





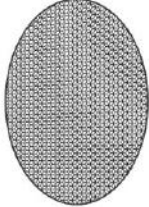
# QUBI

## QUBI 1

### MAIN CHARACTERISTICS

<b>Applications</b>	Architectural lighting.
<b>Optic</b>	<p>SP-RS12: Real spot optic.            SP-S15: Spot optic.            SP-M25: Medium spot optic.            SP-W35: Wide spot optics            SP-WW65: Very wide spot optics            AS5-15-15: Optics for grazing lighting.            AS5-15-60: Optics for grazing lighting.            EL-15-40: Elliptic optic.            EL-15-60: Elliptic optic.            EL-15-135: Elliptic optic.            EL-30-45: Elliptic optic.            EL-30-70: Elliptic optic.            EL-30-130: Elliptic optic.            Colour temperature: 4000K, 3000K, 2700K, 2200K (others in option)   CRI ≥80</p>
<b>Insulation class</b>	II, I
<b>Protection degree</b>	IP66/IP67   IK09
<b>Dimensions</b>	See the drawing
<b>Weight</b>	max 3kg excluding mounting accessories
<b>Exposed surface</b>	Side: 0.026m <sup>2</sup> – Top: 0.037m <sup>2</sup>
<b>Mounting</b>	<p>AM-S: Universal surface mounting. Upper attack.            AM-P: Universal surface mounting. Rear attachment.            APL: Compact wall mount.            AC-S: Collar fixing on pole Ø102-127. Upper attack.            AC-P: Collar fixing on pole Ø102-127. Rear attachment.            AP-B: Arm fixing Ø60.            AP-TP: Fixing Post-Top Ø76-102-127.</p>
<b>Tilt Angle</b>	<p>AM-S: -5° / +150°            AM-P: -85° / +90°            APL: -5° / +5°            AC-S: -5° / +150°            AC-P: -85° / +90°            AP-B: 0°            AP-TP: 0°</p>
<b>LED Modules</b>	Removable / Replaceable
<b>Gear tray</b>	Removable / Replaceable
<b>Operating temp.</b>	-40°C / +50°C
<b>Storage temperature</b>	-40°C / +80°C
<b>Main reference standards</b>	EN 60598-1, EN 60598-2-5, EN 62471, EN 55015, EN 61547, EN 61000-3-2, EN 61000-3-3
<p>(pending)</p>	
<b>ELECTRICAL CHARACTERISTICS</b>	
<b>Rated voltage</b>	220÷240V 50/60Hz (Standard tolerance ±10%. Other voltages and tolerances on request)
<b>Power factor</b>	>0.9 (at full load)
<b>Mains connection</b>	<p>Cable 2-3-4 poles H07RN-F nx1mm<sup>2</sup>   L=1m            Cable 5 poles 05RN-F nx1mm<sup>2</sup>   L=1m            Optional: connector M/F IP66/68 for cables max. 1.5mm<sup>2</sup>, Ø max. 13mm</p>
<b>Surge protection</b>	<p>With SPD: 10kV / 10kV CM/DM            Without SPD: 10kV / 6kV CM/DM</p>
<b>SPD (optional)</b>	10kV-10kA, type 2+3, with LED signal and thermo fuse to disconnect load at the end of life.
<b>Control system (options)</b>	<p>ON-OFF: Fixed power not dimmable.            DA: Automatic dimming (virtual midnight) with default profile.            DAC: Custom DA profile.            FLC: Constant light flux.            DALI: Digital dimming interface DALI.            ZHAGA(S): Socket 4 pin (ZHAGA Book 18)</p>

<b>Optical unit lifetime (Tq=25°C)</b>	>100.000hr L90B10 >100.000hr L90, TM-21
MATERIALS	
<b>Fixing</b>	AM-S: Die-cast aluminium UNI EN1706. Powder-coated. AM-P: Die-cast aluminium UNI EN1706. Powder-coated. APL: Die-cast aluminium UNI EN1706. Powder-coated with steel bracket AC-S: Die-cast aluminium UNI EN1706. Powder-coated. AC-P: Die-cast aluminium UNI EN1706. Powder-coated. AP-B: Steel S235JR. Powder coated. AP-TP: Die-cast aluminium UNI EN1706. Powder-coated.
<b>Body</b>	Die-cast aluminium UNI EN1706. Powder-coated.
<b>Optic</b>	PMMA
<b>Screen</b>	Flat tempered glass, 5mm thick, high transparency.
<b>Cable gland</b>	Metallic IP66/IP67
<b>Gasket</b>	Moulded silicone
<b>Body colour</b>	Standard: Graphite - Code 01 Optional: see "Optional Colours" below. (other colours on request)

OPTICAL ACCESSORIES (OPTIONAL)		
FV: Full Visor screen.	HV: Half Visor screen.	HYB: Internal Honeycomb screen.
		
<i>Consult the list of versions to check the availability of accessories depending on the selected optics</i>		

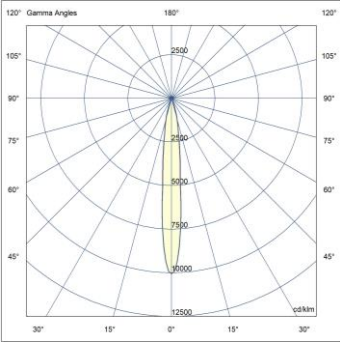
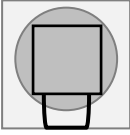
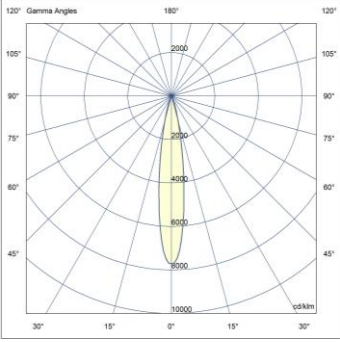
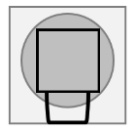
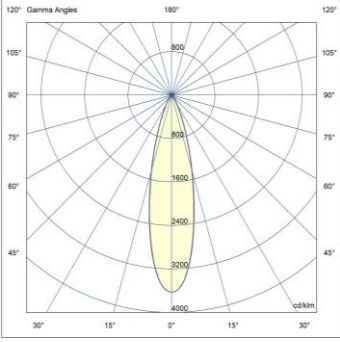
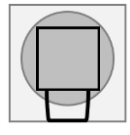
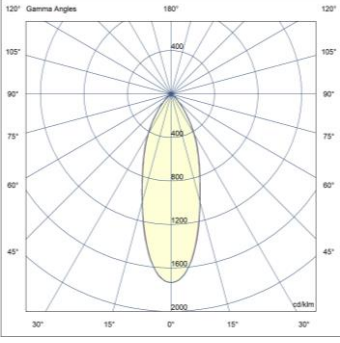
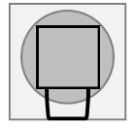
MOUNTING ACCESSORIES (OPTIONAL)
Metal stake Fundraiser Kit Band for fixing on shafts  <b>Note:</b> See the accessories tab for more information

