

Industrial High Bays VYRTYCH BERGER-LED IP66 - IK10

LED Industrial High Bay Vyrtych BERGER-LED

Professional Robust LED High Bay designed for production halls, heavy industry and outdoor workspaces. Housing made of extremely durable aluminium (RAL7043). Cover made of clear tempered safety glass. Optic system inside guarantees various lumen curves for different applications. High quality electronic components guarantee high efficiency up to **167 lm/W** and extremely long lifetime 100.000h even at high temperatures. Modular system allows to choose the luminous output according to the project needs. Dust and water proof with a rating of IP66. It can be operated at **ambient temperatures from -40 °C - +70 °C**. Excellent heat dissipation due to the additional cooling of each luminaire module. For suspended or surface mounting. Adjustable bracket (to order separately) allows a wide variety of applications.

Ballast: EP – electronic 220 – 240 V, 50/60 Hz.

Light source: LED, 4000K, CRI +80, MacAdam3.

Housing: Aluminium profile RAL 7043.

Diffuser: Clear tempered safety glass.

Fastening: Suspended by means of brackets or surface mounted by means of adjustable bracket.

The adjustable bracket is an optional item and has to be ordered separately.

Connection: By means of 2 meter cable. FROST/T40/T50/T60 versions are standard equipped with plastic cable gland, T70 version is standard equipped with metal cable gland.

Standard equipment: 4x stainless steel suspending M5 bracket, 2 meter cable (3x1.5 mm²).

Calculated lifetime – LED modules: L90B50 ta25 – 50.000h, L80B50 ta25 – 150.000h, L70B50 Ta70 – 100.000h.

The lighting fixture meets photobiological safety according to the standard CSN EN 62471:2009.

Suitable for persons with high sensitivity to UV radiation and blue spectrum part.

Mark indicating compliance with the relevant regulations for electromagnetic compatibility (EMC).

Tolerance of luminous flux and power input of the lighting fixture +/- 10%.

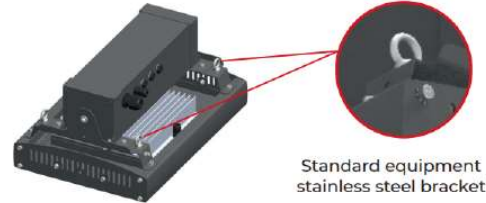
On request color temperatures 2.700 - 3.000 - **4.000 (standard color)** - 5.000 - 5.700 or 6.500K.

Dimmable electronic ballasts (DALI). Accessories on request Adjustable bracket BERGER.

Certified galvanized hanger cable BERGER 0,3m - Y (set 2 pcs) for 2-point mounting indoor areas only.

Manufacturers warranty, 5 years.

