 02: Light distribution symmetrical 54°	•	•	•	•
Variant OptimaLine 03: Light distribution symmetrical 42°	•	•	•	•
Variant OptimaLine 04: Light distribution symmetrical 29°	•	•	•	•
Variant OptimaLine 05: Light distribution flood light FU	•	•	•	•

Due to the complexity of the many possible combinations of drivers and LED modules, the values shown for technical LED parameters, including performance parameters, are typical. Actual values of specific products in specific configurations may vary from these typical values. The information and diagrams contained in this document do not constitute an offer or contractual obligation. Product parameters may change as a result of technical innovation and will be undertaken without prior notice. Our manufacturing conforms to DIN-, EN-, and VDE-, CE regulations.

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### Technical Descriptions

Power consumption:	320 Watt
Luminous flux:	46000lm at 5000K
Light colour:	3000K   4000K   5000K
Switching function:	Eco (on/off)   Basic E1   Light E2   DALI
LED-control gear:	CE   ENEC   DALI   0-10   1-10V (Dim-to-Off)
Permissible operating voltage:	100-240VAC, 50/60Hz
Permissible ambient temperature:	-40°C up to 50°C
Degree of protection   Protection class:	IP67   SKI
Housing:	die-cast aluminium, powder coated black
Optical cover:	safety glass, heat-treated
Impact resistance (IK rating):	IK08
Mounting bracket made of stainless steel:	Setting range 140°, hole distance: 320mm (2x Ø12mm   cable hole Ø20mm)
Other types of fastening on request (for example chain suspension)	
Weight (variant 01-04):	ca. 11,2kg
Weight (variant 05):	ca. 11kg

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