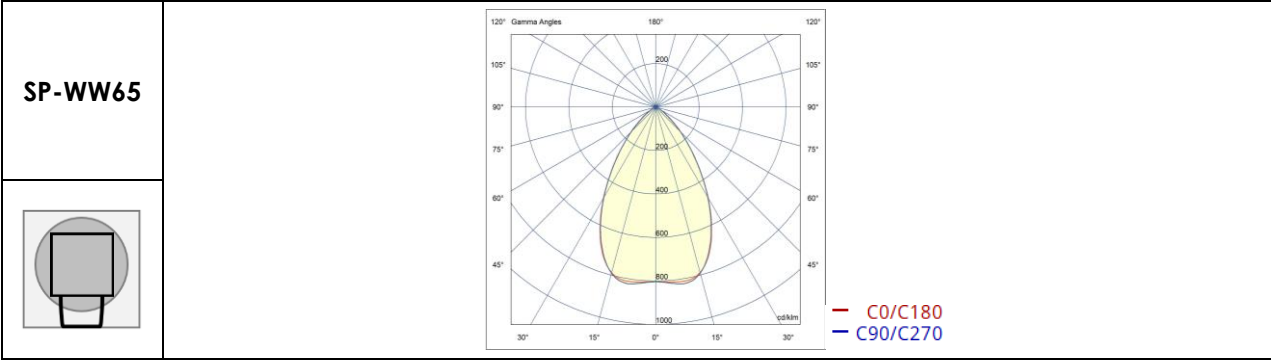
**ADJUSTMENT OF ELLIPTICAL OPTICAL ORIENTATION**



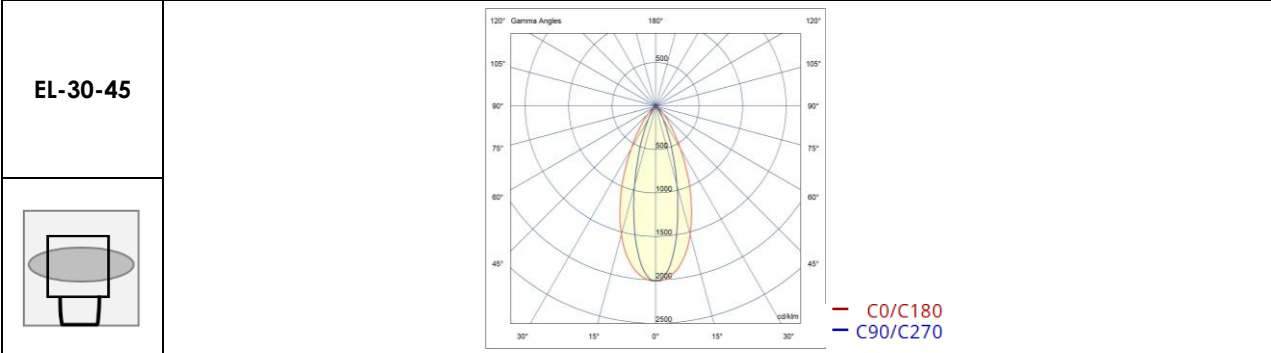
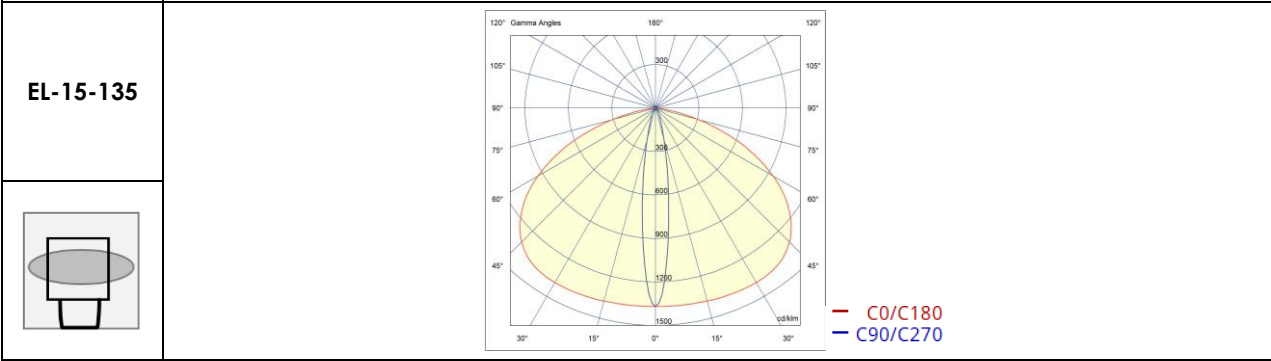
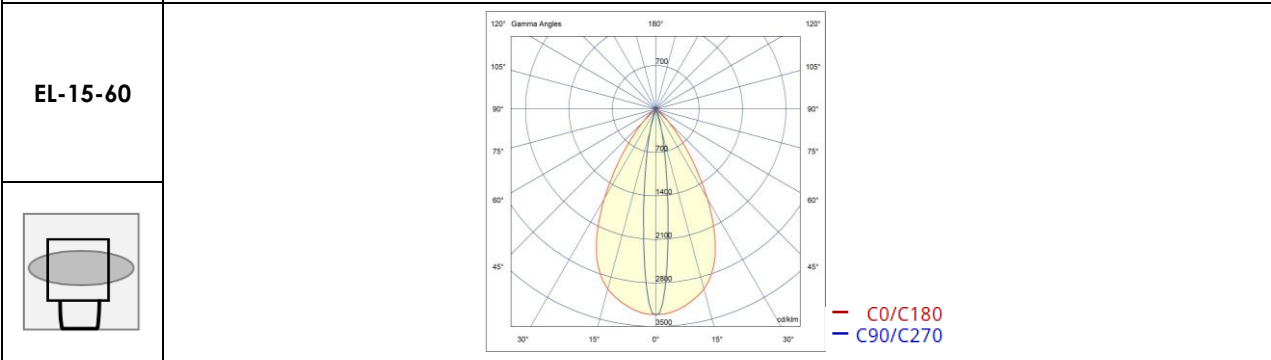
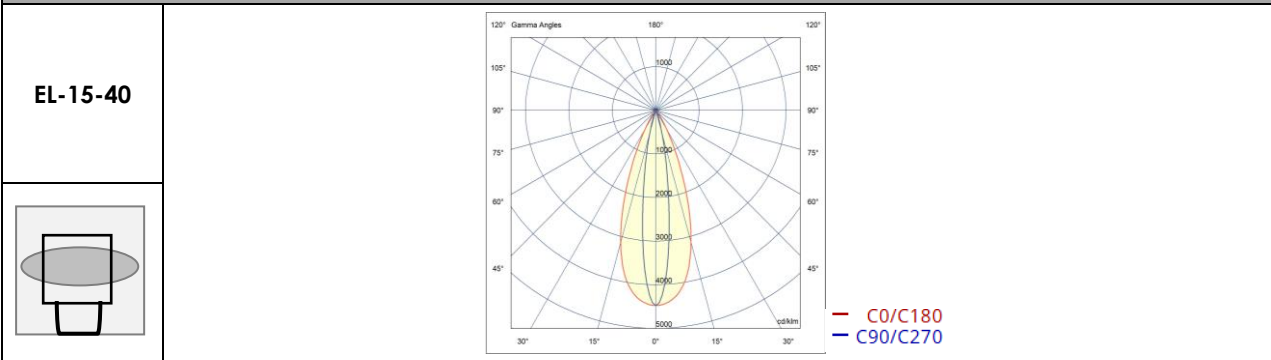
**PHOTOMETRIC DATA**

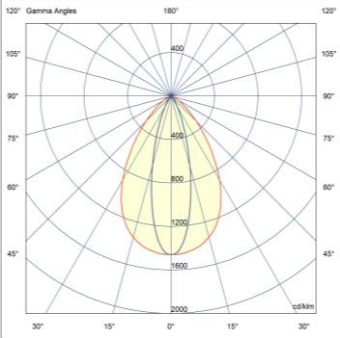
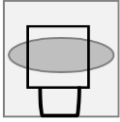
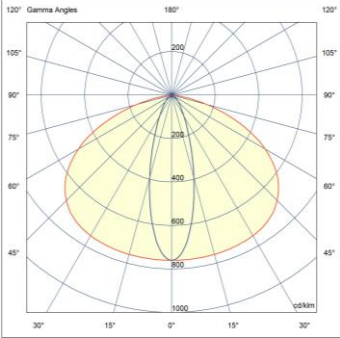
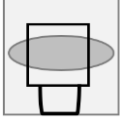
**SPOT OPTICS**

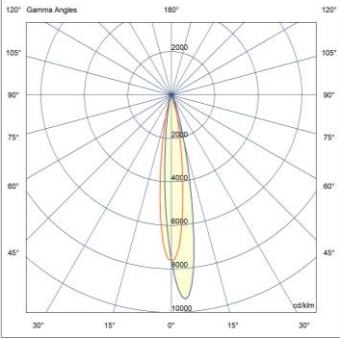
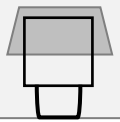
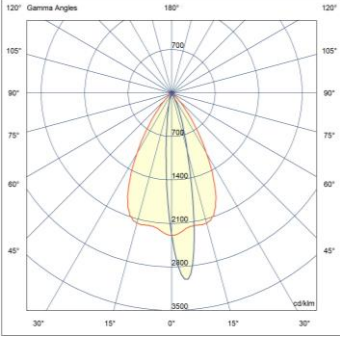
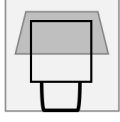
<p><b>SP-RS12</b></p>	 <p>— C0/C180 — C90/C270</p>
	
<p><b>SP-S15</b></p>	 <p>— C0/C180 — C90/C270</p>
	
<p><b>SP-M25</b></p>	 <p>— C0/C180 — C90/C270</p>
	
<p><b>SP-W35</b></p>	 <p>— C0/C180 — C90/C270</p>
	



**ELLIPTICAL OPTICS**

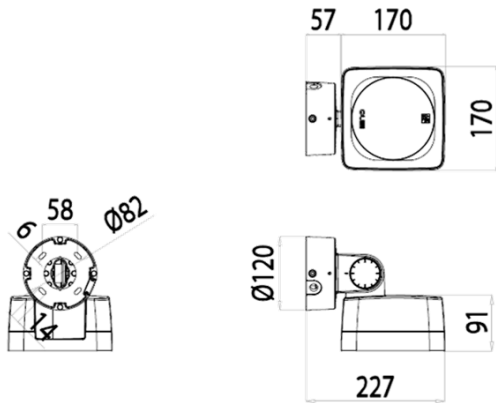


<p><b>EL-30-70</b></p>	 <p>— C0/C180 — C90/C270</p>
	
<p><b>EL-30-130</b></p>	 <p>— C0/C180 — C90/C270</p>
	

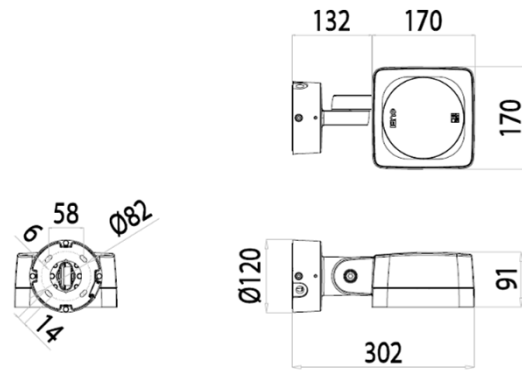
ASYMMETRICAL OPTICS	
<p><b>AS5-15-15</b></p>	 <p>— C0/C180 — C90/C270</p>
	
