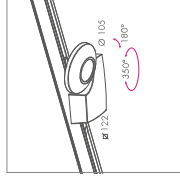


ONIS TRIM



ONIS TRIM LED

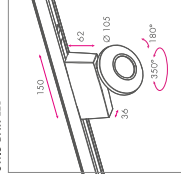
LUM. FLUX	LED PWR	CFI	CCI	SYSTEM PWR	EEI	DIM.
400lm	3.4W	90	2720K	3.5W	A+	Dim./+2V
600lm	4.6W	90	2720K	6.0W	A+	Dim./+2V
800lm	5.9W	90	2720K	8.1W	A+	Dim./+0V
1000lm	7.7W	90	2720K	10.5W	A+	Dim./+0V



ADAPTOR

- Lic.E4
- Lic.E5

ONIS BAR



ONIS BAR LED

LUM. FLUX	LED PWR	CFI	CCI	SYSTEM PWR	EEI	DIM.
400lm	3.4W	90	2720K	3.5W	A+	Dim./+2V
600lm	4.6W	90	2720K	6.0W	A+	Dim./+2V
800lm	5.9W	90	2720K	8.1W	A+	Dim./+0V
1000lm	7.7W	90	2720K	10.5W	A+	Dim./+0V



ADAPTOR

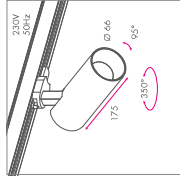
- Lic.E4
- Lic.E5



IZARO



IZARO LED



LUM. FLUX	LED PWR	CR	CCI	SYSTEM PWR	EE	DIM.
500 lm	5,6W	90	2750K	5,1W	A+	
1000 lm	9,0W	90	2750K	11,6W	A+	
1500 lm	13,6W	90	2750K	15,0W	A+	IE-E

REMARKS

- 4000°C on request

MOUNTING



OPTIONS



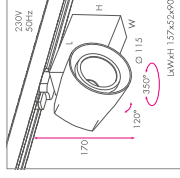
ADAPTORS

- X, A
- X, B
- X, E, F, G
- X, L, J
- X, V

ECLIPSO



ECLIPSO LED



LUM. FLUX	LED PWR	CR	CCI	SYSTEM PWR	EE	DIM.
1500 lm	16,8W	92	MFAT	19,2W	A	DALI
1500 lm	16,5W	92	COOL	20,0W	A	DALI
2000 lm	19,1W	92	2750K	22,0W	A+	DALI
2000 lm	17,1W	92	4000K	19,6W	A+	
2000 lm	16,6W	92	DMF	18,9W	A	DALI
2100 lm	19,2W	92	COOL	22,0W	A+	DALI
2100 lm	19,6W	92	2750K	23,1W	A+	DALI
2100 lm	20,1W	92	3000K	23,8W	A+	
2100 lm	20,9W	92	4000K	23,1W	A+	
2800 lm	24,8W	92	MFAT	28,8W	A	
3000 lm	24,1W	92	2750K	29,0W	A+	DALI
3000 lm	24,8W	92	3000K	29,8W	A+	
3000 lm	24,8W	92	4000K	28,6W	A+	
3000 lm	24,1W	92	DMF	28,7W	A	DALI
3500 lm	28,5W	92	2750K	33,1W	A+	DALI
3500 lm	29,3W	92	3000K	33,8W	A+	
3500 lm	29,3W	92	4000K	32,7W	A+	
4000 lm	32,0W	92	2750K	37,0W	A+	
4000 lm	32,0W	92	3000K	37,1W	A+	
4000 lm	32,0W	92	4000K	33,0W	A+	
4200 lm	42,6W	92	DMF	46,6W	A	
4500 lm	39,6W	92	2750K	43,8W	A+	DALI
4500 lm	39,6W	92	3000K	44,7W	A+	
4500 lm	33,2W	92	4000K	39,1W	A+	