VYRTYCH



Standard equipment stainless steel bracket

BERGER-LED

IP66

Standard equipment - stainless steel bracket

Adjustable bracket on request only

CE

EMC

Ta -40°C min

EVG

EVG DIMM

220-240V
50-60 Hz

LED

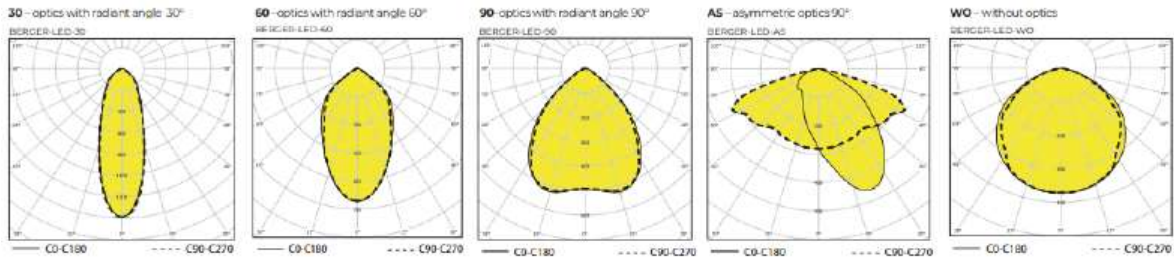
5 years Warranty

UV

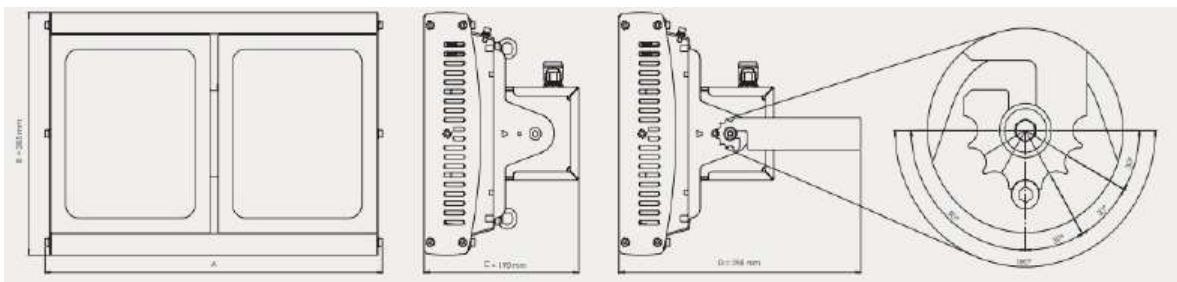
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De Optics are specified in the table with article numbers in the description column.



The BERGER-LED is available in versions of 1-module, 2-modules, 3-modules and 4-modules.

The BERGER-LED is available in versions for an ambient temperature of Ta 50°C, Ta 60°C, Ta 70°C and a special FROST version for Ta -40°C which makes it ideal for cold stores with subzero temperatures.

Product made in Europe - Czech Republic.

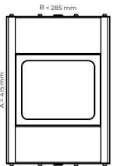
Choice in luminous flux from 8.000 up to 43.000 lumen.

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Article No.	Description	Lumen	Power Input W	lm/W	Ta (°C)	Dimensions AxBxC mm	Nr. LED Modules	Weight (Kg)
83VT080973	BERGER-LED-T50-30-12200-4K-1M	10.031	69	145	-20°C/+50°C	415x285x190	1	8,5
83VT080970	BERGER-LED-T50-60-12200-4K-1M	10.767	69	156	-20°C/+50°C	415x285x190	1	8,5
83VT080971	BERGER-LED-T50-90-12200-4K-1M	10.922	69	158	-20°C/+50°C	415x285x190	1	8,5
83VT080974	BERGER-LED-T50-AS-12200-4K-1M	9.700	69	141	-20°C/+50°C	415x285x190	1	8,5
83VT080972	BERGER-LED-T50-WO-12200-4K-1M	10.566	69	153	-20°C/+50°C	415x285x190	1	8,5

Article No.	Description	Lumen	Power Input W	lm/W	Ta (°C)	Dimensions AxBxC mm	Nr. LED Modules	Weight (Kg)
83VT080913	BERGER-LED-T60-30-9900-4K-1M	8.219	54	152	-20°C/+60°C	415x285x190	1	8,5
83VT080910	BERGER-LED-T60-60-9900-4K-1M	8.798	54	163	-20°C/+60°C	415x285x190	1	8,5
83VT080911	BERGER-LED-T60-90-9900-4K-1M	8.933	54	165	-20°C/+60°C	415x285x190	1	8,5
83VT080914	BERGER-LED-T60-AS-9900-4K-1M	7.947	54	147	-20°C/+60°C	415x285x190	1	8,5
83VT080912	BERGER-LED-T60-WO-9900-4K-1M	8.621	54	160	-20°C/+60°C	415x285x190	1	8,5

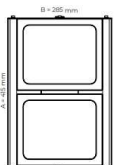


Article No.	Description	Lumen	Power Input W	lm/W	Ta (°C)	Dimensions AxBxC mm	Nr. LED Modules	Weight (Kg)
83VT080933	BERGER-LED-T70-30-6350-4K-1M	5.297	33	161	-20°C/+70°C	415x285x190	1	8,5
83VT080930	BERGER-LED-T70-60-6350-4K-1M	5.665	33	172	-20°C/+70°C	415x285x190	1	8,5
83VT080931	BERGER-LED-T70-90-6350-4K-1M	5.764	33	175	-20°C/+70°C	415x285x190	1	8,5
83VT080934	BERGER-LED-T70-AS-6350-4K-1M	5.129	33	155	-20°C/+70°C	415x285x190	1	8,5
83VT080932	BERGER-LED-T70-WO-6350-4K-1M	5.580	33	169	-20°C/+70°C	415x285x190	1	8,5