<p><b>AS5-15-60</b></p>	 <p>— C0/C180 — C90/C270</p>
	

**DIMENSIONAL DRAWINGS**

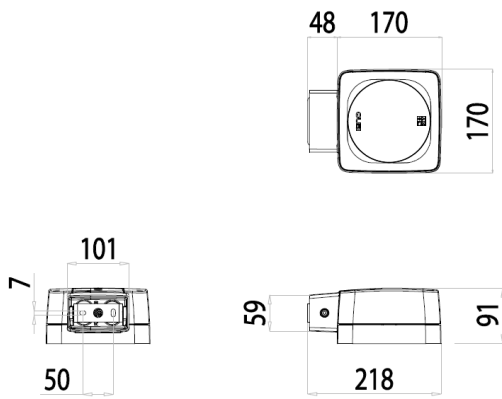
**AM-S**



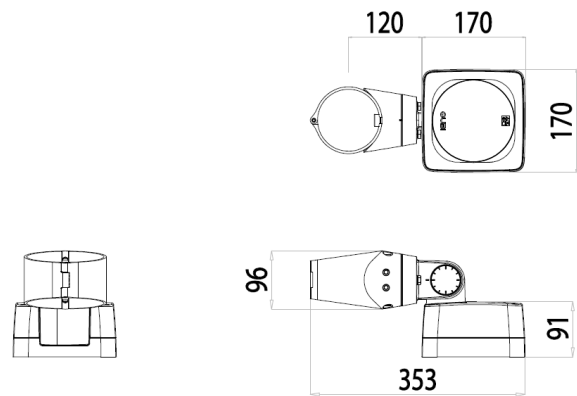
**AM-P**



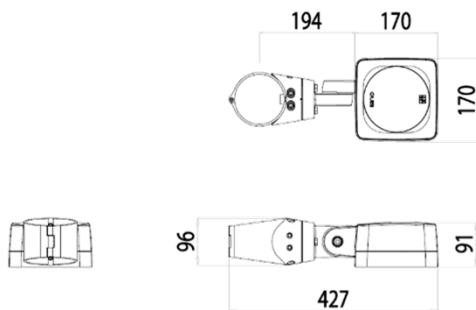
**APL**



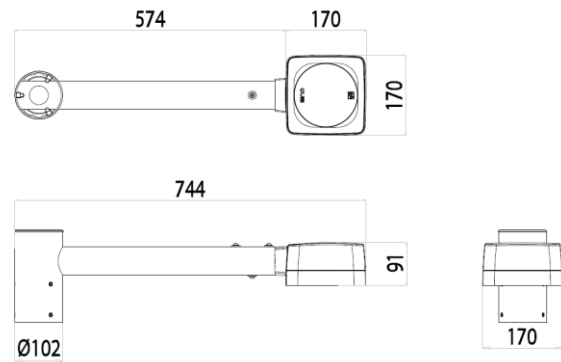
**AC-S**



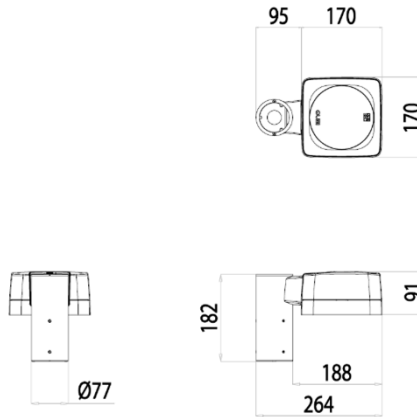
**AC-P**



**AP-B**



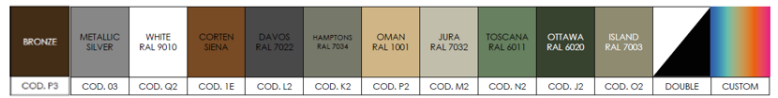
**AP-TP**



**Standard Colour**



**Optional Colours**



**QUBI 1 OAL9 4000K – T<sub>a</sub>35**

LUMINAIRE	OPTIC	RATED LUMINAIRE FLUX* (4000K, lm)	RATED LUMINAIRE POWER* (W)	LUMINAIRE EFFICACY (lm/W)	RATED LED FLUX* (4000K, lm)	RATED LED POWER* (W)
QUBI 1 OAL9 8040.350-1M		1150	10,9	105,5	1474	8,3
QUBI 1 OAL9 8040.560-1M	AS5-15-15	1750	16,8	104,1	2283	13,5
QUBI 1 OAL9 8040.760-1M		2290	22,8	100,4	3015	18,7
QUBI 1 OAL9 8040.350-1M		927	10,9	85	1474	8,3
QUBI 1 OAL9 8040.560-1M	AS5-15-60	1420	16,8	84,5	2283	13,5
QUBI 1 OAL9 8040.760-1M		1860	22,8	81,5	3015	18,7
QUBI 1 OAL9 8040.350-1M		1100	10,9	100,9	1474	8,3
QUBI 1 OAL9 8040.560-1M	EL-15-40	1680	16,8	100	2283	13,5
QUBI 1 OAL9 8040.760-1M		2210	22,8	96,9	3015	18,7
QUBI 1 OAL9 8040.350-1M		1100	10,9	100,9	1474	8,3
QUBI 1 OAL9 8040.560-1M	EL-15-60	1680	16,8	100	2283	13,5
QUBI 1 OAL9 8040.760-1M		2210	22,8	96,9	3015	18,7
QUBI 1 OAL9 8040.350-1M		874	10,9	80,1	1474	8,3
QUBI 1 OAL9 8040.560-1M	EL-15-135	1340	16,8	79,7	2283	13,5
QUBI 1 OAL9 8040.760-1M		1750	22,8	76,7	3015	18,7
QUBI 1 OAL9 8040.350-1M		1010	10,9	92,6	1474	8,3
QUBI 1 OAL9 8040.560-1M	EL-30-45	1550	16,8	92,2	2283	13,5
QUBI 1 OAL9 8040.760-1M		2030	22,8	89	3015	18,7
QUBI 1 OAL9 8040.350-1M		1010	10,9	92,6	1474	8,3
QUBI 1 OAL9 8040.560-1M	EL-30-70	1550	16,8	92,2	2283	13,5
QUBI 1 OAL9 8040.760-1M		2030	22,8	89	3015	18,7
QUBI 1 OAL9 8040.350-1M		767	10,9	70,3	1474	8,3
QUBI 1 OAL9 8040.560-1M	EL-30-130	1180	16,8	70,2	2283	13,5
QUBI 1 OAL9 8040.760-1M		1540	22,8	67,5	3015	18,7
QUBI 1 OAL9 8040.350-1M		1110	10,9	101,8	1474	8,3
QUBI 1 OAL9 8040.630-1M		1900	18,9	100,5	2544	15,3
QUBI 1 OAL9 8040.900-1M	SP-RS12	2600	27	96,2	3503	22,4
QUBI 1 OAL9 8040.350-1M HYB		799	10,9	73,3	1474	8,3
QUBI 1 OAL9 8040.580-1M HYB		1270	17,4	72,9	2358	14
QUBI 1 OAL9 8040.810-1M HYB		1710	24,3	70,3	3191	20
QUBI 1 OAL9 8040.350-1M		1090	10,9	100	1474	8,3
QUBI 1 OAL9 8040.630-1M		1850	18,9	97,8	2544	15,3
QUBI 1 OAL9 8040.900-1M	SP-S15	2540	27	94	3503	22,4
QUBI 1 OAL9 8040.350-1M HYB		763	10,9	70	1474	8,3
QUBI 1 OAL9 8040.580-1M HYB		1200	17,4	68,9	2358	14
QUBI 1 OAL9 8040.810-1M HYB		1620	24,3	66,6	3191	20
QUBI 1 OAL9 8040.350-1M		1100	10,9	100,9	1474	8,3
QUBI 1 OAL9 8040.630-1M		1870	18,9	98,9	2544	15,3
QUBI 1 OAL9 8040.900-1M	SP-M25	2570	27	95,1	3503	22,4
QUBI 1 OAL9 8040.350-1M HYB		671	10,9	61,5	1474	8,3
QUBI 1 OAL9 8040.580-1M HYB		1060	17,4	60,9	2358	14
QUBI 1 OAL9 8040.810-1M HYB		1430	24,3	58,8	3191	20
QUBI 1 OAL9 8040.350-1M		997	10,9	91,4	1474	8,3
QUBI 1 OAL9 8040.630-1M		1700	18,9	89,9	2544	15,3
QUBI 1 OAL9 8040.900-1M	SP-W35	2340	27	86,6	3503	22,4
QUBI 1 OAL9 8040.350-1M HYB		479	10,9	43,9	1474	8,3
QUBI 1 OAL9 8040.580-1M HYB		758	17,4	43,5	2358	14
QUBI 1 OAL9 8040.810-1M HYB		1020	24,3	41,9	3191	20
QUBI 1 OAL9 8040.350-1M		940	10,9	86,2	1474	8,3
QUBI 1 OAL9 8040.630-1M		1600	18,9	84,6	2544	15,3
QUBI 1 OAL9 8040.900-1M	SP-WW65	2200	27	81,4	3503	22,4
QUBI 1 OAL9 8040.350-1M HYB		404	10,9	37	1474	8,3
QUBI 1 OAL9 8040.580-1M HYB		641	17,4	36,8	2358	14
QUBI 1 OAL9 8040.810-1M HYB		860	24,3	35,3	3191	20

