TUBA IP69K ENDURA

GENERAL CARD



TECHNICAL PARAMETERS

Ingress protection:	IP69K
Impact resistance:	IK05; IK06; IK10
Rated power of the luminaire [W]*:	10.00 - 59.00
Luminous flux [lm]*:	1350 - 11150
Colour temperature [K]:	4000
Material of the body:	stainless steel
Diffuser material:	PC; PMMA; glass
Optics material:	PC
Mounting version:	surface, suspended
Dimensions (H/W/T/S) [mm]:	660/64.5; 1281/64.5;

CHARACTERISTICS

The Tuba IP69K ENDURA is a cylindrical luminaire for special tasks – where other solutions fail. The ENDURA version, with a separate power supply box, is designed for extreme temperature conditions – up to 50 (70) °C. It combines the highest tightness, chemical resistance and mechanical durability. Compliance with the IP69K standard means full protection against dust (IP6X) and complete resistance to water under extremely high pressure (100 bar) at 80°C (IPX9K). This makes the luminaire ideal for areas requiring intensive cleaning, including with strong water jets and detergents. The Tuba IP69K ENDURA is designed to operate in the most demanding conditions. Made of chemically resistant materials: PMMA and extremely resistant borosilicate glass, it ensures exceptional durability even in aggressive industrial environments. The acid-resistant steel end caps eliminate the risk of corrosion, and its resistance to ammonia and animal gases makes it the ideal solution for breeding and processing facilities. Thanks to the use of a decompression valve, the luminaire can easily withstand sudden temperature changes, and the highest impact resistance class IK10 (for the PC version) guarantees reliability in the most difficult operating conditions. The Tuba IP69K ENDURA achieves up to 194 lm/W, meeting the requirements of the highest energy class A. Through-wiring versions, various light distributions and two lengths (630 and 1220 mm) are available. In addition, versions with UGR<19, UGR<22, UGR<25 ensure visual comfort even in demanding applications. Minimalist design, ease of installation and maintenance make the IP69K Tuba a reliable and timeless solution.
UGR < 19
Unified Glare Rating is an indicator of glare. The lower the Unified Glare Rating (UGR), the lower the glare.

APPLICATION

Ideal for places requiring regular high-pressure cleaning, such as car washes, sewage treatment plants, food processing plants and slaughterhouses. It performs excellently in environments with high humidity, extreme negative and positive temperatures, and aggressive vapours – from cold stores and freezers to mushroom farms, animal and plant breeding facilities, and heavy industry. Thanks to its superior chemical, mechanical and thermal resistance, it is a reliable solution for industry.

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AVAILABLE VERSIONS

Click index >>, to see details

TUBA IP69K Endura 1281/64.5mm

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Beam angle [°]	Impact resistance	Diffuser material	DIMM DALI	Light distribution type	Optics	Working temperature [°C]	Dimensions (H/W/T/S) [mm]	Index
40	4000	7750	120	IK05	PMMA		symmetric		from -25 to +70	1281/64.5	>> 013652
40	4000	7200	120	IK10	PC		symmetric		from -25 to +70	1281/64.5	>> 013706
40	4000	7750	120	IK06	glass		symmetric		from -25 to +70	1281/64.5	>> 013751
40	4000	6750	105	IK05	PMMA		symmetric		from -25 to +70	1281/64.5	>> 013805
40	4000	6200	105	IK10	PC		symmetric		from -25 to +70	1281/64.5	>> 013829
40	4000	6750	105	IK06	glass		symmetric		from -25 to +70	1281/64.5	>> 013843
40	4000	7200	105	IK05	PMMA		VW		from -25 to +70	1281/64.5	>> 013867
40	4000	6750	105	IK10	PC		VW		from -25 to +70	1281/64.5	>> 013881
40	4000	7200	105	IK06	glass		VW		from -25 to +70	1281/64.5	>> 013904
40	4000	7200	90	IK05	PMMA		MW		from -25 to +70	1281/64.5	>> 013928
40	4000	6750	90	IK10	PC		MW		from -25 to +70	1281/64.5	>> 013942
40	4000	7200	90	IK06	glass		MW		from -25 to +70	1281/64.5	>> 013966
40	4000	7150	65	IK05	PMMA		SN		from -25 to +70	1281/64.5	>> 013980
40	4000	6650	65	IK10	PC		SN		from -25 to +70	1281/64.5	>> 014024
40	4000	7150	65	IK06	glass		SN		from -25 to +70	1281/64.5	>> 014048
40	4000	6850	90	IK06	glass		MW MAT		from -25 to +70	1281/64.5	>> 211294
40	4000	6850	90	IK06	glass		SW MAT		from -25 to +70	1281/64.5	>> 212178
40	4000	6850	90	IK06	glass		VW MAT		from -25 to +70	1281/64.5	>> 214059
40	4000	6950	90	IK06	glass		SA MAT		from -25 to +70	1281/64.5	>> 215803
40	4000	6950	90	IK06	glass		SN MAT		from -25 to +70	1281/64.5	>> 214929
40	4000	7100	90	IK06	glass		DAN MAT		from -25 to +70	1281/64.5	>> 217760
40	4000	6450	90	IK10	PC		MW MAT		from -25 to +70	1281/64.5	>> 211270
40	4000	6450	90	IK10	PC		SW MAT		from -25 to +70	1281/64.5	>> 212154
40	4000	6450	90	IK10	PC		VW MAT		from -25 to +70	1281/64.5	>> 214035
40	4000	6500	90	IK10	PC		SA MAT		from -25 to +70	1281/64.5	>> 215780
40	4000	6500	90	IK10	PC		SN MAT		from -25 to +70	1281/64.5	>> 214905
40	4000	6650	90	IK10	PC		DAN MAT		from -25 to +70	1281/64.5	>> 217746
40	4000	6850	90	IK05	PMMA		MW MAT		from -25 to +70	1281/64.5	>> 211256
40	4000	6850	90	IK05	PMMA		SW MAT		from -25 to +70	1281/64.5	>> 212130
40	4000	6850	90	IK05	PMMA		VW MAT		from -25 to +70	1281/64.5	>> 214011
40	4000	6950	90	IK05	PMMA		SA MAT		from -25 to +70	1281/64.5	>> 215766
40	4000	6950	90	IK05	PMMA		SN MAT		from -25 to +70	1281/64.5	>> 214882
40	4000	7100	90	IK05	PMMA		DAN MAT		from -25 to +70	1281/64.5	>> 217722

