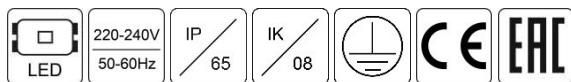


BOREAS M LED

Product Group: Floodlights



Images for the product family and options:



Description:

An architectural LED floodlight with choice of optics and IP65 water and dust protection for use in adverse conditions
 Optics: 12°, 30°, 45°, 60°, 90°, asymmetric and street light beam
 Diffuser: tempered glass, clear, impact resistant
 Body: die-cast aluminum, dark grey finish

General data:

Mains voltage: 220-240V, 50-60Hz
 Power factor: >0,95
 Light source: LED
 Light source included: Yes
 Light distribution type: Direct
 LED lifetime, h: 100000/L90B10
 Operating temperature range, °C: ta -30...+40
 Protection class IEC: I
 Ingress protection code: IP65
 Mechanical impact resistance: IK08
 EEC: A++

Installation:

Suitable for any horizontal and/or vertical surfaces. Push-in terminal, 3x2x2.5mm²

Environment:

Outdoor

Application:

Industry, sports, facade illumination, parking area, park, public space, street



Waterproof cable in-line connector is recommended to use when installing our LED high-bays and floodlights. Push-in terminal 3x1.5mm², 400V/16A. IP66/IP68- dust and waterproof. For more information see the accessory list.

Product	Length, mm	Width, mm	Height, mm	Luminaire output*, lm	System power*, W	System efficacy*, lm/W	CRI	CCT*, K	Weight, kg
Boreas MS LED1x4400 D349 T740 LS12	338	280	60	4319	34,4	125	70+	4000	2,80
Boreas MS LED1x6100 D350 T740 LS12	338	280	60	6036	52,9	114	70+	4000	2,80
Boreas MM LED1x8800 D351 T740 LS12	444	353	66	8712	68,9	126	70+	4000	5,00
Boreas MM LED1x12100 D352 T740 LS12	444	353	66	12072	105,8	114	70+	4000	5,00
Boreas MB LED1x15100 D353 T740 LS12	515	420	87	15090	132,2	114	70+	4000	7,60
Boreas MB LED1x18200 D354 T740 LS12	515	420	87	18108	158,7	114	70+	4000	7,60
Boreas MB LED1x24200 D355 T740 LS12	515	420	87	24144	211,6	114	70+	4000	7,60
Boreas MS LED1x4400 D349 T740 LS30	338	280	60	4170	34,4	121	70+	4000	2,80
Boreas MS LED1x6100 D350 T740 LS30	338	280	60	5828	52,9	110	70+	4000	2,80
Boreas MM LED1x8800 D351 T740 LS30	444	353	66	8412	68,9	122	70+	4000	5,00
Boreas MM LED1x12100 D352 T740 LS30	444	353	66	11656	105,8	110	70+	4000	5,00
Boreas MB LED1x15100 D353 T740 LS30	515	420	87	14570	132,2	110	70+	4000	7,60
Boreas MB LED1x18200 D354 T740 LS30	515	420	87	17484	158,7	110	70+	4000	7,60
Boreas MB LED1x24200 D355 T740 LS30	515	420	87	23312	211,6	110	70+	4000	7,60