\*RATED LUMINAIRE FLUX / RATED LUMINAIRE POWER: Rated data obtained in laboratory. T<sub>g</sub>=25°C. V<sub>in</sub>=230Vac. ON-OFF.  
 \*RATED LED FLUX / RATED LED POWER: Rated data extrapolated from LED manufacturer datasheet. T<sub>j</sub>=85°C.  
 Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±10%. Power tolerance: ±10%.  
 The characteristics of the product listed above are subjected to change without notice.

**QUBI 1 OAL9 3000K – Ta35**

LUMINAIRE	OPTIC	RATED LUMINAIRE FLUX* (3000K, lm)	RATED LUMINAIRE POWER* (W)	LUMINAIRE EFFICACY (lm/W)	RATED LED FLUX* (3000K, lm)	RATED LED POWER* (W)
QUBI 1 OAL9 8030.350-1M		1060	10,9	97,2	1364	8,3
QUBI 1 OAL9 8030.560-1M	AS5-15-15	1620	16,8	96,4	2114	13,5
QUBI 1 OAL9 8030.760-1M		2120	22,8	92,9	2791	18,7
QUBI 1 OAL9 8030.350-1M		858	10,9	78,7	1364	8,3
QUBI 1 OAL9 8030.560-1M	AS5-15-60	1320	16,8	78,5	2114	13,5
QUBI 1 OAL9 8030.760-1M		1720	22,8	75,4	2791	18,7
QUBI 1 OAL9 8030.350-1M		1020	10,9	93,5	1364	8,3
QUBI 1 OAL9 8030.560-1M	EL-15-40	1560	16,8	92,8	2114	13,5
QUBI 1 OAL9 8030.760-1M		2040	22,8	89,4	2791	18,7
QUBI 1 OAL9 8030.350-1M		1020	10,9	93,5	1364	8,3
QUBI 1 OAL9 8030.560-1M	EL-15-60	1560	16,8	92,8	2114	13,5
QUBI 1 OAL9 8030.760-1M		2040	22,8	89,4	2791	18,7
QUBI 1 OAL9 8030.350-1M		809	10,9	74,2	1364	8,3
QUBI 1 OAL9 8030.560-1M	EL-15-135	1240	16,8	73,8	2114	13,5
QUBI 1 OAL9 8030.760-1M		1620	22,8	71	2791	18,7
QUBI 1 OAL9 8030.350-1M		938	10,9	86	1364	8,3
QUBI 1 OAL9 8030.560-1M	EL-30-45	1440	16,8	85,7	2114	13,5
QUBI 1 OAL9 8030.760-1M		1880	22,8	82,4	2791	18,7
QUBI 1 OAL9 8030.350-1M		938	10,9	86	1364	8,3
QUBI 1 OAL9 8030.560-1M	EL-30-70	1440	16,8	85,7	2114	13,5
QUBI 1 OAL9 8030.760-1M		1880	22,8	82,4	2791	18,7
QUBI 1 OAL9 8030.350-1M		711	10,9	65,2	1364	8,3
QUBI 1 OAL9 8030.560-1M	EL-30-130	1090	16,8	64,8	2114	13,5
QUBI 1 OAL9 8030.760-1M		1430	22,8	62,7	2791	18,7
QUBI 1 OAL9 8030.350-1M		1030	10,9	94,4	1364	8,3
QUBI 1 OAL9 8030.630-1M		1760	18,9	93,1	2355	15,3
QUBI 1 OAL9 8030.900-1M	SP-RS12	2410	27	89,2	3244	22,4
QUBI 1 OAL9 8030.350-1M HYB		742	10,9	68	1364	8,3
QUBI 1 OAL9 8030.580-1M HYB		1170	17,4	67,2	2183	14
QUBI 1 OAL9 8030.810-1M HYB		1580	24,3	65	2955	20
QUBI 1 OAL9 8030.350-1M		1010	10,9	92,6	1364	8,3
QUBI 1 OAL9 8030.630-1M		1720	18,9	91	2355	15,3
QUBI 1 OAL9 8030.900-1M	SP-S15	2350	27	87	3244	22,4
QUBI 1 OAL9 8030.350-1M HYB		707	10,9	64,8	1364	8,3
QUBI 1 OAL9 8030.580-1M HYB		1120	17,4	64,3	2183	14
QUBI 1 OAL9 8030.810-1M HYB		1500	24,3	61,7	2955	20
QUBI 1 OAL9 8030.350-1M		1020	10,9	93,5	1364	8,3
QUBI 1 OAL9 8030.630-1M		1730	18,9	91,5	2355	15,3
QUBI 1 OAL9 8030.900-1M	SP-M25	2380	27	88,1	3244	22,4
QUBI 1 OAL9 8030.350-1M HYB		622	10,9	57	1364	8,3
QUBI 1 OAL9 8030.580-1M HYB		982	17,4	56,4	2183	14
QUBI 1 OAL9 8030.810-1M HYB		1320	24,3	54,3	2955	20
QUBI 1 OAL9 8030.350-1M		923	10,9	84,6	1364	8,3
QUBI 1 OAL9 8030.630-1M		1580	18,9	83,5	2355	15,3
QUBI 1 OAL9 8030.900-1M	SP-W35	2160	27	80	3244	22,4
QUBI 1 OAL9 8030.350-1M HYB		443	10,9	40,6	1364	8,3
QUBI 1 OAL9 8030.580-1M HYB		701	17,4	40,2	2183	14
QUBI 1 OAL9 8030.810-1M HYB		946	24,3	38,9	2955	20
QUBI 1 OAL9 8030.350-1M		871	10,9	79,9	1364	8,3
QUBI 1 OAL9 8030.630-1M		1480	18,9	78,3	2355	15,3
QUBI 1 OAL9 8030.900-1M	SP-WW65	2040	27	75,5	3244	22,4
QUBI 1 OAL9 8030.350-1M HYB		375	10,9	34,4	1364	8,3
QUBI 1 OAL9 8030.580-1M HYB		593	17,4	34	2183	14
QUBI 1 OAL9 8030.810-1M HYB		796	24,3	32,7	2955	20

\*RATED LUMINAIRE FLUX / RATED LUMINAIRE POWER: Rated data obtained in laboratory. T<sub>a</sub>=25°C. V<sub>in</sub>=230Vac. ON-OFF.  
 \*RATED LED FLUX / RATED LED POWER: Rated data extrapolated from LED manufacturer datasheet. T<sub>j</sub>=85°C.  
 Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±10%. Power tolerance: ±10%.  
 The characteristics of the product listed above are subjected to change without notice.