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Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Beam angle [°]	Impact resistance	Diffuser material	DIMM DALI	Light distribution type	Optics	Working temperature [°C]	Dimensions (H/W/T/S) [mm]	Index
40	4000	6850	90	IK06	glass		MW MAT	2 rows	from -25 to +70	1281/64.5	>> 211294/2
40	4000	6850	90	IK06	glass		SW MAT	2 rows	from -25 to +70	1281/64.5	>> 212178/2
40	4000	6850	90	IK06	glass		VW MAT	2 rows	from -25 to +70	1281/64.5	>> 214059/2
40	4000	6950	90	IK06	glass		SA MAT	2 rows	from -25 to +70	1281/64.5	>> 215803/2
40	4000	7100	90	IK06	glass		DAN MAT	2 rows	from -25 to +70	1281/64.5	>> 217760/2
40	4000	7200	90	IK06	glass		MW	2 rows	from -25 to +70	1281/64.5	>> 013966/2
40	4000	7200	105	IK06	glass		VW	2 rows	from -25 to +70	1281/64.5	>> 013904/2
40	4000	6450	90	IK10	PC		MW MAT	2 rows	from -25 to +70	1281/64.5	>> 211270/2
40	4000	6450	90	IK10	PC		SW MAT	2 rows	from -25 to +70	1281/64.5	>> 212154/2
40	4000	6450	90	IK10	PC		VW MAT	2 rows	from -25 to +70	1281/64.5	>> 214035/2
40	4000	6500	90	IK10	PC		SA MAT	2 rows	from -25 to +70	1281/64.5	>> 215780/2
40	4000	6650	90	IK10	PC		DAN MAT	2 rows	from -25 to +70	1281/64.5	>> 217746/2
40	4000	6750	90	IK10	PC		MW	2 rows	from -25 to +70	1281/64.5	>> 013942/2
40	4000	6750	105	IK10	PC		VW	2 rows	from -25 to +70	1281/64.5	>> 013881/2
40	4000	6850	90	IK05	PMMA		MW MAT	2 rows	from -25 to +70	1281/64.5	>> 211256/2
40	4000	6850	90	IK05	PMMA		SW MAT	2 rows	from -25 to +70	1281/64.5	>> 212130/2
40	4000	6850	90	IK05	PMMA		VW MAT	2 rows	from -25 to +70	1281/64.5	>> 214011/2
40	4000	6950	90	IK05	PMMA		SA MAT	2 rows	from -25 to +70	1281/64.5	>> 215766/2
40	4000	7100	90	IK05	PMMA		DAN MAT	2 rows	from -25 to +70	1281/64.5	>> 217722/2
40	4000	7200	90	IK05	PMMA		MW	2 rows	from -25 to +70	1281/64.5	>> 013928/2
40	4000	7200	105	IK05	PMMA		VW	2 rows	from -25 to +70	1281/64.5	>> 013867/2
59	4000	11150	120	IK05	PMMA		symmetric		from -25 to +50	1281/64.5	>> 013669
59	4000	11150	120	IK05	PMMA	yes	symmetric		from -25 to +50	1281/64.5	>> 013676
59	4000	9700	105	IK05	PMMA	yes	symmetric	matrix lens	from -25 to +50	1281/64.5	>> 013683

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Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Beam angle [°]	Impact resistance	Diffuser material	DIMM DALI	Light distribution type	Optics	Working temperature [°C]	Dimensions (H/W/T/S) [mm]	Index
59	4000	10400	105	IK05	PMMA	yes	VW	matrix lens	from -25 to +50	1281/64.5	>> 013690
59	4000	10450	120	IK10	PC		symmetric		from -25 to +50	1281/64.5	>> 013713
59	4000	10450	120	IK10	PC	yes	symmetric		from -25 to +50	1281/64.5	>> 013720
59	4000	9000	105	IK10	PC	yes	symmetric	matrix lens	from -25 to +50	1281/64.5	>> 013737
59	4000	9650	105	IK10	PC	yes	VW	matrix lens	from -25 to +50	1281/64.5	>> 013744
59	4000	11150	120	IK06	glass		symmetric		from -25 to +50	1281/64.5	>> 013768
59	4000	11150	120	IK06	glass	yes	symmetric		from -25 to +50	1281/64.5	>> 013775
59	4000	9700	105	IK06	glass	yes	symmetric		from -25 to +50	1281/64.5	>> 013782
59	4000	10400	105	IK06	glass	yes	VW		from -25 to +50	1281/64.5	>> 013799
59	4000	9700	105	IK05	PMMA		symmetric		from -25 to +50	1281/64.5	>> 013812
59	4000	9000	105	IK10	PC		symmetric		from -25 to +50	1281/64.5	>> 013836
59	4000	9700	105	IK06	glass		symmetric		from -25 to +50	1281/64.5	>> 013850
59	4000	10400	105	IK05	PMMA		VW		from -25 to +50	1281/64.5	>> 013874
59	4000	9650	105	IK10	PC		VW		from -25 to +50	1281/64.5	>> 013898
59	4000	10400	105	IK06	glass		VW		from -25 to +50	1281/64.5	>> 013911
59	4000	10400	90	IK05	PMMA		MW		from -25 to +50	1281/64.5	>> 013935
59	4000	9650	90	IK10	PC		MW		from -25 to +50	1281/64.5	>> 013959
59	4000	10400	90	IK06	glass		MW		from -25 to +50	1281/64.5	>> 013973
59	4000	10350	65	IK05	PMMA		SN		from -25 to +50	1281/64.5	>> 013997
59	4000	9600	65	IK10	PC		SN		from -25 to +50	1281/64.5	>> 014031
59	4000	10350	65	IK06	glass		SN		from -25 to +50	1281/64.5	>> 014055
59	4000	10400	80	IK05	PMMA		SW		from -25 to +50	1281/64.5	>> 014062
59	4000	9650	80	IK10	PC		SW		from -25 to +50	1281/64.5	>> 014079
59	4000	10400	80	IK06	glass		SW		from -25 to +50	1281/64.5	>> 014086