Article No.	Description	Lumen	Power Input W	lm/W	Ta (°C)	Dimensions AxBxC mm	Nr. LED Modules	Weight (Kg)
83VT080953	BERGER-LED-FROST-30-9900-4K-1M	8.219	54	152	-40°C/+50°C	415x285x190	1	8,5
83VT080950	BERGER-LED-FROST-60-9900-4K-1M	8.798	54	163	-40°C/+50°C	415x285x190	1	8,5
83VT080951	BERGER-LED-FROST-90-9900-4K-1M	8.933	54	165	-40°C/+50°C	415x285x190	1	8,5
83VT080954	BERGER-LED-FROST-AS-9900-4K-1M	7.947	54	147	-40°C/+50°C	415x285x190	1	8,5
83VT080952	BERGER-LED-FROST-WO-9900-4K-1M	8.621	54	160	-40°C/+50°C	415x285x190	1	8,5

Article No.	Description	Lumen	Power Input W	lm/W	Ta (°C)	Dimensions AxBxC mm	Nr. LED Modules	Weight (Kg)
83VT080978	BERGER-LED-T50-30-24400-4K-2M	20.061	136	148	-20°C/+50°C	415x285x190	2	11
83VT080975	BERGER-LED-T50-60-24400-4K-2M	21.534	136	158	-20°C/+50°C	415x285x190	2	11
83VT080976	BERGER-LED-T50-90-24400-4K-2M	21.844	136	161	-20°C/+50°C	415x285x190	2	11
83VT080979	BERGER-LED-T50-AS-24400-4K-2M	19.399	136	143	-20°C/+50°C	415x285x190	2	11
83VT080977	BERGER-LED-T50-WO-24400-4K-2M	21.132	136	155	-20°C/+50°C	415x285x190	2	11

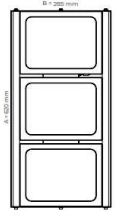
Article No.	Description	Lumen	Power Input W	lm/W	Ta (°C)	Dimensions AxBxC mm	Nr. LED Modules	Weight (Kg)
83VT080918	BERGER-LED-T60-30-19800-4K-2M	16.439	107	154	-20°C/+60°C	415x285x190	2	11
83VT080915	BERGER-LED-T60-60-19800-4K-2M	17.597	107	164	-20°C/+60°C	415x285x190	2	11
83VT080916	BERGER-LED-T60-90-19800-4K-2M	17.866	107	167	-20°C/+60°C	415x285x190	2	11
83VT080919	BERGER-LED-T60-AS-19800-4K-2M	15.985	107	149	-20°C/+60°C	415x285x190	2	11
83VT080917	BERGER-LED-T60-WO-19800-4K-2M	17.243	107	161	-20°C/+60°C	415x285x190	2	11



Article No.	Description	Lumen	Power Input W	lm/W	Ta (°C)	Dimensions AxBxC mm	Nr. LED Modules	Weight (Kg)
83VT080938	BERGER-LED-T70-30-12700-4K-2M	10.595	67	158	-20°C/+70°C	415x285x190	2	11
83VT080935	BERGER-LED-T70-60-12700-4K-2M	11.331	67	169	-20°C/+70°C	415x285x190	2	11
83VT080936	BERGER-LED-T70-90-12700-4K-2M	11.528	67	172	-20°C/+70°C	415x285x190	2	11
83VT080939	BERGER-LED-T70-AS-12700-4K-2M	10.259	67	153	-20°C/+70°C	415x285x190	2	11
83VT080937	BERGER-LED-T70-WO-12700-4K-2M	11.160	67	167	-20°C/+70°C	415x285x190	2	11