**QUBI 1 OAL9 2700K – Ta35**

LUMINAIRE	OPTIC	RATED LUMINAIRE FLUX* (2700K, lm)	RATED LUMINAIRE POWER* (W)	LUMINAIRE EFFICACY (lm/W)	RATED LED FLUX* (2700K, lm)	RATED LED POWER* (W)
QUBI 1 OAL9 8027.350-1M		861	10,9	78,9	1105	8,3
QUBI 1 OAL9 8027.560-1M	AS5-15-15	1320	16,8	78,5	1712	13,5
QUBI 1 OAL9 8027.760-1M		1720	22,8	75,4	2261	18,7
QUBI 1 OAL9 8027.350-1M		695	10,9	63,7	1105	8,3
QUBI 1 OAL9 8027.560-1M	AS5-15-60	1070	16,8	63,6	1712	13,5
QUBI 1 OAL9 8027.760-1M		1390	22,8	60,9	2261	18,7
QUBI 1 OAL9 8027.350-1M		824	10,9	75,5	1105	8,3
QUBI 1 OAL9 8027.560-1M	EL-15-40	1260	16,8	75	1712	13,5
QUBI 1 OAL9 8027.760-1M		1660	22,8	72,8	2261	18,7
QUBI 1 OAL9 8027.350-1M		824	10,9	75,5	1105	8,3
QUBI 1 OAL9 8027.560-1M	EL-15-60	1260	16,8	75	1712	13,5
QUBI 1 OAL9 8027.760-1M		1660	22,8	72,8	2261	18,7
QUBI 1 OAL9 8027.350-1M		655	10,9	60	1105	8,3
QUBI 1 OAL9 8027.560-1M	EL-15-135	1000	16,8	59,5	1712	13,5
QUBI 1 OAL9 8027.760-1M		1310	22,8	57,4	2261	18,7
QUBI 1 OAL9 8027.350-1M		760	10,9	69,7	1105	8,3
QUBI 1 OAL9 8027.560-1M	EL-30-45	1160	16,8	69	1712	13,5
QUBI 1 OAL9 8027.760-1M		1520	22,8	66,6	2261	18,7
QUBI 1 OAL9 8027.350-1M		760	10,9	69,7	1105	8,3
QUBI 1 OAL9 8027.560-1M	EL-30-70	1160	16,8	69	1712	13,5
QUBI 1 OAL9 8027.760-1M		1520	22,8	66,6	2261	18,7
QUBI 1 OAL9 8027.350-1M		576	10,9	52,8	1105	8,3
QUBI 1 OAL9 8027.560-1M	EL-30-130	887	16,8	52,7	1712	13,5
QUBI 1 OAL9 8027.760-1M		1160	22,8	50,8	2261	18,7
QUBI 1 OAL9 8027.350-1M		834	10,9	76,5	1105	8,3
QUBI 1 OAL9 8027.630-1M		1420	18,9	75,1	1908	15,3
QUBI 1 OAL9 8027.900-1M	SP-RS12	1950	27	72,2	2628	22,4
QUBI 1 OAL9 8027.350-1M HYB		600	10,9	55	1105	8,3
QUBI 1 OAL9 8027.580-1M HYB		950	17,4	54,5	1769	14
QUBI 1 OAL9 8027.810-1M HYB		1280	24,3	52,6	2394	20
QUBI 1 OAL9 8027.350-1M		817	10,9	74,9	1105	8,3
QUBI 1 OAL9 8027.630-1M		1390	18,9	73,5	1908	15,3
QUBI 1 OAL9 8027.900-1M	SP-S15	1900	27	70,3	2628	22,4
QUBI 1 OAL9 8027.350-1M HYB		572	10,9	52,4	1105	8,3
QUBI 1 OAL9 8027.580-1M HYB		903	17,4	51,8	1769	14
QUBI 1 OAL9 8027.810-1M HYB		1210	24,3	49,7	2394	20
QUBI 1 OAL9 8027.350-1M		824	10,9	75,5	1105	8,3
QUBI 1 OAL9 8027.630-1M		1400	18,9	74	1908	15,3
QUBI 1 OAL9 8027.900-1M	SP-M25	1930	27	71,4	2628	22,4
QUBI 1 OAL9 8027.350-1M HYB		503	10,9	46,1	1105	8,3
QUBI 1 OAL9 8027.580-1M HYB		793	17,4	45,5	1769	14
QUBI 1 OAL9 8027.810-1M HYB		1070	24,3	44	2394	20
QUBI 1 OAL9 8027.350-1M		748	10,9	68,6	1105	8,3
QUBI 1 OAL9 8027.630-1M		1280	18,9	67,7	1908	15,3
QUBI 1 OAL9 8027.900-1M	SP-W35	1750	27	64,8	2628	22,4
QUBI 1 OAL9 8027.350-1M HYB		359	10,9	32,9	1105	8,3
QUBI 1 OAL9 8027.580-1M HYB		571	17,4	32,8	1769	14
QUBI 1 OAL9 8027.810-1M HYB		768	24,3	31,6	2394	20
QUBI 1 OAL9 8027.350-1M		705	10,9	64,6	1105	8,3
QUBI 1 OAL9 8027.630-1M		1200	18,9	63,4	1908	15,3
QUBI 1 OAL9 8027.900-1M	SP-WW65	1650	27	61,1	2628	22,4
QUBI 1 OAL9 8027.350-1M HYB		303	10,9	27,7	1105	8,3
QUBI 1 OAL9 8027.580-1M HYB		482	17,4	27,7	1769	14
QUBI 1 OAL9 8027.810-1M HYB		645	24,3	26,5	2394	20

\*RATED LUMINAIRE FLUX / RATED LUMINAIRE POWER: Rated data obtained in laboratory, T<sub>a</sub>=25°C, V<sub>in</sub>=230Vac, ON-OFF.  
 \*RATED LED FLUX / RATED LED POWER: Rated data extrapolated from LED manufacturer datasheet, T<sub>j</sub>=85°C.  
 Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±10%. Power tolerance: ±10%.  
 The characteristics of the product listed above are subjected to change without notice.

**QUBI 1 OAL9 2200K – Ta35**

LUMINAIRE	OPTIC	RATED LUMINAIRE FLUX* (2200K, lm)	RATED LUMINAIRE POWER* (W)	LUMINAIRE EFFICACY (lm/W)	RATED LED FLUX* (2200K, lm)	RATED LED POWER* (W)
QUBI 1 OAL9 8022.350-1M		744	10,9	68,2	955	8,3
QUBI 1 OAL9 8022.560-1M	AS5-15-15	1140	16,8	67,8	1480	13,5
QUBI 1 OAL9 8022.760-1M		1490	22,8	65,3	1954	18,7
QUBI 1 OAL9 8022.350-1M		601	10,9	55,1	955	8,3
QUBI 1 OAL9 8022.560-1M	AS5-15-60	921	16,8	54,8	1480	13,5
QUBI 1 OAL9 8022.760-1M		1200	22,8	52,6	1954	18,7
QUBI 1 OAL9 8022.350-1M		712	10,9	65,3	955	8,3
QUBI 1 OAL9 8022.560-1M	EL-15-40	1090	16,8	64,8	1480	13,5
QUBI 1 OAL9 8022.760-1M		1430	22,8	62,7	1954	18,7
QUBI 1 OAL9 8022.350-1M		712	10,9	65,3	955	8,3
QUBI 1 OAL9 8022.560-1M	EL-15-60	1090	16,8	64,8	1480	13,5
QUBI 1 OAL9 8022.760-1M		1430	22,8	62,7	1954	18,7
QUBI 1 OAL9 8022.350-1M		566	10,9	51,9	955	8,3
QUBI 1 OAL9 8022.560-1M	EL-15-135	867	16,8	51,6	1480	13,5
QUBI 1 OAL9 8022.760-1M		1130	22,8	49,5	1954	18,7
QUBI 1 OAL9 8022.350-1M		656	10,9	60,1	955	8,3
QUBI 1 OAL9 8022.560-1M	EL-30-45	1010	16,8	60,1	1480	13,5
QUBI 1 OAL9 8022.760-1M		1320	22,8	57,8	1954	18,7
QUBI 1 OAL9 8022.350-1M		656	10,9	60,1	955	8,3
QUBI 1 OAL9 8022.560-1M	EL-30-70	1010	16,8	60,1	1480	13,5
QUBI 1 OAL9 8022.760-1M		1320	22,8	57,8	1954	18,7
QUBI 1 OAL9 8022.350-1M		497	10,9	45,5	955	8,3
QUBI 1 OAL9 8022.560-1M	EL-30-130	766	16,8	45,5	1480	13,5
QUBI 1 OAL9 8022.760-1M		998	22,8	43,7	1954	18,7
QUBI 1 OAL9 8022.350-1M		721	10,9	66,1	955	8,3
QUBI 1 OAL9 8022.630-1M		1230	18,9	65	1649	15,3
QUBI 1 OAL9 8022.900-1M	SP-RS12	1690	27	62,5	2271	22,4
QUBI 1 OAL9 8022.350-1M HYB		519	10,9	47,6	955	8,3
QUBI 1 OAL9 8022.580-1M HYB		821	17,4	47,1	1528	14
QUBI 1 OAL9 8022.810-1M HYB		1110	24,3	45,6	2068	20
QUBI 1 OAL9 8022.350-1M		706	10,9	64,7	955	8,3
QUBI 1 OAL9 8022.630-1M		1200	18,9	63,4	1649	15,3
QUBI 1 OAL9 8022.900-1M	SP-S15	1650	27	61,1	2271	22,4
QUBI 1 OAL9 8022.350-1M HYB		494	10,9	45,3	955	8,3
QUBI 1 OAL9 8022.580-1M HYB		784	17,4	45	1528	14
QUBI 1 OAL9 8022.810-1M HYB		1050	24,3	43,2	2068	20
QUBI 1 OAL9 8022.350-1M		712	10,9	65,3	955	8,3
QUBI 1 OAL9 8022.630-1M		1210	18,9	64	1649	15,3
QUBI 1 OAL9 8022.900-1M	SP-M25	1670	27	61,8	2271	22,4
QUBI 1 OAL9 8022.350-1M HYB		434	10,9	39,8	955	8,3
QUBI 1 OAL9 8022.580-1M HYB		689	17,4	39,5	1528	14
QUBI 1 OAL9 8022.810-1M HYB		921	24,3	37,9	2068	20
QUBI 1 OAL9 8022.350-1M		646	10,9	59,2	955	8,3
QUBI 1 OAL9 8022.630-1M		1100	18,9	58,2	1649	15,3
QUBI 1 OAL9 8022.900-1M	SP-W35	1510	27	55,9	2271	22,4
QUBI 1 OAL9 8022.350-1M HYB		310	10,9	28,4	955	8,3
QUBI 1 OAL9 8022.580-1M HYB		490	17,4	28,1	1528	14
QUBI 1 OAL9 8022.810-1M HYB		662	24,3	27,2	2068	20
QUBI 1 OAL9 8022.350-1M		609	10,9	55,8	955	8,3
QUBI 1 OAL9 8022.630-1M		1040	18,9	55	1649	15,3
QUBI 1 OAL9 8022.900-1M	SP-WW65	1430	27	52,9	2271	22,4
QUBI 1 OAL9 8022.350-1M HYB		262	10,9	24	955	8,3
QUBI 1 OAL9 8022.580-1M HYB		415	17,4	23,8	1528	14
QUBI 1 OAL9 8022.810-1M HYB		559	24,3	23	2068	20