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Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Beam angle [°]	Impact resistance	Diffuser material	DIMM DALI	Light distribution type	Optics	Working temperature [°C]	Dimensions (H/W/T/S) [mm]	Index
59	4000	10350	35/67	IK05	PMMA		CN		from -25 to +50	1281/64.5	>> 014093
59	4000	9600	35/67	IK10	PC		CN		from -25 to +50	1281/64.5	>> 014116
59	4000	10350	35/67	IK06	glass		CN		from -25 to +50	1281/64.5	>> 014130
59	4000	10350	30	IK05	PMMA		VN		from -25 to +50	1281/64.5	>> 014147
59	4000	9600	30	IK10	PC		VN		from -25 to +50	1281/64.5	>> 014154
59	4000	10350	30	IK06	glass		VN		from -25 to +50	1281/64.5	>> 014161
59	4000	10100	asymetric	IK05	PMMA		SA		from -25 to +50	1281/64.5	>> 014178
59	4000	9400	asymetric	IK10	PC		SA		from -25 to +50	1281/64.5	>> 014185
59	4000	10100	asymetric	IK06	glass		SA		from -25 to +50	1281/64.5	>> 014192
59	4000	10050	butterfly	IK05	PMMA		DAN		from -25 to +50	1281/64.5	>> 014215
59	4000	9350	butterfly	IK10	PC		DAN		from -25 to +50	1281/64.5	>> 014222
59	4000	10050	butterfly	IK06	glass		DAN		from -25 to +50	1281/64.5	>> 014239
59	4000	10400	90	IK05	PMMA	yes	MW		from -25 to +50	1281/64.5	>> 014246
59	4000	9650	90	IK10	PC	yes	MW		from -25 to +50	1281/64.5	>> 014277
59	4000	10400	90	IK06	glass	yes	MW		from -25 to +50	1281/64.5	>> 014284
59	4000	10350	65	IK05	PMMA	yes	SN		from -25 to +50	1281/64.5	>> 014291
59	4000	9600	65	IK10	PC	yes	SN		from -25 to +50	1281/64.5	>> 014314
59	4000	10350	65	IK06	glass	yes	SN		from -25 to +50	1281/64.5	>> 014321
59	4000	10000	90	IK06	glass	yes	SA MAT		from -25 to +50	1281/64.5	>> 215841
59	4000	10000	90	IK06	glass	yes	SN MAT		from -25 to +50	1281/64.5	>> 214967
59	4000	10000	90	IK06	glass		SA MAT		from -25 to +50	1281/64.5	>> 215810
59	4000	10000	90	IK06	glass		SN MAT		from -25 to +50	1281/64.5	>> 214936
59	4000	10250	90	IK06	glass	yes	DAN MAT		from -25 to +50	1281/64.5	>> 217807
59	4000	10250	90	IK06	glass		DAN MAT		from -25 to +50	1281/64.5	>> 217777

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Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Beam angle [°]	Impact resistance	Diffuser material	DIMM DALI	Light distribution type	Optics	Working temperature [°C]	Dimensions (H/W/T/S) [mm]	Index
59	4000	9900	90	IK06	glass	yes	MW MAT		from -25 to +50	1281/64.5	>> 211331
59	4000	9900	90	IK06	glass	yes	SW MAT		from -25 to +50	1281/64.5	>> 212215
59	4000	9900	90	IK06	glass	yes	VW MAT		from -25 to +50	1281/64.5	>> 214097
59	4000	9900	90	IK06	glass		MW MAT		from -25 to +50	1281/64.5	>> 211300
59	4000	9900	90	IK06	glass		SW MAT		from -25 to +50	1281/64.5	>> 212185
59	4000	9900	90	IK06	glass		VW MAT		from -25 to +50	1281/64.5	>> 214066
59	4000	9200	90	IK10	PC	yes	MW MAT		from -25 to +50	1281/64.5	>> 211324
59	4000	9200	90	IK10	PC	yes	SW MAT		from -25 to +50	1281/64.5	>> 212208
59	4000	9200	90	IK10	PC	yes	VW MAT		from -25 to +50	1281/64.5	>> 214080
59	4000	9200	90	IK10	PC		MW MAT		from -25 to +50	1281/64.5	>> 211287
59	4000	9200	90	IK10	PC		SW MAT		from -25 to +50	1281/64.5	>> 212161
59	4000	9200	90	IK10	PC		VW MAT		from -25 to +50	1281/64.5	>> 214042
59	4000	9300	90	IK10	PC	yes	SA MAT		from -25 to +50	1281/64.5	>> 215834
59	4000	9300	90	IK10	PC	yes	SN MAT		from -25 to +50	1281/64.5	>> 214950
59	4000	9300	90	IK10	PC		SA MAT		from -25 to +50	1281/64.5	>> 215797
59	4000	9300	90	IK10	PC		SN MAT		from -25 to +50	1281/64.5	>> 214912
59	4000	9500	90	IK10	PC	yes	DAN MAT		from -25 to +50	1281/64.5	>> 217791
59	4000	9500	90	IK10	PC		DAN MAT		from -25 to +50	1281/64.5	>> 217753
59	4000	10000	90	IK05	PMMA	yes	SA MAT		from -25 to +50	1281/64.5	>> 215827
59	4000	10000	90	IK05	PMMA	yes	SN MAT		from -25 to +50	1281/64.5	>> 214943
59	4000	10000	90	IK05	PMMA		SA MAT		from -25 to +50	1281/64.5	>> 215773
59	4000	10000	90	IK05	PMMA		SN MAT		from -25 to +50	1281/64.5	>> 214899
59	4000	10250	90	IK05	PMMA	yes	DAN MAT		from -25 to +50	1281/64.5	>> 217784
59	4000	10250	90	IK05	PMMA		DAN MAT		from -25 to +50	1281/64.5	>> 217739