Article No.	Description	Lumen	Power Input W	lm/W	Ta (°C)	Dimensions AxBxC mm	Nr. LED Modules	Weight (Kg)
83VT080958	BERGER-LED-FROST-30-19800-4K-2M	16.439	107	164	-40°C/+50°C	415x285x190	2	11
83VT080955	BERGER-LED-FROST-60-19800-4K-2M	17.597	107	164	-40°C/+50°C	415x285x190	2	11
83VT080956	BERGER-LED-FROST-90-19800-4K-2M	17.866	107	167	-40°C/+50°C	415x285x190	2	11
83VT080959	BERGER-LED-FROST-AS-19800-4K-2M	15.895	107	149	-40°C/+50°C	415x285x190	2	11
83VT080957	BERGER-LED-FROST-WA-19800-4K-2M	17.243	107	161	-40°C/+50°C	415x285x190	2	11

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Article No.	Description	Lumen	Power Input W	lm/W	Ta (°C)	Dimensions AxBxC mm	Nr. LED Modules	Weight (Kg)
83VT080903	BERGER-LED-T50-30-36600-4K-3M	29.811	204	146	-20°C/+50°C	620x285x190	3	14
83VT080900	BERGER-LED-T50-60-36600-4K-3M	32.251	204	158	-20°C/+50°C	620x285x190	3	14
83VT080901	BERGER-LED-T50-90-36600-4K-3M	32.725	204	160	-20°C/+50°C	620x285x190	3	14
83VT080904	BERGER-LED-T50-AS-36600-4K-3M	29.159	204	143	-20°C/+50°C	620x285x190	3	14
83VT080902	BERGER-LED-T50-WO-36600-4K-3M	31.659	204	155	-20°C/+50°C	620x285x190	3	14

Article No.	Description	Lumen	Power Input W	lm/W	Ta (°C)	Dimensions AxBxC mm	Nr. LED Modules	Weight (Kg)
83VT080923	BERGER-LED-T60-30-26200-4K-3M	21.603	144	150	-20°C/+60°C	620x285x190	3	14
83VT080920	BERGER-LED-T60-60-26200-4K-3M	23.407	144	163	-20°C/+60°C	620x285x190	3	14
83VT080921	BERGER-LED-T60-90-26200-4K-3M	23.622	144	164	-20°C/+60°C	620x285x190	3	14
83VT080924	BERGER-LED-T60-AS-26200-4K-3M	21.059	144	146	-20°C/+60°C	620x285x190	3	14
83VT080922	BERGER-LED-T60-WO-26200-4K-3M	22.899	144	159	-20°C/+60°C	620x285x190	3	14

Article No.	Description	Lumen	Power Input W	lm/W	Ta (°C)	Dimensions AxBxC mm	Nr. LED Modules	Weight (Kg)
83VT080943	BERGER-LED-T70-30-17800-4K-3M	14.747	94	157	-20°C/+70°C	620x285x190	3	14
83VT080940	BERGER-LED-T70-60-17800-4K-3M	16.002	94	170	-20°C/+70°C	620x285x190	3	14
83VT080941	BERGER-LED-T70-90-17800-4K-3M	16.130	94	172	-20°C/+70°C	620x285x190	3	14
83VT080944	BERGER-LED-T70-AS-17800-4K-3M	14.345	94	153	-20°C/+70°C	620x285x190	3	14
83VT080942	BERGER-LED-T70-WO-17800-4K-3M	15.641	94	166	-20°C/+70°C	620x285x190	3	14

Article No.	Description	Lumen	Power Input W	lm/W	Ta (°C)	Dimensions AxBxC mm	Nr. LED Modules	Weight (Kg)
83VT080963	BERGER-LED-FROST-30-26200-4K-3M	21.603	144	150	-40°C/+50°C	620x285x190	3	14
83VT080960	BERGER-LED-FROST-60-26200-4K-3M	23.407	144	163	-40°C/+50°C	620x285x190	3	14
83VT080961	BERGER-LED-FROST-90-26200-4K-3M	23.622	144	164	-40°C/+50°C	620x285x190	3	14
83VT080964	BERGER-LED-FROST-AS-26200-4K-3M	21.059	144	146	-40°C/+50°C	620x285x190	3	14
83VT080962	BERGER-LED-FROST-WO-26200-4K-3M	22.899	144	159	-40°C/+50°C	620x285x190	3	14