MOUNTING



IZARO/AR

OPTIONS



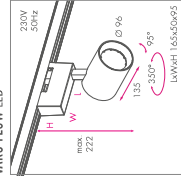
ADAPTORS

- I, K, E, F, G
- I, K, F, S

VARO FLOW



VARO FLOW LED



LUM. FLUX	LED PWR	CR	CCI	SYSTEM PWR	EE	DIM.
1000 lm	6,8W	92	MFAT	19,2W	A	DALI
1500 lm	5,5W	92	COOL	20,0W	A	DALI
2000 lm	5,8W	92	2750K	19,1W	A+	DALI
2000 lm	7,1W	92	4000K	19,6W	A+	
2000 lm	5,6W	92	DMF	18,9W	A	DALI
2100 lm	12,2W	92	COOL	14,5W	A	DALI
2400 lm	19,6W	92	2750K	23,1W	A+	DALI
2400 lm	20,9W	92	3000K	23,8W	A+	
2400 lm	20,9W	92	4000K	23,1W	A+	
3000 lm	24,1W	92	DMF	28,7W	A	DALI
3000 lm	24,8W	92	2750K	28,6W	A+	
3000 lm	24,8W	92	3000K	28,6W	A+	
3000 lm	24,8W	92	4000K	28,6W	A+	
3000 lm	24,1W	92	DMF	28,7W	A	DALI
3500 lm	28,5W	92	2750K	33,1W	A+	DALI
3500 lm	29,3W	92	3000K	33,8W	A+	
3500 lm	29,3W	92	4000K	32,7W	A+	
4000 lm	32,0W	92	2750K	37,0W	A+	
4000 lm	32,0W	92	3000K	37,1W	A+	
4000 lm	32,0W	92	4000K	33,0W	A+	
4500 lm	42,6W	92	DMF	46,6W	A	
4500 lm	39,6W	92	2750K	43,8W	A+	DALI
4500 lm	39,6W	92	3000K	44,7W	A+	
4500 lm	33,2W	92	4000K	39,1W	A+	

MOUNTING



VARO FLOW IN

VARO FLOW BSC

OPTIONS



ADAPTORS

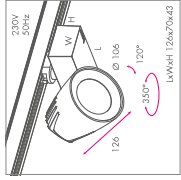
- I, K, E, F, G
- I, K, E, S



CALLISTO MINI



CALLISTO MINI LED

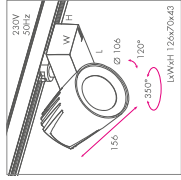


	Ø126	Ø135	Ø144			
IP68	IP68	IP68	IP68			
5Y	5Y	5Y	5Y			
CR	CR	CR	CR			
35-38	35-38	35-38	35-38			
17	17	17	17			
LED PWR	LED PWR	LED PWR	LED PWR			
CRI	CRI	CRI	CRI			
SYSTEM PWR	SYSTEM PWR	SYSTEM PWR	SYSTEM PWR			
EE	EE	EE	EE			
DIM.	DIM.	DIM.	DIM.			
1200 lm	6.8kW	MEAT	19.2kW	A	DIM	
1500 lm	8.5kW	50:50	20.9kW	A	DIM	
2000 lm	11.3kW	92	3000K	19.6kW	A+	DIM
	7.1kW	92	4000K	19.6kW	A+	
	7.1kW	92	4000K	19.6kW	A+	
2600 lm	5.6kW	92	CW	18.9kW	A	DIM
2100 lm	7.6kW	MEAT	30.3kW	A	DIM	
2100 lm	3.2kW	5:2:3	34.5kW	A	DIM	
2400 lm	19.6kW	92	2700K	23.1kW	A+	DIM
	20.9kW	92	3000K	23.3kW	A+	
	20.9kW	92	4000K	23.1kW	A+	
	23.7kW	92	3000K	27.3kW	A+	
	23.7kW	92	3000K	27.3kW	A+	
	24.8kW	92	3000K	27.3kW	A+	DIM
	24.8kW	92	4000K	28.6kW	A+	