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Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Beam angle [°]	Impact resistance	Diffuser material	DIMM DALI	Light distribution type	Optics	Working temperature [°C]	Dimensions (H/W/T/S) [mm]	Index
59	4000	9900	90	IK05	PMMA	yes	MW MAT		from -25 to +50	1281/64.5	>> 211317
59	4000	9900	90	IK05	PMMA	yes	SW MAT		from -25 to +50	1281/64.5	>> 212192
59	4000	9900	90	IK05	PMMA	yes	VW MAT		from -25 to +50	1281/64.5	>> 214073
59	4000	9900	90	IK05	PMMA		MW MAT		from -25 to +50	1281/64.5	>> 211263
59	4000	9900	90	IK05	PMMA		SW MAT		from -25 to +50	1281/64.5	>> 212147
59	4000	9900	90	IK05	PMMA		VW MAT		from -25 to +50	1281/64.5	>> 214028
59	4000	10000	90	IK06	glass	yes	SA MAT	2 rows	from -25 to +50	1281/64.5	>> 215841/2
59	4000	10000	90	IK06	glass		SA MAT	2 rows	from -25 to +50	1281/64.5	>> 215810/2
59	4000	10050	butterfly	IK06	glass		DAN	2 rows	from -25 to +50	1281/64.5	>> 014239/2
59	4000	10100	asymetric	IK06	glass		SA	2 rows	from -25 to +50	1281/64.5	>> 014192/2
59	4000	10250	90	IK06	glass	yes	DAN MAT	2 rows	from -25 to +50	1281/64.5	>> 217807/2
59	4000	10250	90	IK06	glass		DAN MAT	2 rows	from -25 to +50	1281/64.5	>> 217777/2
59	4000	10400	90	IK06	glass	yes	MW	2 rows	from -25 to +50	1281/64.5	>> 014284/2
59	4000	10400	105	IK06	glass	yes	VW	2 rows	from -25 to +50	1281/64.5	>> 013799/2
59	4000	10400	90	IK06	glass		MW	2 rows	from -25 to +50	1281/64.5	>> 013973/2
59	4000	10400	80	IK06	glass		SW	2 rows	from -25 to +50	1281/64.5	>> 014086/2
59	4000	10400	105	IK06	glass		VW	2 rows	from -25 to +50	1281/64.5	>> 013911/2
59	4000	9900	90	IK06	glass	yes	MW MAT	2 rows	from -25 to +50	1281/64.5	>> 211331/2
59	4000	9900	90	IK06	glass	yes	SW MAT	2 rows	from -25 to +50	1281/64.5	>> 212215/2
59	4000	9900	90	IK06	glass	yes	VW MAT	2 rows	from -25 to +50	1281/64.5	>> 214097/2
59	4000	9900	90	IK06	glass		MW MAT	2 rows	from -25 to +50	1281/64.5	>> 211300/2
59	4000	9900	90	IK06	glass		SW MAT	2 rows	from -25 to +50	1281/64.5	>> 212185/2
59	4000	9900	90	IK06	glass		VW MAT	2 rows	from -25 to +50	1281/64.5	>> 214066/2
59	4000	9200	90	IK10	PC	yes	MW MAT	2 rows	from -25 to +50	1281/64.5	>> 211324/2

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Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Beam angle [°]	Impact resistance	Diffuser material	DIMM DALI	Light distribution type	Optics	Working temperature [°C]	Dimensions (H/W/T/S) [mm]	Index
59	4000	9200	90	IK10	PC	yes	SW MAT	2 rows	from -25 to +50	1281/64.5	>> 212208/2
59	4000	9200	90	IK10	PC	yes	VW MAT	2 rows	from -25 to +50	1281/64.5	>> 214080/2
59	4000	9200	90	IK10	PC		MW MAT	2 rows	from -25 to +50	1281/64.5	>> 211287/2
59	4000	9200	90	IK10	PC		SW MAT	2 rows	from -25 to +50	1281/64.5	>> 212161/2
59	4000	9200	90	IK10	PC		VW MAT	2 rows	from -25 to +50	1281/64.5	>> 214042/2
59	4000	9300	90	IK10	PC	yes	SA MAT	2 rows	from -25 to +50	1281/64.5	>> 215834/2
59	4000	9300	90	IK10	PC		SA MAT	2 rows	from -25 to +50	1281/64.5	>> 215797/2
59	4000	9350	butterfly	IK10	PC		DAN	2 rows	from -25 to +50	1281/64.5	>> 014222/2
59	4000	9400	asymetric	IK10	PC		SA	2 rows	from -25 to +50	1281/64.5	>> 014185/2
59	4000	9500	90	IK10	PC	yes	DAN MAT	2 rows	from -25 to +50	1281/64.5	>> 217791/2
59	4000	9500	90	IK10	PC		DAN MAT	2 rows	from -25 to +50	1281/64.5	>> 217753/2
59	4000	9650	90	IK10	PC	yes	MW	2 rows	from -25 to +50	1281/64.5	>> 014277/2
59	4000	9650	105	IK10	PC	yes	VW	2 rows	from -25 to +50	1281/64.5	>> 013744/2
59	4000	9650	90	IK10	PC		MW	2 rows	from -25 to +50	1281/64.5	>> 013959/2
59	4000	9650	80	IK10	PC		SW	2 rows	from -25 to +50	1281/64.5	>> 014079/2
59	4000	9650	105	IK10	PC		VW	2 rows	from -25 to +50	1281/64.5	>> 013898/2
59	4000	10000	90	IK05	PMMA	yes	SA MAT	2 rows	from -25 to +50	1281/64.5	>> 215827/2
59	4000	10000	90	IK05	PMMA		SA MAT	2 rows	from -25 to +50	1281/64.5	>> 215773/2
59	4000	10050	butterfly	IK05	PMMA		DAN	2 rows	from -25 to +50	1281/64.5	>> 014215/2
59	4000	10100	asymetric	IK05	PMMA		SA	2 rows	from -25 to +50	1281/64.5	>> 014178/2
59	4000	10250	90	IK05	PMMA	yes	DAN MAT	2 rows	from -25 to +50	1281/64.5	>> 217784/2
59	4000	10250	90	IK05	PMMA		DAN MAT	2 rows	from -25 to +50	1281/64.5	>> 217739/2
59	4000	10400	90	IK05	PMMA	yes	MW	2 rows	from -25 to +50	1281/64.5	>> 014246/2
59	4000	10400	105	IK05	PMMA	yes	VW	2 rows	from -25 to +50	1281/64.5	>> 013690/2

TUBA IP69K ENDURA

GENERAL CARD

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Beam angle [°]	Impact resistance	Diffuser material	DIMM DALI	Light distribution type	Optics	Working temperature [°C]	Dimensions (H/W/T/S) [mm]	Index
59	4000	10400	90	IK05	PMMA		MW	2 rows	from -25 to +50	1281/64.5	>> 013935/2
59	4000	10400	80	IK05	PMMA		SW	2 rows	from -25 to +50	1281/64.5	>> 014062/2
59	4000	10400	105	IK05	PMMA		VW	2 rows	from -25 to +50	1281/64.5	>> 013874/2
59	4000	9900	90	IK05	PMMA	yes	MW MAT	2 rows	from -25 to +50	1281/64.5	>> 211317/2
59	4000	9900	90	IK05	PMMA	yes	SW MAT	2 rows	from -25 to +50	1281/64.5	>> 212192/2
59	4000	9900	90	IK05	PMMA	yes	VW MAT	2 rows	from -25 to +50	1281/64.5	>> 214073/2
59	4000	9900	90	IK05	PMMA		MW MAT	2 rows	from -25 to +50	1281/64.5	>> 211263/2
59	4000	9900	90	IK05	PMMA		SW MAT	2 rows	from -25 to +50	1281/64.5	>> 212147/2
59	4000	9900	90	IK05	PMMA		VW MAT	2 rows	from -25 to +50	1281/64.5	>> 214028/2