\*RATED LUMINAIRE FLUX / RATED LUMINAIRE POWER: Rated data obtained in laboratory. T<sub>a</sub>=25°C, V<sub>in</sub>=230Vac, ON-OFF.  
 \*RATED LED FLUX / RATED LED POWER: Rated data extrapolated from LED manufacturer datasheet. T<sub>j</sub>=85°C.  
 Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±10%. Power tolerance: ±10%.  
 The characteristics of the product listed above are subjected to change without notice.

**QUBI 1 OAL9 4000K – T<sub>a</sub>50**

LUMINAIRE	OPTIC	RATED LUMINAIRE FLUX* (4000K, lm)	RATED LUMINAIRE POWER* (W)	LUMINAIRE EFFICACY (lm/W)	RATED LED FLUX* (4000K, lm)	RATED LED POWER* (W)
QUBI 1 OAL9 8040.350-1M		1150	10,9	105,5	1474	8,3
QUBI 1 OAL9 8040.440-1M	AS5-15-15	1420	13,4	105,9	1826	10,5
QUBI 1 OAL9 8040.530-1M		1670	16	104,3	2170	12,8
QUBI 1 OAL9 8040.350-1M		927	10,9	85	1474	8,3
QUBI 1 OAL9 8040.440-1M	AS5-15-60	1150	13,4	85,8	1826	10,5
QUBI 1 OAL9 8040.530-1M		1350	16	84,3	2170	12,8
QUBI 1 OAL9 8040.350-1M		1100	10,9	100,9	1474	8,3
QUBI 1 OAL9 8040.440-1M	EL-15-40	1360	13,4	101,4	1826	10,5
QUBI 1 OAL9 8040.530-1M		1600	16	100	2170	12,8
QUBI 1 OAL9 8040.350-1M		1100	10,9	100,9	1474	8,3
QUBI 1 OAL9 8040.440-1M	EL-15-60	1360	13,4	101,4	1826	10,5
QUBI 1 OAL9 8040.530-1M		1600	16	100	2170	12,8
QUBI 1 OAL9 8040.350-1M		874	10,9	80,1	1474	8,3
QUBI 1 OAL9 8040.440-1M	EL-15-135	1080	13,4	80,5	1826	10,5
QUBI 1 OAL9 8040.530-1M		1270	16	79,3	2170	12,8
QUBI 1 OAL9 8040.350-1M		1010	10,9	92,6	1474	8,3
QUBI 1 OAL9 8040.440-1M	EL-30-45	1250	13,4	93,2	1826	10,5
QUBI 1 OAL9 8040.530-1M		1480	16	92,5	2170	12,8
QUBI 1 OAL9 8040.350-1M		1010	10,9	92,6	1474	8,3
QUBI 1 OAL9 8040.440-1M	EL-30-70	1250	13,4	93,2	1826	10,5
QUBI 1 OAL9 8040.530-1M		1480	16	92,5	2170	12,8
QUBI 1 OAL9 8040.350-1M		767	10,9	70,3	1474	8,3
QUBI 1 OAL9 8040.440-1M	EL-30-130	952	13,4	71	1826	10,5
QUBI 1 OAL9 8040.530-1M		1130	16	70,6	2170	12,8
QUBI 1 OAL9 8040.350-1M		1110	10,9	101,8	1474	8,3
QUBI 1 OAL9 8040.490-1M		1520	14,8	102,7	2018	11,7
QUBI 1 OAL9 8040.630-1M	SP-RS12	1900	18,9	100,5	2544	15,3
QUBI 1 OAL9 8040.350-1M HYB		799	10,9	73,3	1474	8,3
QUBI 1 OAL9 8040.460-1M HYB		1030	14	73,5	1903	11
QUBI 1 OAL9 8040.570-1M HYB		1250	17,1	73	2321	13,8
QUBI 1 OAL9 8040.350-1M		1090	10,9	100	1474	8,3
QUBI 1 OAL9 8040.490-1M		1480	14,8	100	2018	11,7
QUBI 1 OAL9 8040.630-1M	SP-S15	1850	18,9	97,8	2544	15,3
QUBI 1 OAL9 8040.350-1M HYB		763	10,9	70	1474	8,3
QUBI 1 OAL9 8040.460-1M HYB		980	14	70	1903	11
QUBI 1 OAL9 8040.570-1M HYB		1190	17,1	69,5	2321	13,8
QUBI 1 OAL9 8040.350-1M		1100	10,9	100,9	1474	8,3
QUBI 1 OAL9 8040.490-1M		1500	14,8	101,3	2018	11,7
QUBI 1 OAL9 8040.630-1M	SP-M25	1870	18,9	98,9	2544	15,3
QUBI 1 OAL9 8040.350-1M HYB		671	10,9	61,5	1474	8,3
QUBI 1 OAL9 8040.460-1M HYB		860	14	61,4	1903	11
QUBI 1 OAL9 8040.570-1M HYB		1040	17,1	60,8	2321	13,8
QUBI 1 OAL9 8040.350-1M		997	10,9	91,4	1474	8,3
QUBI 1 OAL9 8040.490-1M		1360	14,8	91,8	2018	11,7
QUBI 1 OAL9 8040.630-1M	SP-W35	1700	18,9	89,9	2544	15,3
QUBI 1 OAL9 8040.350-1M HYB		479	10,9	43,9	1474	8,3
QUBI 1 OAL9 8040.460-1M HYB		614	14	43,8	1903	11
QUBI 1 OAL9 8040.570-1M HYB		749	17,1	43,8	2321	13,8
QUBI 1 OAL9 8040.350-1M		940	10,9	86,2	1474	8,3
QUBI 1 OAL9 8040.490-1M		1280	14,8	86,4	2018	11,7
QUBI 1 OAL9 8040.630-1M	SP-WW65	1600	18,9	84,6	2544	15,3
QUBI 1 OAL9 8040.350-1M HYB		404	10,9	37	1474	8,3
QUBI 1 OAL9 8040.460-1M HYB		520	14	37,1	1903	11
QUBI 1 OAL9 8040.570-1M HYB		632	17,1	36,9	2321	13,8

\*RATED LUMINAIRE FLUX / RATED LUMINAIRE POWER: Rated data obtained in laboratory. T<sub>g</sub>=25°C. V<sub>in</sub>=230Vac. ON-OFF.  
 \*RATED LED FLUX / RATED LED POWER: Rated data extrapolated from LED manufacturer datasheet. T<sub>j</sub>=85°C.  
 Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±10%. Power tolerance: ±10%.  
 The characteristics of the product listed above are subjected to change without notice.