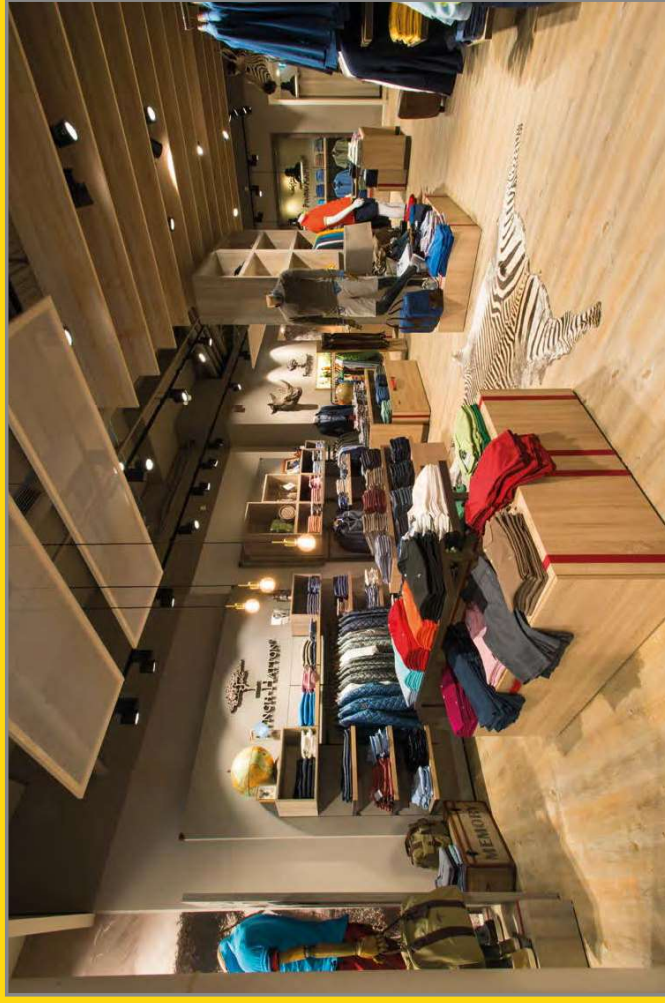
CALLISTO



CALLISTO LED



	Ø156	Ø165	Ø174			
IP68	IP68	IP68	IP68			
5Y	5Y	5Y	5Y			
CR	CR	CR	CR			
35-38	35-38	35-38	35-38			
17	17	17	17			
LED PWR	LED PWR	LED PWR	LED PWR			
CRI	CRI	CRI	CRI			
SYSTEM PWR	SYSTEM PWR	SYSTEM PWR	SYSTEM PWR			
EE	EE	EE	EE			
DIM.	DIM.	DIM.	DIM.			
1500 lm	6.8kW	MEAT	19.2kW	A	DIM	
1500 lm	8.5kW	50:50	20.9kW	A	DIM	
2000 lm	5.0kW	92	2700K	19.1kW	A+	DIM
	7.1kW	92	3000K	19.6kW	A+	
	7.1kW	92	4000K	19.6kW	A+	
2600 lm	5.6kW	92	CW	18.9kW	A	DIM
2100 lm	25.0kW	MEAT	30.3kW	A	DIM	
2100 lm	3.2kW	5:2:3	34.5kW	A	DIM	
2400 lm	19.6kW	92	2700K	23.1kW	A+	DIM
	20.9kW	92	3000K	23.1kW	A+	
	20.9kW	92	4000K	23.1kW	A+	
2800 lm	14.8kW	MEAT	42.3kW	A		
3000 lm	24.9kW	92	2700K	29.0kW	A+	DIM
	23.7kW	92	3000K	27.3kW	A+	
	24.8kW	92	4000K	28.6kW	A+	
3000 lm	29.1kW	92	CW	33.2kW	A	DIM
3000 lm	29.1kW	92	3000K	33.3kW	A+	DIM
	29.1kW	92	3000K	33.3kW	A+	
	24.8kW	92	4000K	28.6kW	A+	
4000 lm	34.0kW	92	2700K	37.7kW	A+	
	32.0kW	92	3000K	37.1kW	A+	
	32.0kW	92	3000K	37.1kW	A+	
4000 lm	42.0kW	92	CW	44.9kW	A	
4000 lm	35.6kW	92	2700K	41.9kW	A+	
	35.9kW	92	3000K	51.7kW	A+	
	35.9kW	92	4000K	51.1kW	A+	
5000 lm	45.3kW	92	2700K	51.0kW	A+	
	45.3kW	92	3000K	51.0kW	A+	
	39.4kW	92	4000K	45.8kW	A+	