TUBA IP69K Endura 660/64.5mm

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Beam angle [°]	Impact resistance	Diffuser material	DIMM DALI	Light distribution type	Optics	Working temperature [°C]	Dimensions (H/W/T/S) [mm]	Index
10	4000	1650	120	IK05	PMMA		symmetric		from -25 to +70	660/64.5	>> 013065
10	4000	1550	120	IK10	PC		symmetric		from -25 to +70	660/64.5	>> 013072
10	4000	1650	120	IK06	glass		symmetric		from -25 to +70	660/64.5	>> 013089
10	4000	1450	105	IK05	PMMA		symmetric	matrix lens	from -25 to +70	660/64.5	>> 013140
10	4000	1350	105	IK10	PC		symmetric	matrix lens	from -25 to +70	660/64.5	>> 013157
10	4000	1450	105	IK06	glass		symmetric	matrix lens	from -25 to +70	660/64.5	>> 013164
10	4000	1550	105	IK05	PMMA		VW	matrix lens	from -25 to +70	660/64.5	>> 013201
10	4000	1450	105	IK10	PC		VW	matrix lens	from -25 to +70	660/64.5	>> 013218
10	4000	1550	105	IK06	glass		VW	matrix lens	from -25 to +70	660/64.5	>> 013225
10	4000	1550	90	IK05	PMMA		MW	matrix lens	from -25 to +70	660/64.5	>> 013263
10	4000	1450	90	IK10	PC		MW	matrix lens	from -25 to +70	660/64.5	>> 013270
10	4000	1550	90	IK06	glass		MW	matrix lens	from -25 to +70	660/64.5	>> 013287
10	4000	1550	65	IK05	PMMA		SN	matrix lens	from -25 to +70	660/64.5	>> 013324
10	4000	1450	65	IK10	PC		SN	matrix lens	from -25 to +70	660/64.5	>> 013331

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GENERAL CARD

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Beam angle [°]	Impact resistance	Diffuser material	DIMM DALI	Light distribution type	Optics	Working temperature [°C]	Dimensions (H/W/T/S) [mm]	Index
10	4000	1550	65	IK06	glass		SN	matrix lens	from -25 to +70	660/64.5	>> 013348
10	4000	1500	90	IK06	glass		MW MAT	matrix lens	from -25 to +70	660/64.5	>> 211218
10	4000	1500	90	IK06	glass		SA MAT	matrix lens	from -25 to +70	660/64.5	>> 215728
10	4000	1500	90	IK06	glass		SN MAT	matrix lens	from -25 to +70	660/64.5	>> 214844
10	4000	1500	90	IK06	glass		SW MAT	matrix lens	from -25 to +70	660/64.5	>> 212093
10	4000	1500	90	IK06	glass		VW MAT	matrix lens	from -25 to +70	660/64.5	>> 212963
10	4000	1550	90	IK06	glass		DAN MAT	matrix lens	from -25 to +70	660/64.5	>> 217685
10	4000	1400	90	IK10	PC		MW MAT	matrix lens	from -25 to +70	660/64.5	>> 211201
10	4000	1400	90	IK10	PC		SA MAT	matrix lens	from -25 to +70	660/64.5	>> 215711
10	4000	1400	90	IK10	PC		SN MAT	matrix lens	from -25 to +70	660/64.5	>> 214837
10	4000	1400	90	IK10	PC		SW MAT	matrix lens	from -25 to +70	660/64.5	>> 212086
10	4000	1400	90	IK10	PC		VW MAT	matrix lens	from -25 to +70	660/64.5	>> 212956
10	4000	1450	90	IK10	PC		DAN MAT	matrix lens	from -25 to +70	660/64.5	>> 217678
10	4000	1500	90	IK05	PMMA		MW MAT	matrix lens	from -25 to +70	660/64.5	>> 211195
10	4000	1500	90	IK05	PMMA		SA MAT	matrix lens	from -25 to +70	660/64.5	>> 215704
10	4000	1500	90	IK05	PMMA		SN MAT	matrix lens	from -25 to +70	660/64.5	>> 214820
10	4000	1500	90	IK05	PMMA		SW MAT	matrix lens	from -25 to +70	660/64.5	>> 212079
10	4000	1500	90	IK05	PMMA		VW MAT	matrix lens	from -25 to +70	660/64.5	>> 212949
10	4000	1550	90	IK05	PMMA		DAN MAT	matrix lens	from -25 to +70	660/64.5	>> 217661
10	4000	1500	90	IK06	glass		MW MAT	2 rows	from -25 to +70	660/64.5	>> 211218/2
10	4000	1500	90	IK06	glass		SA MAT	2 rows	from -25 to +70	660/64.5	>> 215728/2
10	4000	1500	90	IK06	glass		SW MAT	2 rows	from -25 to +70	660/64.5	>> 212093/2
10	4000	1500	90	IK06	glass		VW MAT	2 rows	from -25 to +70	660/64.5	>> 212963/2
10	4000	1550	90	IK06	glass		DAN MAT	2 rows	from -25 to +70	660/64.5	>> 217685/2