TECHNICAL DATA SHEET

Boreas MS LED1x4400 D349 T740 LS45	338	280	60	4120	34,4	120	70+	4000	2,80
Boreas MS LED1x6100 D350 T740 LS45	338	280	60	5759	52,9	109	70+	4000	2,80
Boreas MM LED1x8800 D351 T740 LS45	444	353	66	8312	68,9	121	70+	4000	5,00
Boreas MM LED1x12100 D352 T740 LS45	444	353	66	11517	105,8	109	70+	4000	5,00
Boreas MB LED1x15100 D353 T740 LS45	515	420	87	14396	132,2	109	70+	4000	7,60
Boreas MB LED1x18200 D354 T740 LS45	515	420	87	17276	158,7	109	70+	4000	7,60
Boreas MB LED1x24200 D355 T740 LS45	515	420	87	23034	211,6	109	70+	4000	7,60
Boreas MS LED1x4400 D349 T740 LS60	338	280	60	4170	34,4	121	70+	4000	2,80
Boreas MS LED1x6100 D350 T740 LS60	338	280	60	5828	52,9	110	70+	4000	2,80
Boreas MM LED1x8800 D351 T740 LS60	444	353	66	8412	68,9	122	70+	4000	5,00
Boreas MM LED1x12100 D352 T740 LS60	444	353	66	11656	105,8	110	70+	4000	5,00
Boreas MB LED1x15100 D353 T740 LS60	515	420	87	14570	132,2	110	70+	4000	7,60
Boreas MB LED1x18200 D354 T740 LS60	515	420	87	17484	158,7	110	70+	4000	7,60
Boreas MB LED1x24200 D355 T740 LS60	515	420	87	23312	211,6	110	70+	4000	7,60
Boreas MS LED1x4400 D349 T730 LS90	338	280	60	4103	34,4	119	70+	3000	2,80
Boreas MS LED1x6100 D350 T730 LS90	338	280	60	5734	52,9	108	70+	3000	2,80
Boreas MM LED1x8800 D351 T730 LS90	444	353	66	8277	68,9	120	70+	3000	5,00
Boreas MM LED1x12100 D352 T730 LS90	444	353	66	11469	105,8	108	70+	3000	5,00
Boreas MB LED1x15100 D353 T730 LS90	515	420	87	14336	132,2	108	70+	3000	7,60
Boreas MB LED1x18200 D354 T730 LS90	515	420	87	17203	158,7	108	70+	3000	7,60
Boreas MB LED1x24200 D355 T730 LS90	515	420	87	22937	211,6	108	70+	3000	7,60
Boreas MS LED1x4400 D349 T740 LS90	338	280	60	4319	34,4	125	70+	4000	2,80
Boreas MS LED1x6100 D350 T740 LS90	338	280	60	6036	52,9	114	70+	4000	2,80
Boreas MM LED1x8800 D351 T740 LS90	444	353	66	8712	68,9	126	70+	4000	5,00
Boreas MM LED1x12100 D352 T740 LS90	444	353	66	12072	105,8	114	70+	4000	5,00
Boreas MB LED1x15100 D353 T740 LS90	515	420	87	15090	132,2	114	70+	4000	7,60
Boreas MB LED1x18200 D354 T740 LS90	515	420	87	18108	158,7	114	70+	4000	7,60
Boreas MB LED1x24200 D355 T740 LS90	515	420	87	24144	211,6	114	70+	4000	7,60
Boreas MS LED1x4400 D349 T730 LSA1	338	280	60	4103	34,4	119	70+	3000	2,80
Boreas MS LED1x6100 D350 T730 LSA1	338	280	60	5734	52,9	108	70+	3000	2,80
Boreas MM LED1x8800 D351 T730 LSA1	444	353	66	8277	68,9	120	70+	3000	5,00
Boreas MM LED1x12100 D352 T730 LSA1	444	353	66	11469	105,8	108	70+	3000	5,00
Boreas MB LED1x15100 D353 T730 LSA1	515	420	87	14336	132,2	108	70+	3000	7,60
Boreas MB LED1x18200 D354 T730 LSA1	515	420	87	17203	158,7	108	70+	3000	7,60
Boreas MB LED1x24200 D355 T730 LSA1	515	420	87	22937	211,6	108	70+	3000	7,60
Boreas MS LED1x4400 D349 T740 LSA1	338	280	60	4319	34,4	125	70+	4000	2,80
Boreas MS LED1x6100 D350 T740 LSA1	338	280	60	6036	52,9	114	70+	4000	2,80
Boreas MM LED1x8800 D351 T740 LSA1	444	353	66	8712	68,9	126	70+	4000	5,00
Boreas MM LED1x12100 D352 T740 LSA1	444	353	66	12072	105,8	114	70+	4000	5,00
Boreas MB LED1x15100 D353 T740 LSA1	515	420	87	15090	132,2	114	70+	4000	7,60