Fynch Hattori / DE - Monchenglötzbach

MOUNTING



OPTIONS



ADAPTORS

• ltk 174

MOUNTING



OPTIONS



ADAPTORS

• ltk 174

MOUNTING



OPTIONS



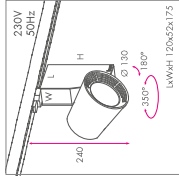
ADAPTORS

- X.A
- X.B
- X.E
- X.U
- X.V

SPY-ON



SPY-ON LED



LUMEN FLUX	LED PWR	CR	CCI	SYSTEM PWR	EE	DIM
1000 lm	6.8W	92	MEAT	19.2W	A	DALI
2000 lm	7.1W	92	3000K	19.6W	A+	DALI
2000 lm	7.1W	92	4000K	19.6W	A+	DALI
2000 lm	5.6W	92	CW	18.9W	A	DALI
2100 lm	12.6W	92	MEAT	30.8W	A	DALI
2100 lm	7.1W	92	3000K	23.3W	A+	DALI
2100 lm	7.1W	92	4000K	23.3W	A+	DALI
2800 lm	14.8W	92	CO.D	49.5W	A	DALI
2800 lm	17.8W	92	MEAT	42.3W	A	DALI
3000 lm	23.7W	92	3000K	27.3W	A+	DALI
3000 lm	24.8W	92	4000K	28.4W	A+	DALI
3000 lm	29.1W	92	CW	33.7W	A	DALI
3000 lm	28.3W	92	2700K	34.1W	A	DALI
3000 lm	29.1W	92	4000K	34.5W	A	DALI
3000 lm	24.1W	92	MEAT	32.9W	A	DALI
4000 lm	14.7W	92	2700K	32.7W	A+	DALI
4000 lm	19.6W	92	2700K	43.8W	A+	DALI
4000 lm	31.9W	92	4000K	39.1W	A+	DALI

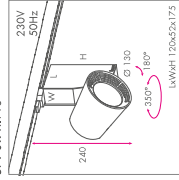
ACCESORIES / OPTIONS



SPY-ON



SPY-ON HI-C

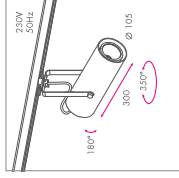


LAMP POWER	LUMEN FLUX	CR	CCI	SYSTEM PWR	EE	DIM
30W HI	4000 lm	90	3000K	47W	A+	DALI
30W HI	4000 lm	90	4000K	47W	A+	DALI
30W HI	4000 lm	90	3000K	42W	A+	DALI
50W HI	5000 lm	90	3000K	55W	A+	DALI
50W HI	5000 lm	90	4000K	55W	A+	DALI
50W HI	5700 lm	90	3000K	55W	A+	DALI
70W HI	7000 lm	90	3000K	80W	A+	DALI
70W HI	7000 lm	90	4000K	80W	A+	DALI
70W HI	8800 lm	90	3000K	80W	A+	DALI

TORBIO



TORBIO LED

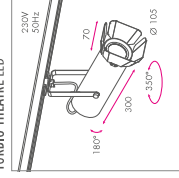


LUMEN FLUX	LED PWR	CR	CCI	SYSTEM PWR	EE	DIM
1000 lm	7.3W	92	3000K	9.5W	A+	DALI
1000 lm	7.3W	92	4000K	9.5W	A+	DALI
1000 lm	8.1W	92	CW	10.1W	A	DALI
1500 lm	11.5W	92	2700K	3.7W	A+	DALI
1500 lm	11.5W	92	4000K	3.8W	A+	DALI
1500 lm	16.8W	92	MEAT	9.9W	A	DALI
1500 lm	18.9W	92	CO.D	27.9W	A	DALI
2000 lm	16.8W	92	3000K	7.4W	A+	DALI
2000 lm	17.1W	92	4000K	7.4W	A+	DALI
2000 lm	16.6W	92	CW	5.9W	A	DALI
2100 lm	26.0W	92	MEAT	31.3W	A	DALI
2100 lm	30.2W	92	CO.D	34.3W	A	DALI
2400 lm	19.6W	92	2700K	24.1W	A	DALI
2400 lm	20.1W	92	4000K	24.1W	A	DALI
2400 lm	25.1W	92	MEAT	42.5W	A	DALI
2400 lm	32.8W	92	CO.D	49.5W	A	DALI
2800 lm	14.8W	92	3000K	29.5W	A+	DALI
2800 lm	23.7W	92	4000K	27.3W	A+	DALI
3000 lm	24.8W	92	3000K	28.4W	A+	DALI
3000 lm	29.1W	92	CW	33.7W	A	DALI
3000 lm	28.3W	92	2700K	33.1W	A	DALI
3000 lm	24.1W	92	4000K	32.9W	A	DALI
4000 lm	14.7W	92	2700K	43.8W	A+	DALI
4000 lm	31.9W	92	4000K	39.1W	A+	DALI