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GENERAL CARD

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Beam angle [°]	Impact resistance	Diffuser material	DIMM DALI	Light distribution type	Optics	Working temperature [°C]	Dimensions (H/W/T/S) [mm]	Index
10	4000	1550	90	IK06	glass		MW	2 rows	from -25 to +70	660/64.5	>> 013287/2
10	4000	1550	105	IK06	glass		VW	2 rows	from -25 to +70	660/64.5	>> 013225/2
10	4000	1400	90	IK10	PC		MW MAT	2 rows	from -25 to +70	660/64.5	>> 211201/2
10	4000	1400	90	IK10	PC		SA MAT	2 rows	from -25 to +70	660/64.5	>> 215711/2
10	4000	1400	90	IK10	PC		SW MAT	2 rows	from -25 to +70	660/64.5	>> 212086/2
10	4000	1400	90	IK10	PC		VW MAT	2 rows	from -25 to +70	660/64.5	>> 212956/2
10	4000	1450	90	IK10	PC		DAN MAT	2 rows	from -25 to +70	660/64.5	>> 217678/2
10	4000	1450	90	IK10	PC		MW	2 rows	from -25 to +70	660/64.5	>> 013270/2
10	4000	1450	105	IK10	PC		VW	2 rows	from -25 to +70	660/64.5	>> 013218/2
10	4000	1500	90	IK05	PMMA		MW MAT	2 rows	from -25 to +70	660/64.5	>> 211195/2
10	4000	1500	90	IK05	PMMA		SA MAT	2 rows	from -25 to +70	660/64.5	>> 215704/2
10	4000	1500	90	IK05	PMMA		SW MAT	2 rows	from -25 to +70	660/64.5	>> 212079/2
10	4000	1500	90	IK05	PMMA		VW MAT	2 rows	from -25 to +70	660/64.5	>> 212949/2
10	4000	1550	90	IK05	PMMA		DAN MAT	2 rows	from -25 to +70	660/64.5	>> 217661/2
10	4000	1550	90	IK05	PMMA		MW	2 rows	from -25 to +70	660/64.5	>> 013263/2
10	4000	1550	105	IK05	PMMA		VW	2 rows	from -25 to +70	660/64.5	>> 013201/2
32	4000	5550	120	IK05	PMMA		symmetric		from -25 to +50	660/64.5	>> 013003
32	4000	5200	120	IK10	PC		symmetric		from -25 to +50	660/64.5	>> 013041
32	4000	5550	120	IK06	glass		symmetric		from -25 to +50	660/64.5	>> 013058
32	4000	4850	105	IK05	PMMA		symmetric	matrix lens	from -25 to +50	660/64.5	>> 013096
32	4000	4500	105	IK10	PC		symmetric	matrix lens	from -25 to +50	660/64.5	>> 013102
32	4000	4850	105	IK06	glass		symmetric	matrix lens	from -25 to +50	660/64.5	>> 013133
32	4000	5200	105	IK05	PMMA		VW	matrix lens	from -25 to +50	660/64.5	>> 013171
32	4000	4800	105	IK10	PC		VW	matrix lens	from -25 to +50	660/64.5	>> 013188

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GENERAL CARD

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Beam angle [°]	Impact resistance	Diffuser material	DIMM DALI	Light distribution type	Optics	Working temperature [°C]	Dimensions (H/W/T/S) [mm]	Index
32	4000	5200	105	IK06	glass		VW	matrix lens	from -25 to +50	660/64.5	>> 013195
32	4000	5200	90	IK05	PMMA		MW	matrix lens	from -25 to +50	660/64.5	>> 013232
32	4000	4800	90	IK10	PC		MW	matrix lens	from -25 to +50	660/64.5	>> 013249
32	4000	5200	90	IK06	glass		MW	matrix lens	from -25 to +50	660/64.5	>> 013256
32	4000	5150	65	IK05	PMMA		SN	matrix lens	from -25 to +50	660/64.5	>> 013294
32	4000	4800	65	IK10	PC		SN	matrix lens	from -25 to +50	660/64.5	>> 013300
32	4000	5150	65	IK06	glass		SN	matrix lens	from -25 to +50	660/64.5	>> 013317
32	4000	5200	80	IK05	PMMA		SW	matrix lens	from -25 to +50	660/64.5	>> 013355
32	4000	4800	80	IK10	PC		SW	matrix lens	from -25 to +50	660/64.5	>> 013362
32	4000	5200	80	IK06	glass		SW	matrix lens	from -25 to +50	660/64.5	>> 013379
32	4000	5150	35/67	IK05	PMMA		CN	matrix lens	from -25 to +50	660/64.5	>> 013386
32	4000	4800	35/67	IK10	PC		CN	matrix lens	from -25 to +50	660/64.5	>> 013393
32	4000	5150	35/67	IK06	glass		CN	matrix lens	from -25 to +50	660/64.5	>> 013409
32	4000	5150	30	IK05	PMMA		VN	matrix lens	from -25 to +50	660/64.5	>> 013416
32	4000	4800	30	IK10	PC		VN	matrix lens	from -25 to +50	660/64.5	>> 013423
32	4000	5150	30	IK06	glass		VN	matrix lens	from -25 to +50	660/64.5	>> 013430
32	4000	5050	asymetric	IK05	PMMA		SA	matrix lens	from -25 to +50	660/64.5	>> 013447
32	4000	4700	asymetric	IK10	PC		SA	matrix lens	from -25 to +50	660/64.5	>> 013454
32	4000	5050	asymetric	IK06	glass		SA	matrix lens	from -25 to +50	660/64.5	>> 013461
32	4000	5000	butterfly	IK05	PMMA		DAN	matrix lens	from -25 to +50	660/64.5	>> 013478
32	4000	4650	butterfly	IK10	PC		DAN	matrix lens	from -25 to +50	660/64.5	>> 013485
32	4000	5000	butterfly	IK06	glass		DAN	matrix lens	from -25 to +50	660/64.5	>> 013492
32	4000	5550	120	IK05	PMMA	yes	symmetric		from -25 to +50	660/64.5	>> 013508
32	4000	4850	105	IK05	PMMA	yes	symmetric	matrix lens	from -25 to +50	660/64.5	>> 013515

