



OBSERVATORIO ROQUE DE LOS MUCHACHOS
2021 DISTRIBUTION TABLE FOR UNDIFFERENTIATED COMMON SERVICES

FOR APPROVAL CCI NOVEMBER 2020

	APERTURE OF TELESCOPES		AREA COVERED BY BUILDINGS		POWER CONSUMPTION		CCI
	m	%	m ²	%	kva	%	
ING	6,70	14,84%	1.684,22	22,61%	160,33	18,72%	18,72%
IAC	10,29	22,79%	1.079,40	14,49%	108,15	12,63%	16,63%
TNG	3,58	7,93%	820,00	11,01%	158,91	18,55%	12,50%
LIVERPOOL	2,00	4,43%	298,00	4,00%	21,03	2,46%	3,63%
MERCATOR	1,20	2,66%	258,00	3,46%	22,92	2,68%	2,93%
GTC	10,40	23,03%	2.000,00	26,85%	293,90	34,31%	28,07%
MAGIC	6,80	15,06%	800,00	10,74%	48,71	5,69%	10,50%
S.WASP+GOTO	1,63	3,61%	172,00	2,31%	5,88	0,69%	2,20%
NOT	2,56	5,67%	336,00	4,51%	36,73	4,29%	4,82%
TOTAL	45,16	100,00%	7.447,62	100,00%	856,56	100,00%	100,00%

	APERTURE OF TELESCOPES		AREA COVERED BY BUILDINGS		POWER CONSUMPTION		CCI
	m	%	m ²	%	kva	%	
IAC	10,29	22,79%	1.079,40	14,49%	108,15	12,63%	16,64%
JKT	1,00	2,21%	145,78	1,96%	9,61	1,12%	1,76%
SST	3,20	7,09%	281,92	3,78%	13,42	1,57%	4,15%
DOT	1,49	3,30%	121,00	1,62%	0,00	0,00%	1,64%
LST	4,60	10,19%	530,70	7,12%	85,12	9,94%	9,08%

Notes to the table:

- Column "CCI" lists the percentage contribution of a UI to the ORM undifferentiated common services budget, given as the arithmetic mean of its telescope aperture diameter(s), the area covered by its buildings, and its electric power consumption, all three quantities expressed as percentages of the ORM-total for each.
- Effective diameters are used for Solar (Cherenkov) telescopes, defined as 3.3 (0.2) times the physical diameter.
- The Power consumption column was calculated using 2019 data.
- Institutions not belonging to the CCI contribute using the same formula via the IAC entry in the top table. Details are in the lower table.
- New facilities will start to contribute to the CSB as soon as construction starts (CCI #81).
- The contribution by new facilities will be determined by formula application, unless the result of this calculation would be below the minimum contribution of 4000 € In this case the minimum contribution of 4000 € will apply (CCI #81).