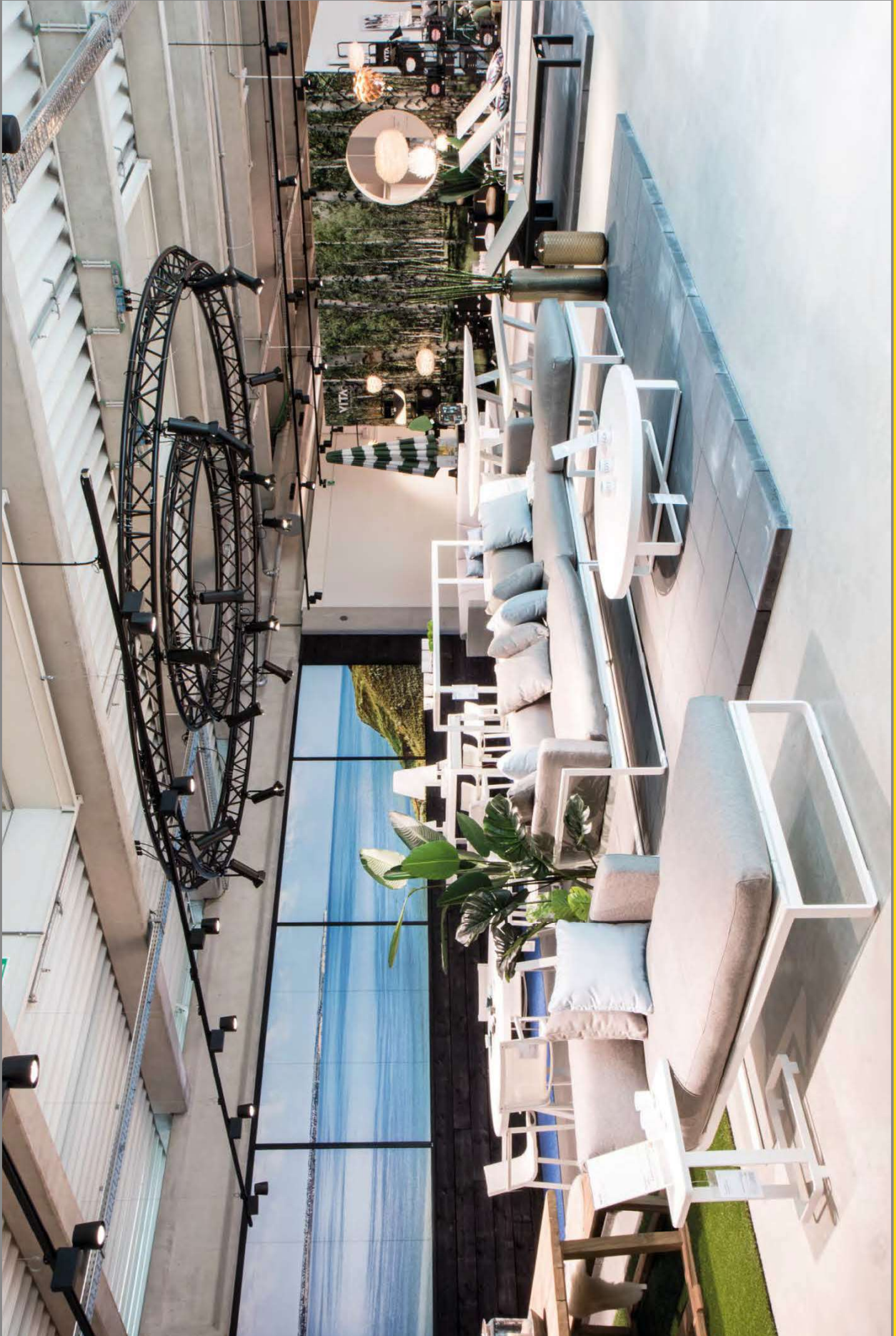
TORBIO



TORBIO THEATRE LED



LUMEN FLUX	LED PWR	CR	CCI	SYSTEM PWR	EE	DIM
1000 lm	8.1W	92	CW	10.1W	A	DALI
1000 lm	16.8W	92	MEAT	19.2W	A	DALI
1000 lm	18.9W	92	CO.D	40.4W	A	DALI
2000 lm	16.8W	92	2700K	9.1W	A+	DALI
2000 lm	17.1W	92	4000K	9.1W	A+	DALI
2000 lm	16.6W	92	CW	5.9W	A	DALI
2100 lm	26.0W	92	MEAT	31.3W	A	DALI
2100 lm	30.2W	92	CO.D	34.3W	A	DALI
2400 lm	19.6W	92	2700K	24.1W	A+	DALI
2400 lm	20.1W	92	4000K	24.1W	A+	DALI
2400 lm	25.1W	92	MEAT	42.5W	A	DALI
2400 lm	32.8W	92	CO.D	49.5W	A	DALI
2800 lm	14.8W	92	3000K	29.5W	A+	DALI
2800 lm	23.7W	92	4000K	27.3W	A+	DALI
3000 lm	24.8W	92	3000K	28.4W	A+	DALI
3000 lm	29.1W	92	CW	33.7W	A	DALI
3000 lm	28.3W	92	2700K	33.1W	A	DALI
3000 lm	24.1W	92	4000K	32.9W	A	DALI
4000 lm	14.7W	92	2700K	43.8W	A+	DALI
4000 lm	31.9W	92	4000K	39.1W	A+	DALI