**QUBI 1 OAL9 3000K – Ta50**

LUMINAIRE	OPTIC	RATED LUMINAIRE FLUX* (3000K, lm)	RATED LUMINAIRE POWER* (W)	LUMINAIRE EFFICACY (lm/W)	RATED LED FLUX* (3000K, lm)	RATED LED POWER* (W)
QUBI 1 OAL9 8030.350-1M		1060	10,9	97,2	1364	8,3
QUBI 1 OAL9 8030.440-1M	AS5-15-15	1310	13,4	97,7	1691	10,5
QUBI 1 OAL9 8030.530-1M		1550	16	96,8	2009	12,8
QUBI 1 OAL9 8030.350-1M		858	10,9	78,7	1364	8,3
QUBI 1 OAL9 8030.440-1M	AS5-15-60	1060	13,4	79,1	1691	10,5
QUBI 1 OAL9 8030.530-1M		1250	16	78,1	2009	12,8
QUBI 1 OAL9 8030.350-1M		1020	10,9	93,5	1364	8,3
QUBI 1 OAL9 8030.440-1M	EL-15-40	1260	13,4	94	1691	10,5
QUBI 1 OAL9 8030.530-1M		1490	16	93,1	2009	12,8
QUBI 1 OAL9 8030.350-1M		1020	10,9	93,5	1364	8,3
QUBI 1 OAL9 8030.440-1M	EL-15-60	1260	13,4	94	1691	10,5
QUBI 1 OAL9 8030.530-1M		1490	16	93,1	2009	12,8
QUBI 1 OAL9 8030.350-1M		809	10,9	74,2	1364	8,3
QUBI 1 OAL9 8030.440-1M	EL-15-135	998	13,4	74,4	1691	10,5
QUBI 1 OAL9 8030.530-1M		1180	16	73,7	2009	12,8
QUBI 1 OAL9 8030.350-1M		938	10,9	86	1364	8,3
QUBI 1 OAL9 8030.440-1M	EL-30-45	1160	13,4	86,5	1691	10,5
QUBI 1 OAL9 8030.530-1M		1370	16	85,6	2009	12,8
QUBI 1 OAL9 8030.350-1M		938	10,9	86	1364	8,3
QUBI 1 OAL9 8030.440-1M	EL-30-70	1160	13,4	86,5	1691	10,5
QUBI 1 OAL9 8030.530-1M		1370	16	85,6	2009	12,8
QUBI 1 OAL9 8030.350-1M		711	10,9	65,2	1364	8,3
QUBI 1 OAL9 8030.440-1M	EL-30-130	882	13,4	65,8	1691	10,5
QUBI 1 OAL9 8030.530-1M		1040	16	65	2009	12,8
QUBI 1 OAL9 8030.350-1M		1030	10,9	94,4	1364	8,3
QUBI 1 OAL9 8030.490-1M		1400	14,8	94,5	1869	11,7
QUBI 1 OAL9 8030.630-1M	SP-RS12	1760	18,9	93,1	2355	15,3
QUBI 1 OAL9 8030.350-1M HYB		742	10,9	68	1364	8,3
QUBI 1 OAL9 8030.460-1M HYB		958	14	68,4	1762	11
QUBI 1 OAL9 8030.570-1M HYB		1160	17,1	67,8	2149	13,8
QUBI 1 OAL9 8030.350-1M		1010	10,9	92,6	1364	8,3
QUBI 1 OAL9 8030.490-1M		1370	14,8	92,5	1869	11,7
QUBI 1 OAL9 8030.630-1M	SP-S15	1720	18,9	91	2355	15,3
QUBI 1 OAL9 8030.350-1M HYB		707	10,9	64,8	1364	8,3
QUBI 1 OAL9 8030.460-1M HYB		910	14	65	1762	11
QUBI 1 OAL9 8030.570-1M HYB		1100	17,1	64,3	2149	13,8
QUBI 1 OAL9 8030.350-1M		1020	10,9	93,5	1364	8,3
QUBI 1 OAL9 8030.490-1M		1380	14,8	93,2	1869	11,7
QUBI 1 OAL9 8030.630-1M	SP-M25	1730	18,9	91,5	2355	15,3
QUBI 1 OAL9 8030.350-1M HYB		622	10,9	57	1364	8,3
QUBI 1 OAL9 8030.460-1M HYB		799	14	57	1762	11
QUBI 1 OAL9 8030.570-1M HYB		964	17,1	56,3	2149	13,8
QUBI 1 OAL9 8030.350-1M		923	10,9	84,6	1364	8,3
QUBI 1 OAL9 8030.490-1M		1260	14,8	85,1	1869	11,7
QUBI 1 OAL9 8030.630-1M	SP-W35	1580	18,9	83,5	2355	15,3
QUBI 1 OAL9 8030.350-1M HYB		443	10,9	40,6	1364	8,3
QUBI 1 OAL9 8030.460-1M HYB		571	14	40,7	1762	11
QUBI 1 OAL9 8030.570-1M HYB		691	17,1	40,4	2149	13,8
QUBI 1 OAL9 8030.350-1M		871	10,9	79,9	1364	8,3
QUBI 1 OAL9 8030.490-1M		1190	14,8	80,4	1869	11,7
QUBI 1 OAL9 8030.630-1M	SP-WW65	1480	18,9	78,3	2355	15,3
QUBI 1 OAL9 8030.350-1M HYB		375	10,9	34,4	1364	8,3
QUBI 1 OAL9 8030.460-1M HYB		482	14	34,4	1762	11
QUBI 1 OAL9 8030.570-1M HYB		585	17,1	34,2	2149	13,8

\*RATED LUMINAIRE FLUX / RATED LUMINAIRE POWER: Rated data obtained in laboratory. T<sub>a</sub>=25°C. V<sub>in</sub>=230Vac. ON-OFF.  
 \*RATED LED FLUX / RATED LED POWER: Rated data extrapolated from LED manufacturer datasheet. T<sub>j</sub>=85°C.  
 Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±10%. Power tolerance: ±10%.  
 The characteristics of the product listed above are subjected to change without notice.

**QUBI 1 OAL9 2700K – Ta50**

LUMINAIRE	OPTIC	RATED LUMINAIRE FLUX* (2700K, lm)	RATED LUMINAIRE POWER* (W)	LUMINAIRE EFFICACY (lm/W)	RATED LED FLUX* (2700K, lm)	RATED LED POWER* (W)
QUBI 1 OAL9 8027.350-1M		861	10,9	78,9	1105	8,3
QUBI 1 OAL9 8027.440-1M	AS5-15-15	1060	13,4	79,1	1369	10,5
QUBI 1 OAL9 8027.530-1M		1250	16	78,1	1628	12,8
QUBI 1 OAL9 8027.350-1M		695	10,9	63,7	1105	8,3
QUBI 1 OAL9 8027.440-1M	AS5-15-60	859	13,4	64,1	1369	10,5
QUBI 1 OAL9 8027.530-1M		1020	16	63,7	1628	12,8
QUBI 1 OAL9 8027.350-1M		824	10,9	75,5	1105	8,3
QUBI 1 OAL9 8027.440-1M	EL-15-40	1020	13,4	76,1	1369	10,5
QUBI 1 OAL9 8027.530-1M		1200	16	75	1628	12,8
QUBI 1 OAL9 8027.350-1M		824	10,9	75,5	1105	8,3
QUBI 1 OAL9 8027.440-1M	EL-15-60	1020	13,4	76,1	1369	10,5
QUBI 1 OAL9 8027.530-1M		1200	16	75	1628	12,8
QUBI 1 OAL9 8027.350-1M		655	10,9	60	1105	8,3
QUBI 1 OAL9 8027.440-1M	EL-15-135	809	13,4	60,3	1369	10,5
QUBI 1 OAL9 8027.530-1M		956	16	59,7	1628	12,8
QUBI 1 OAL9 8027.350-1M		760	10,9	69,7	1105	8,3
QUBI 1 OAL9 8027.440-1M	EL-30-45	938	13,4	70	1369	10,5
QUBI 1 OAL9 8027.530-1M		1110	16	69,3	1628	12,8
QUBI 1 OAL9 8027.350-1M		760	10,9	69,7	1105	8,3
QUBI 1 OAL9 8027.440-1M	EL-30-70	938	13,4	70	1369	10,5
QUBI 1 OAL9 8027.530-1M		1110	16	69,3	1628	12,8
QUBI 1 OAL9 8027.350-1M		576	10,9	52,8	1105	8,3
QUBI 1 OAL9 8027.440-1M	EL-30-130	714	13,4	53,2	1369	10,5
QUBI 1 OAL9 8027.530-1M		845	16	52,8	1628	12,8
QUBI 1 OAL9 8027.350-1M		834	10,9	76,5	1105	8,3
QUBI 1 OAL9 8027.490-1M		1140	14,8	77	1514	11,7
QUBI 1 OAL9 8027.630-1M	SP-RS12	1420	18,9	75,1	1908	15,3
QUBI 1 OAL9 8027.350-1M HYB		600	10,9	55	1105	8,3
QUBI 1 OAL9 8027.460-1M HYB		770	14	55	1427	11
QUBI 1 OAL9 8027.570-1M HYB		936	17,1	54,7	1741	13,8
QUBI 1 OAL9 8027.350-1M		817	10,9	74,9	1105	8,3
QUBI 1 OAL9 8027.490-1M		1110	14,8	75	1514	11,7
QUBI 1 OAL9 8027.630-1M	SP-S15	1390	18,9	73,5	1908	15,3
QUBI 1 OAL9 8027.350-1M HYB		572	10,9	52,4	1105	8,3
QUBI 1 OAL9 8027.460-1M HYB		735	14	52,5	1427	11
QUBI 1 OAL9 8027.570-1M HYB		889	17,1	51,9	1741	13,8
QUBI 1 OAL9 8027.350-1M		824	10,9	75,5	1105	8,3
QUBI 1 OAL9 8027.490-1M		1120	14,8	75,6	1514	11,7
QUBI 1 OAL9 8027.630-1M	SP-M25	1400	18,9	74	1908	15,3
QUBI 1 OAL9 8027.350-1M HYB		503	10,9	46,1	1105	8,3
QUBI 1 OAL9 8027.460-1M HYB		647	14	46,2	1427	11
QUBI 1 OAL9 8027.570-1M HYB		781	17,1	45,6	1741	13,8
QUBI 1 OAL9 8027.350-1M		748	10,9	68,6	1105	8,3
QUBI 1 OAL9 8027.490-1M		1020	14,8	68,9	1514	11,7
QUBI 1 OAL9 8027.630-1M	SP-W35	1280	18,9	67,7	1908	15,3
QUBI 1 OAL9 8027.350-1M HYB		359	10,9	32,9	1105	8,3
QUBI 1 OAL9 8027.460-1M HYB		461	14	32,9	1427	11
QUBI 1 OAL9 8027.570-1M HYB		562	17,1	32,8	1741	13,8
QUBI 1 OAL9 8027.350-1M		705	10,9	64,6	1105	8,3
QUBI 1 OAL9 8027.490-1M		962	14,8	65	1514	11,7
QUBI 1 OAL9 8027.630-1M	SP-WW65	1200	18,9	63,4	1908	15,3
QUBI 1 OAL9 8027.350-1M HYB		303	10,9	27,7	1105	8,3
QUBI 1 OAL9 8027.460-1M HYB		391	14	27,9	1427	11
QUBI 1 OAL9 8027.570-1M HYB		473	17,1	27,6	1741	13,8