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GENERAL CARD

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Beam angle [°]	Impact resistance	Diffuser material	DIMM DALI	Light distribution type	Optics	Working temperature [°C]	Dimensions (H/W/T/S) [mm]	Index
32	4000	5200	105	IK05	PMMA	yes	VW	matrix lens	from -25 to +50	660/64.5	>> 013522
32	4000	5200	120	IK10	PC	yes	symmetric		from -25 to +50	660/64.5	>> 013539
32	4000	4500	105	IK10	PC	yes	symmetric	matrix lens	from -25 to +50	660/64.5	>> 013546
32	4000	4800	105	IK10	PC	yes	VW	matrix lens	from -25 to +50	660/64.5	>> 013553
32	4000	5550	120	IK06	glass	yes	symmetric		from -25 to +50	660/64.5	>> 013560
32	4000	4850	105	IK06	glass	yes	symmetric	matrix lens	from -25 to +50	660/64.5	>> 013577
32	4000	5200	105	IK06	glass	yes	VW	matrix lens	from -25 to +50	660/64.5	>> 013584
32	4000	5200	90	IK05	PMMA	yes	MW	matrix lens	from -25 to +50	660/64.5	>> 013591
32	4000	4800	90	IK10	PC	yes	MW	matrix lens	from -25 to +50	660/64.5	>> 013607
32	4000	5200	90	IK06	glass	yes	MW	matrix lens	from -25 to +50	660/64.5	>> 013614
32	4000	5150	65	IK05	PMMA	yes	SN	matrix lens	from -25 to +50	660/64.5	>> 013621
32	4000	4800	65	IK10	PC	yes	SN	matrix lens	from -25 to +50	660/64.5	>> 013638
32	4000	5150	65	IK06	glass	yes	SN	matrix lens	from -25 to +50	660/64.5	>> 013645
32	4000	4950	90	IK06	glass	yes	MW MAT	matrix lens	from -25 to +50	660/64.5	>> 211249
32	4000	4950	90	IK06	glass	yes	SW MAT	matrix lens	from -25 to +50	660/64.5	>> 212123
32	4000	4950	90	IK06	glass	yes	VW MAT	matrix lens	from -25 to +50	660/64.5	>> 212994
32	4000	4950	90	IK06	glass		MW MAT	matrix lens	from -25 to +50	660/64.5	>> 211188
32	4000	4950	90	IK06	glass		SW MAT	matrix lens	from -25 to +50	660/64.5	>> 212062
32	4000	4950	90	IK06	glass		VW MAT	matrix lens	from -25 to +50	660/64.5	>> 212932
32	4000	5000	90	IK06	glass	yes	SA MAT	matrix lens	from -25 to +50	660/64.5	>> 215759
32	4000	5000	90	IK06	glass	yes	SN MAT	matrix lens	from -25 to +50	660/64.5	>> 214875
32	4000	5000	90	IK06	glass		SA MAT	matrix lens	from -25 to +50	660/64.5	>> 215698
32	4000	5000	90	IK06	glass		SN MAT	matrix lens	from -25 to +50	660/64.5	>> 214813
32	4000	5100	90	IK06	glass	yes	DAN MAT	matrix lens	from -25 to +50	660/64.5	>> 217715

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GENERAL CARD

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Beam angle [°]	Impact resistance	Diffuser material	DIMM DALI	Light distribution type	Optics	Working temperature [°C]	Dimensions (H/W/T/S) [mm]	Index
32	4000	5100	90	IK06	glass		DAN MAT	matrix lens	from -25 to +50	660/64.5	>> 217654
32	4000	4550	90	IK10	PC	yes	MW MAT	matrix lens	from -25 to +50	660/64.5	>> 211232
32	4000	4550	90	IK10	PC	yes	SW MAT	matrix lens	from -25 to +50	660/64.5	>> 212116
32	4000	4550	90	IK10	PC	yes	VW MAT	matrix lens	from -25 to +50	660/64.5	>> 212987
32	4000	4550	90	IK10	PC		MW MAT	matrix lens	from -25 to +50	660/64.5	>> 211171
32	4000	4550	90	IK10	PC		SW MAT	matrix lens	from -25 to +50	660/64.5	>> 212055
32	4000	4550	90	IK10	PC		VW MAT	matrix lens	from -25 to +50	660/64.5	>> 212925
32	4000	4600	90	IK10	PC	yes	SA MAT	matrix lens	from -25 to +50	660/64.5	>> 215742
32	4000	4600	90	IK10	PC	yes	SN MAT	matrix lens	from -25 to +50	660/64.5	>> 214868
32	4000	4600	90	IK10	PC		SA MAT	matrix lens	from -25 to +50	660/64.5	>> 215681
32	4000	4600	90	IK10	PC		SN MAT	matrix lens	from -25 to +50	660/64.5	>> 214806
32	4000	4750	90	IK10	PC	yes	DAN MAT	matrix lens	from -25 to +50	660/64.5	>> 217708
32	4000	4750	90	IK10	PC		DAN MAT	matrix lens	from -25 to +50	660/64.5	>> 217647
32	4000	4950	90	IK05	PMMA	yes	MW MAT	matrix lens	from -25 to +50	660/64.5	>> 211225
32	4000	4950	90	IK05	PMMA	yes	SW MAT	matrix lens	from -25 to +50	660/64.5	>> 212109
32	4000	4950	90	IK05	PMMA	yes	VW MAT	matrix lens	from -25 to +50	660/64.5	>> 212970
32	4000	4950	90	IK05	PMMA		MW MAT	matrix lens	from -25 to +50	660/64.5	>> 211164
32	4000	4950	90	IK05	PMMA		SW MAT	matrix lens	from -25 to +50	660/64.5	>> 212048
32	4000	4950	90	IK05	PMMA		VW MAT	matrix lens	from -25 to +50	660/64.5	>> 212918
32	4000	5000	90	IK05	PMMA	yes	SA MAT	matrix lens	from -25 to +50	660/64.5	>> 215735
32	4000	5000	90	IK05	PMMA	yes	SN MAT	matrix lens	from -25 to +50	660/64.5	>> 214851
32	4000	5000	90	IK05	PMMA		SA MAT	matrix lens	from -25 to +50	660/64.5	>> 215674
32	4000	5000	90	IK05	PMMA		SN MAT	matrix lens	from -25 to +50	660/64.5	>> 214790
32	4000	5100	90	IK05	PMMA	yes	DAN MAT	matrix lens	from -25 to +50	660/64.5	>> 217692