Top Interieur / BE - Massenhoven / Mega Lichttechnik

ADAPTOR

- fix A
- fix B
- fix E
- fix U
- fix V

ADAPTOR

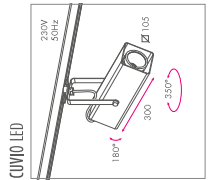
- fix A
- fix B
- fix E
- fix U
- fix V

ADAPTOR

- fix A
- fix B
- fix E
- fix U
- fix V

ADAPTOR

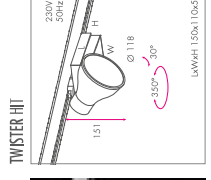
- fix A
- fix B
- fix E
- fix U
- fix V



LUM. FLUX	LED PWR	CEI	CCI	SYSTEM PWR	EEI	DIMA
1000 lm	7.3W	92	5750K	9.5W	A+	Dall
1000 lm	7.3W	92	4000K	9.5W	A+	Dall
1000 lm	8.1W	92	CW	10.1W	A	Dall
1000 lm	5.5W	92	2700K	13.7W	A+	Dall
1000 lm	5.5W	92	4000K	13.8W	A+	Dall
1000 lm	5.4W	92	6454	19.2W	A	Dall
1000 lm	14.9W	92	CTD	20.9W	A	Dall
2000 lm	14.9W	92	2700K	19.1W	A	Dall
2000 lm	17.1W	92	4000K	19.4W	A+	Dall
2000 lm	16.6W	92	CW	18.9W	A	Dall
2100 lm	26.0W	92	MEAT	30.3W	A	Dall
2100 lm	30.2W	92	OOD	34.3W	A	Dall
2000 lm	19.6W	92	2750K	24.1W	A	Dall
2000 lm	20.1W	92	4000K	24.3W	A	Dall
2000 lm	20.1W	92	6454	27.9W	A	Dall
2000 lm	32.8W	92	MEAT	42.9W	A	Dall
2000 lm	44.8W	92	OOD	49.9W	A	Dall
3000 lm	29.5W	92	2700K	35.9W	A+	Dall
3000 lm	29.7W	92	4000K	36.1W	A+	Dall
3000 lm	28.5W	92	CW	33.7W	A	Dall
3000 lm	28.5W	92	2700K	33.1W	A+	Dall
3000 lm	28.8W	92	4000K	33.9W	A+	Dall
4000 lm	49.6W	92	CW	47.0W	A	Dall
4000 lm	39.6W	92	2700K	43.8W	A+	Dall
4000 lm	39.9W	92	4000K	39.1W	A+	Dall

ADAPTOR

- fix A
- fix B
- fix E
- fix U
- fix V



LAMP POWER	LUM. FLUX	CEI	CCI	SYSTEM PWR	EEI
35W E1	5000 lm	90	5300K	42W	A+
35W E1	4300 lm	90	4000K	42W	A+
35W E1	5000 lm	90	3000K	42W	A+
50W E1	5000 lm	90	4000K	55W	A+
50W E1	5300 lm	90	4000K	55W	A+
50W E1	5700 lm	90	4000K	55W	A+
70W E1	7500 lm	90	3000K	75W	A+
70W E1	7500 lm	90	4000K	75W	A+
70W E1	8500 lm	90	3000K	75W	A+