Article No.	Description	Lumen	Power Input W	lm/W	Ta (°C)	Dimensions AxBxC mm	Nr. LED Modules	Weight (Kg)
83VT080908	BERGER-LED-T50-30-48800-4K-4M	39.749	287	138	-20°C/+50°C	825x285x190	4	17
83VT080905	BERGER-LED-T50-60-36600-4K-3M	43.002	287	150	-20°C/+50°C	825x285x190	4	17
83VT080906	BERGER-LED-T50-90-36600-4K-3M	43.634	287	152	-20°C/+50°C	825x285x190	4	17
83VT080909	BERGER-LED-T50-AS-36600-4K-3M	38.879	287	135	-20°C/+50°C	825x285x190	4	17
83VT080907	BERGER-LED-T50-WO-36600-4K-3M	42.212	287	147	-20°C/+50°C	825x285x190	4	17

Article No.	Description	Lumen	Power Input W	lm/W	Ta (°C)	Dimensions AxBxC mm	Nr. LED Modules	Weight (Kg)
83VT080928	BERGER-LED-T60-30-30200-4K-4M	24.497	163	153	-20°C/+60°C	825x285x190	4	17
83VT080925	BERGER-LED-T60-60-30200-4K-4M	26.977	163	166	-20°C/+60°C	825x285x190	4	17
83VT080926	BERGER-LED-T60-90-30200-4K-4M	27.224	163	167	-20°C/+60°C	825x285x190	4	17
83VT080929	BERGER-LED-T60-AS-30200-4K-4M	24.271	163	149	-20°C/+60°C	825x285x190	4	17
83VT080927	BERGER-LED-T60-WO-30200-4K-4M	26.391	163	162	-20°C/+60°C	825x285x190	4	17

Article No.	Description	Lumen	Power Input W	lm/W	Ta (°C)	Dimensions AxBxC mm	Nr. LED Modules	Weight (Kg)
83VT080948	BERGER-LED-T70-30-24150-4K-4M	20.012	122	164	-20°C/+70°C	825x285x190	4	17
83VT080945	BERGER-LED-T70-60-24150-4K-4M	21.714	122	178	-20°C/+70°C	825x285x190	4	17
83VT080946	BERGER-LED-T70-90-24150-4K-4M	21.888	122	179	-20°C/+70°C	825x285x190	4	17
83VT080949	BERGER-LED-T70-AS-24150-4K-4M	19.466	122	160	-20°C/+70°C	825x285x190	4	17
83VT080947	BERGER-LED-T70-WO-24150-4K-4M	21.224	122	174	-20°C/+70°C	825x285x190	4	17

Article No.	Description	Lumen	Power Input W	lm/W	Ta (°C)	Dimensions AxBxC mm	Nr. LED Modules	Weight (Kg)
83VT080968	BERGER-LED-FROST-30-30200-4K-4M	24.897	163	153	-40°C/+50°C	825x285x190	4	17
83VT080965	BERGER-LED-FROST-60-30200-4K-4M	26.977	163	166	-40°C/+50°C	825x285x190	4	17
83VT080966	BERGER-LED-FROST-90-30200-4K-4M	27.224	163	167	-40°C/+50°C	825x285x190	4	17
83VT080969	BERGER-LED-FROST-AS-30200-4K-4M	24.271	163	149	-40°C/+50°C	825x285x190	4	17
83VT080967	BERGER-LED-FROST-WO-30200-4K-4M	26.391	163	162	-40°C/+50°C	825x285x190	4	17

Industrial High Bays VYRTYCH BERGER-LED IP66 - IK10

BERGER LED ACCESSORIES

Article No.	Description
83VT051229	Adjustable bracket BERGER (painted steel, colour grey RAL 7043)
83VT051235	Certified galvanized hanger cable BERGER 0,3m - Y (set 2 pcs) for 2-point mounting in indoor areas only.