\*RATED LUMINAIRE FLUX / RATED LUMINAIRE POWER: Rated data obtained in laboratory. T<sub>g</sub>=25°C. V<sub>in</sub>=230Vac. ON-OFF.  
 \*RATED LED FLUX / RATED LED POWER: Rated data extrapolated from LED manufacturer datasheet. T<sub>j</sub>=85°C.  
 Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±10%. Power tolerance: ±10%.  
 The characteristics of the product listed above are subjected to change without notice.

**QUBI 1 OAL9 2200K – T<sub>a</sub>50**

LUMINAIRE	OPTIC	RATED LUMINAIRE FLUX* (2200K, lm)	RATED LUMINAIRE POWER* (W)	LUMINAIRE EFFICACY (lm/W)	RATED LED FLUX* (2200K, lm)	RATED LED POWER* (W)
QUBI 1 OAL9 8022.350-1M		744	10,9	68,2	955	8,3
QUBI 1 OAL9 8022.440-1M	AS5-15-15	918	13,4	68,5	1183	10,5
QUBI 1 OAL9 8022.530-1M		1080	16	67,5	1407	12,8
QUBI 1 OAL9 8022.350-1M		601	10,9	55,1	955	8,3
QUBI 1 OAL9 8022.440-1M	AS5-15-60	743	13,4	55,4	1183	10,5
QUBI 1 OAL9 8022.530-1M		877	16	54,8	1407	12,8
QUBI 1 OAL9 8022.350-1M		712	10,9	65,3	955	8,3
QUBI 1 OAL9 8022.440-1M	EL-15-40	880	13,4	65,6	1183	10,5
QUBI 1 OAL9 8022.530-1M		1040	16	65	1407	12,8
QUBI 1 OAL9 8022.350-1M		712	10,9	65,3	955	8,3
QUBI 1 OAL9 8022.440-1M	EL-15-60	880	13,4	65,6	1183	10,5
QUBI 1 OAL9 8022.530-1M		1040	16	65	1407	12,8
QUBI 1 OAL9 8022.350-1M		566	10,9	51,9	955	8,3
QUBI 1 OAL9 8022.440-1M	EL-15-135	699	13,4	52,1	1183	10,5
QUBI 1 OAL9 8022.530-1M		826	16	51,6	1407	12,8
QUBI 1 OAL9 8022.350-1M		656	10,9	60,1	955	8,3
QUBI 1 OAL9 8022.440-1M	EL-30-45	811	13,4	60,5	1183	10,5
QUBI 1 OAL9 8022.530-1M		959	16	59,9	1407	12,8
QUBI 1 OAL9 8022.350-1M		656	10,9	60,1	955	8,3
QUBI 1 OAL9 8022.440-1M	EL-30-70	811	13,4	60,5	1183	10,5
QUBI 1 OAL9 8022.530-1M		959	16	59,9	1407	12,8
QUBI 1 OAL9 8022.350-1M		497	10,9	45,5	955	8,3
QUBI 1 OAL9 8022.440-1M	EL-30-130	617	13,4	46	1183	10,5
QUBI 1 OAL9 8022.530-1M		730	16	45,6	1407	12,8
QUBI 1 OAL9 8022.350-1M		721	10,9	66,1	955	8,3
QUBI 1 OAL9 8022.490-1M		983	14,8	66,4	1308	11,7
QUBI 1 OAL9 8022.630-1M		1230	18,9	65	1649	15,3
QUBI 1 OAL9 8022.350-1M HYB	SP-RS12	519	10,9	47,6	955	8,3
QUBI 1 OAL9 8022.460-1M HYB		668	14	47,7	1233	11
QUBI 1 OAL9 8022.570-1M HYB		814	17,1	47,6	1504	13,8
QUBI 1 OAL9 8022.350-1M		706	10,9	64,7	955	8,3
QUBI 1 OAL9 8022.490-1M		962	14,8	65	1308	11,7
QUBI 1 OAL9 8022.630-1M		1200	18,9	63,4	1649	15,3
QUBI 1 OAL9 8022.350-1M HYB	SP-S15	494	10,9	45,3	955	8,3
QUBI 1 OAL9 8022.460-1M HYB		636	14	45,4	1233	11
QUBI 1 OAL9 8022.570-1M HYB		770	17,1	45	1504	13,8
QUBI 1 OAL9 8022.350-1M		712	10,9	65,3	955	8,3
QUBI 1 OAL9 8022.490-1M		969	14,8	65,4	1308	11,7
QUBI 1 OAL9 8022.630-1M		1210	18,9	64	1649	15,3
QUBI 1 OAL9 8022.350-1M HYB	SP-M25	434	10,9	39,8	955	8,3
QUBI 1 OAL9 8022.460-1M HYB		559	14	39,9	1233	11
QUBI 1 OAL9 8022.570-1M HYB		677	17,1	39,5	1504	13,8
QUBI 1 OAL9 8022.350-1M		646	10,9	59,2	955	8,3
QUBI 1 OAL9 8022.490-1M		880	14,8	59,4	1308	11,7
QUBI 1 OAL9 8022.630-1M		1100	18,9	58,2	1649	15,3
QUBI 1 OAL9 8022.350-1M HYB	SP-W35	310	10,9	28,4	955	8,3
QUBI 1 OAL9 8022.460-1M HYB		399	14	28,5	1233	11
QUBI 1 OAL9 8022.570-1M HYB		485	17,1	28,3	1504	13,8
QUBI 1 OAL9 8022.350-1M		609	10,9	55,8	955	8,3
QUBI 1 OAL9 8022.490-1M		832	14,8	56,2	1308	11,7
QUBI 1 OAL9 8022.630-1M		1040	18,9	55	1649	15,3
QUBI 1 OAL9 8022.350-1M HYB	SP-WW65	262	10,9	24	955	8,3
QUBI 1 OAL9 8022.460-1M HYB		338	14	24,1	1233	11
QUBI 1 OAL9 8022.570-1M HYB		409	17,1	23,9	1504	13,8

\*RATED LUMINAIRE FLUX / RATED LUMINAIRE POWER: Rated data obtained in laboratory. T<sub>g</sub>=25°C. Vin=230Vac. ON-OFF.  
 \*RATED LED FLUX / RATED LED POWER: Rated data extrapolated from LED manufacturer datasheet. T<sub>j</sub>=85°C.  
 Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±10%. Power tolerance: ±10%.  
 The characteristics of the product listed above are subjected to change without notice.