ADAPTOR

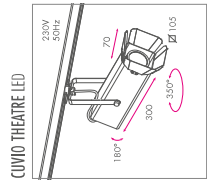
- fix A
- fix B
- fix E
- fix U
- fix V



LUM. FLUX	LED PWR	CEI	CCI	SYSTEM PWR	EEI	DIMA
1500 lm	16.8W	92	MEAT	19.2W	A	Dall
1500 lm	18.5W	92	OOD	20.9W	A	Dall
2000 lm	16.8W	92	2700K	9.1W	A+	Dall
2000 lm	17.1W	92	4000K	9.4W	A+	Dall
2000 lm	16.6W	92	CW	18.9W	A	Dall
2100 lm	26.0W	92	MEAT	30.3W	A	Dall
2100 lm	30.2W	92	OOD	34.3W	A	Dall
2000 lm	19.6W	92	2700K	24.0W	A+	Dall
2000 lm	20.1W	92	4000K	24.3W	A+	Dall
2000 lm	20.1W	92	6454	27.9W	A	Dall
2000 lm	32.8W	92	MEAT	42.9W	A	Dall
2000 lm	44.8W	92	OOD	49.9W	A	Dall
3000 lm	29.5W	92	2700K	35.9W	A+	Dall
3000 lm	29.7W	92	4000K	36.1W	A+	Dall
3000 lm	28.5W	92	CW	33.7W	A	Dall
3000 lm	28.5W	92	2700K	33.1W	A+	Dall
3000 lm	28.8W	92	4000K	33.9W	A+	Dall
4000 lm	49.6W	92	CW	47.0W	A	Dall
4000 lm	39.6W	92	2700K	43.8W	A+	Dall
4000 lm	39.9W	92	4000K	39.1W	A+	Dall

ADAPTOR

- fix A
- fix B
- fix E
- fix U
- fix V



LUM. FLUX	LED PWR	CEI	CCI	SYSTEM PWR	EEI	DIMA
1000 lm	8.1W	92	CW	10.1W	A	Dall
1000 lm	5.8W	92	MEAT	19.2W	A	Dall
1000 lm	5.5W	92	OOD	20.9W	A	Dall
2000 lm	5.8W	92	2700K	19.1W	A	Dall
2000 lm	7.1W	92	4000K	19.4W	A	Dall
2000 lm	14.6W	92	CW	18.9W	A	Dall
2100 lm	26.0W	92	MEAT	30.3W	A	Dall
2100 lm	30.2W	92	OOD	34.3W	A	Dall
2000 lm	19.6W	92	2700K	24.0W	A+	Dall
2000 lm	20.1W	92	4000K	24.3W	A+	Dall
2000 lm	20.1W	92	6454	27.9W	A	Dall
2000 lm	32.8W	92	MEAT	42.9W	A	Dall
2000 lm	44.8W	92	OOD	49.9W	A	Dall
3000 lm	29.5W	92	2700K	35.9W	A+	Dall
3000 lm	29.7W	92	4000K	36.1W	A+	Dall
3000 lm	28.5W	92	CW	33.7W	A	Dall
3000 lm	28.5W	92	2700K	33.1W	A+	Dall
3000 lm	28.8W	92	4000K	33.9W	A+	Dall
4000 lm	49.6W	92	CW	47.0W	A	Dall
4000 lm	39.6W	92	2700K	43.8W	A+	Dall
4000 lm	39.9W	92	4000K	39.1W	A+	Dall

ADAPTOR

- fix A
- fix B
- fix E
- fix U
- fix V

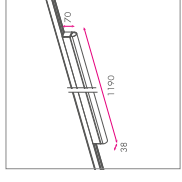


Color/ BE - Kalmhout

TALGO



TALGO 2x LED



Mounting



TALGO CLIP

Options



Adaptors

- X TAG

Mounting



TALGO CLIP

Options



TALGO CLIP

Adaptors



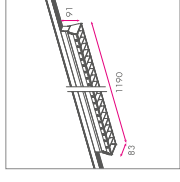
- X TAG

UMW. FLUX	LED PWR	CH	CC1	SYSTEM PWR	LED	DMX
2x 1250 lm	33 W	80	3500K	15,6 W	A++	DMX
2x 2200 lm	24,8 W	80	3000K	28,6 W	A++	DMX
2x 3000 lm	34,8 W	80	3000K	39,2 W	A++	DMX
	34,8 W	80	4000K	39,2 W	A++	