Boreas MB LED1x18200 D354 T740 LSA1	515	420	87	18108	158,7	114	70+	4000	7,60
Boreas MB LED1x24200 D355 T740 LSA1	515	420	87	24144	211,6	114	70+	4000	7,60
Boreas MS LED1x4400 D349 T730 LSA2	338	280	60	4103	34,4	119	70+	3000	2,80
Boreas MS LED1x6100 D350 T730 LSA2	338	280	60	5734	52,9	108	70+	3000	2,80
Boreas MM LED1x8800 D351 T730 LSA2	444	353	66	8277	68,9	120	70+	3000	5,00
Boreas MM LED1x12100 D352 T730 LSA2	444	353	66	11469	105,8	108	70+	3000	5,00
Boreas MB LED1x15100 D353 T730 LSA2	515	420	87	14336	132,2	108	70+	3000	7,60
Boreas MB LED1x18200 D354 T730 LSA2	515	420	87	17203	158,7	108	70+	3000	7,60
Boreas MB LED1x24200 D355 T730 LSA2	515	420	87	22937	211,6	108	70+	3000	7,60
Boreas MS LED1x4400 D349 T740 LSA2	338	280	60	4319	34,4	125	70+	4000	2,80
Boreas MS LED1x6100 D350 T740 LSA2	338	280	60	6036	52,9	114	70+	4000	2,80
Boreas MM LED1x8800 D351 T740 LSA2	444	353	66	8712	68,9	126	70+	4000	5,00
Boreas MM LED1x12100 D352 T740 LSA2	444	353	66	12072	105,8	114	70+	4000	5,00
Boreas MB LED1x15100 D353 T740 LSA2	515	420	87	15090	132,2	114	70+	4000	7,60
Boreas MB LED1x18200 D354 T740 LSA2	515	420	87	18108	158,7	114	70+	4000	7,60
Boreas MB LED1x24200 D355 T740 LSA2	515	420	87	24144	211,6	114	70+	4000	7,60
Boreas MS LED1x4400 D349 T730 LSM1	338	280	60	4056	34,4	118	70+	3000	2,80
Boreas MS LED1x6100 D350 T730 LSM1	338	280	60	5668	52,9	107	70+	3000	2,80
Boreas MM LED1x8800 D351 T730 LSM1	444	353	66	8181	68,9	119	70+	3000	5,00
Boreas MM LED1x12100 D352 T730 LSM1	444	353	66	11337	105,8	107	70+	3000	5,00
Boreas MB LED1x15100 D353 T730 LSM1	515	420	87	14171	132,2	107	70+	3000	7,60
Boreas MB LED1x18200 D354 T730 LSM1	515	420	87	17005	158,7	107	70+	3000	7,60
Boreas MB LED1x24200 D355 T730 LSM1	515	420	87	22673	211,6	107	70+	3000	7,60
Boreas MS LED1x4400 D349 T740 LSM1	338	280	60	4269	34,4	124	70+	4000	2,80
Boreas MS LED1x6100 D350 T740 LSM1	338	280	60	5967	52,9	113	70+	4000	2,80
Boreas MM LED1x8800 D351 T740 LSM1	444	353	66	8612	68,9	125	70+	4000	5,00
Boreas MM LED1x12100 D352 T740 LSM1	444	353	66	11933	105,8	113	70+	4000	5,00
Boreas MB LED1x15100 D353 T740 LSM1	515	420	87	14917	132,2	113	70+	4000	7,60
Boreas MB LED1x18200 D354 T740 LSM1	515	420	87	17900	158,7	113	70+	4000	7,60
Boreas MB LED1x24200 D355 T740 LSM1	515	420	87	23867	211,6	113	70+	4000	7,60

* tolerance range for optical and electrical data: ±10%. Values apply to an ambient temperature of 25°C

Available options:

DALI	Driver with DALI interface
CDIM	Driver dimming with the help of a control line
ADIM	Driver with autonomous two-level dimming
<i>*note - for power above 160W use two DALI, CDIM, ADIM option price</i>	
LS12	Optics with 12x12° beam angle
LS30	Optics with 30x30° beam angle
LS45	Optics with 45x45° beam angle
LS60	Optics with 60x60° beam angle
LS90	Optics with 90x90° beam angle
LSA1	Optic with asymmetric beam LSA1
LSA2	Optic with asymmetric beam LSA2
LSM1	Optic with asymmetric beam LSM1
RAL	RAL colour
T730	Colour temperature 3000K, CRI 70+
T740	Colour temperature 4000K, CRI 70+
T750	Colour temperature 5000K, CRI 70+