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GENERAL CARD

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Beam angle [°]	Impact resistance	Diffuser material	DIMM DALI	Light distribution type	Optics	Working temperature [°C]	Dimensions (H/W/T/S) [mm]	Index
32	4000	5100	90	IK05	PMMA		DAN MAT	matrix lens	from -25 to +50	660/64.5	>> 217630
32	4000	4950	90	IK06	glass	yes	MW MAT	2 rows	from -25 to +50	660/64.5	>> 211249/2
32	4000	4950	90	IK06	glass	yes	SW MAT	2 rows	from -25 to +50	660/64.5	>> 212123/2
32	4000	4950	90	IK06	glass	yes	VW MAT	2 rows	from -25 to +50	660/64.5	>> 212994/2
32	4000	4950	90	IK06	glass		MW MAT	2 rows	from -25 to +50	660/64.5	>> 211188/2
32	4000	4950	90	IK06	glass		SW MAT	2 rows	from -25 to +50	660/64.5	>> 212062/2
32	4000	4950	90	IK06	glass		VW MAT	2 rows	from -25 to +50	660/64.5	>> 212932/2
32	4000	5000	90	IK06	glass	yes	SA MAT	2 rows	from -25 to +50	660/64.5	>> 215759/2
32	4000	5000	butterfly	IK06	glass		DAN	2 rows	from -25 to +50	660/64.5	>> 013492/2
32	4000	5000	90	IK06	glass		SA MAT	2 rows	from -25 to +50	660/64.5	>> 215698/2
32	4000	5050	asymetric	IK06	glass		SA	2 rows	from -25 to +50	660/64.5	>> 013461/2
32	4000	5100	90	IK06	glass	yes	DAN MAT	2 rows	from -25 to +50	660/64.5	>> 217715/2
32	4000	5100	90	IK06	glass		DAN MAT	2 rows	from -25 to +50	660/64.5	>> 217654/2
32	4000	5200	90	IK06	glass	yes	MW	2 rows	from -25 to +50	660/64.5	>> 013614/2
32	4000	5200	105	IK06	glass	yes	VW	2 rows	from -25 to +50	660/64.5	>> 013584/2
32	4000	5200	90	IK06	glass		MW	2 rows	from -25 to +50	660/64.5	>> 013256/2
32	4000	5200	80	IK06	glass		SW	2 rows	from -25 to +50	660/64.5	>> 013379/2
32	4000	5200	105	IK06	glass		VW	2 rows	from -25 to +50	660/64.5	>> 013195/2
32	4000	4550	90	IK10	PC	yes	MW MAT	2 rows	from -25 to +50	660/64.5	>> 211232/2
32	4000	4550	90	IK10	PC	yes	SW MAT	2 rows	from -25 to +50	660/64.5	>> 212116/2
32	4000	4550	90	IK10	PC	yes	VW MAT	2 rows	from -25 to +50	660/64.5	>> 212987/2
32	4000	4550	90	IK10	PC		MW MAT	2 rows	from -25 to +50	660/64.5	>> 211171/2
32	4000	4550	90	IK10	PC		SW MAT	2 rows	from -25 to +50	660/64.5	>> 212055/2
32	4000	4550	90	IK10	PC		VW MAT	2 rows	from -25 to +50	660/64.5	>> 212925/2

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GENERAL CARD

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Beam angle [°]	Impact resistance	Diffuser material	DIMM DALI	Light distribution type	Optics	Working temperature [°C]	Dimensions (H/W/T/S) [mm]	Index
32	4000	4600	90	IK10	PC	yes	SA MAT	2 rows	from -25 to +50	660/64.5	>> 215742/2
32	4000	4600	90	IK10	PC		SA MAT	2 rows	from -25 to +50	660/64.5	>> 215681/2
32	4000	4650	butterfly	IK10	PC		DAN	2 rows	from -25 to +50	660/64.5	>> 013485/2
32	4000	4700	asymetric	IK10	PC		SA	2 rows	from -25 to +50	660/64.5	>> 013454/2
32	4000	4750	90	IK10	PC	yes	DAN MAT	2 rows	from -25 to +50	660/64.5	>> 217708/2
32	4000	4750	90	IK10	PC		DAN MAT	2 rows	from -25 to +50	660/64.5	>> 217647/2
32	4000	4800	90	IK10	PC	yes	MW	2 rows	from -25 to +50	660/64.5	>> 013607/2
32	4000	4800	105	IK10	PC	yes	VW	2 rows	from -25 to +50	660/64.5	>> 013553/2
32	4000	4800	90	IK10	PC		MW	2 rows	from -25 to +50	660/64.5	>> 013249/2
32	4000	4800	80	IK10	PC		SW	2 rows	from -25 to +50	660/64.5	>> 013362/2
32	4000	4800	105	IK10	PC		VW	2 rows	from -25 to +50	660/64.5	>> 013188/2
32	4000	4950	90	IK05	PMMA	yes	MW MAT	2 rows	from -25 to +50	660/64.5	>> 211225/2
32	4000	4950	90	IK05	PMMA	yes	SW MAT	2 rows	from -25 to +50	660/64.5	>> 212109/2
32	4000	4950	90	IK05	PMMA	yes	VW MAT	2 rows	from -25 to +50	660/64.5	>> 212970/2
32	4000	4950	90	IK05	PMMA		MW MAT	2 rows	from -25 to +50	660/64.5	>> 211164/2
32	4000	4950	90	IK05	PMMA		SW MAT	2 rows	from -25 to +50	660/64.5	>> 212048/2
32	4000	4950	90	IK05	PMMA		VW MAT	2 rows	from -25 to +50	660/64.5	>> 212918/2
32	4000	5000	90	IK05	PMMA	yes	SA MAT	2 rows	from -25 to +50	660/64.5	>> 215735/2
32	4000	5000	butterfly	IK05	PMMA		DAN	2 rows	from -25 to +50	660/64.5	>> 013478/2
32	4000	5000	90	IK05	PMMA		SA MAT	2 rows	from -25 to +50	660/64.5	>> 215674/2
32	4000	5050	asymetric	IK05	PMMA		SA	2 rows	from -25 to +50	660/64.5	>> 013447/2
32	4000	5100	90	IK05	PMMA	yes	DAN MAT	2 rows	from -25 to +50	660/64.5	>> 217692/2
32	4000	5100	90	IK05	PMMA		DAN MAT	2 rows	from -25 to +50	660/64.5	>> 217630/2
32	4000	5200	90	IK05	PMMA	yes	MW	2 rows	from -25 to +50	660/64.5	>> 013591/2

TUBA IP69K ENDURA

GENERAL CARD

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Beam angle [°]	Impact resistance	Diffuser material	DIMM DALI	Light distribution type	Optics	Working temperature [°C]	Dimensions (H/W/T/S) [mm]	Index
32	4000	5200	105	IK05	PMMA	yes	VW	2 rows	from -25 to +50	660/64.5	>> 013522/2
32	4000	5200	90	IK05	PMMA		MW	2 rows	from -25 to +50	660/64.5	>> 013232/2
32	4000	5200	80	IK05	PMMA		SW	2 rows	from -25 to +50	660/64.5	>> 013355/2
32	4000	5200	105	IK05	PMMA		VW	2 rows	from -25 to +50	660/64.5	>> 013171/2