TALGO BAP



TALGO BAP 2x LED



Mounting



TALGO CLIP

Options



Adaptors

- X TAG

Mounting



TALGO CLIP

Options



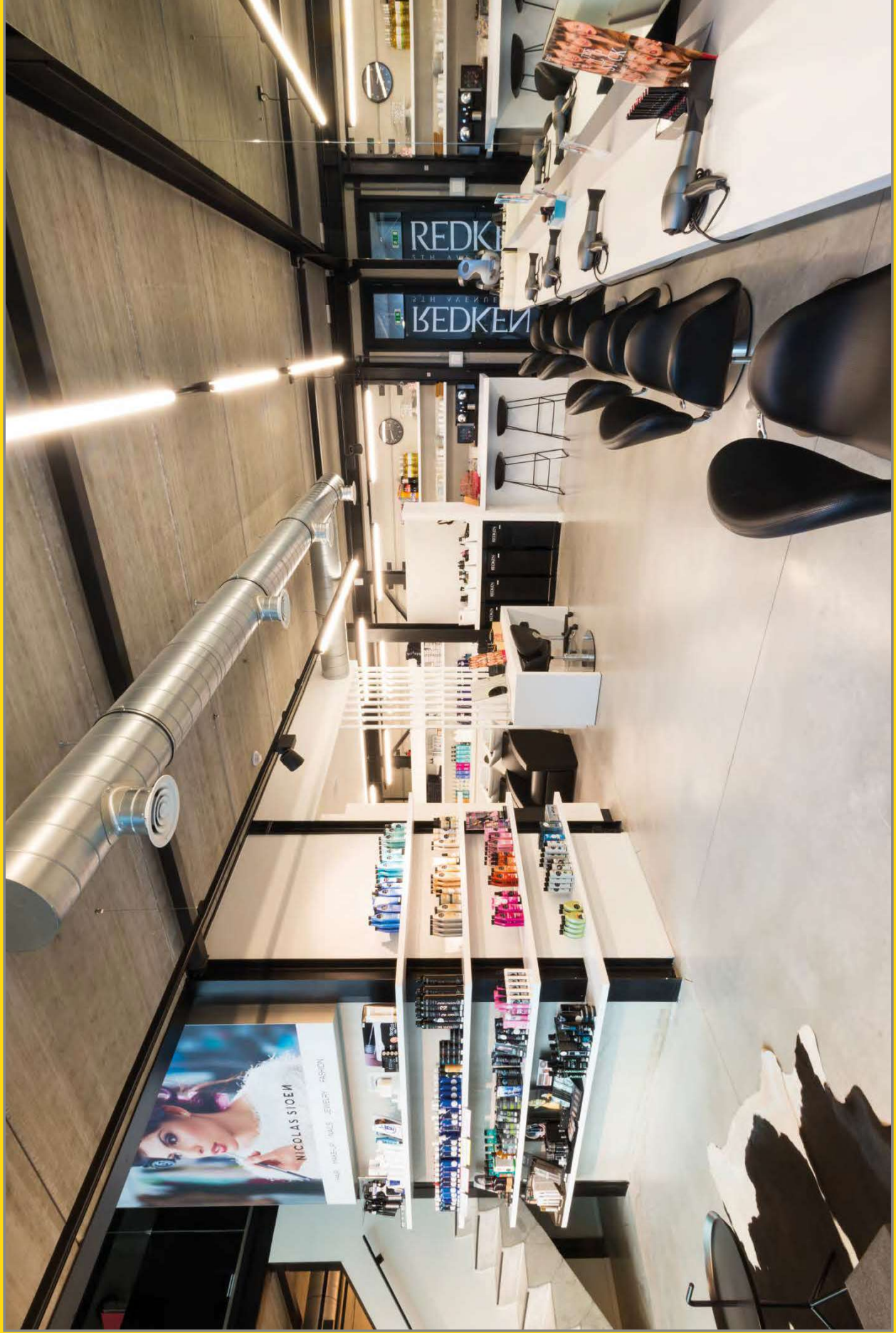
TALGO CLIP

Adaptors



- X TAG

UMW. FLUX	LED PWR	CH	CC1	SYSTEM PWR	LED	DMX
2x 1250 lm	33 W	80	3500K	15,6 W	A++	DMX
2x 2200 lm	24,8 W	80	3000K	28,6 W	A++	DMX
2x 3000 lm	34,8 W	80	3000K	39,2 W	A++	DMX
	34,8 W	80	4000K	39,2 W	A++	



Kapadon Sioen/ BE - Røkken / 90°

3-PHASE TRACK

3-PHASE TRACK STANDARD



3-PHASE TRACK DALI

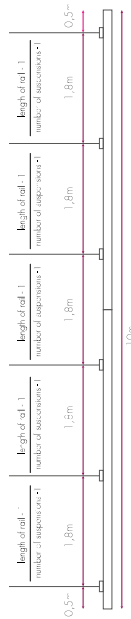


NUMBER OF SUSPENSIONS

$$= (\text{total length of rail} - 1) / 2 + 1 \text{ Rounded up}$$

- Always a minimum of 2 suspensions
- Outer suspension on 0,5 m from ends

$$\begin{aligned} \text{Example: length of rail: } & 4 \text{ m} + 4 \text{ m} + 2 \text{ m} = 10 \text{ m} \\ > \text{Number of suspensions} & = (10 \text{ m} - 1 \text{ m}) / 2 + 1 \\ & = 5,5 \\ & = 6 \text{ suspensions (rounded up)} \end{aligned}$$



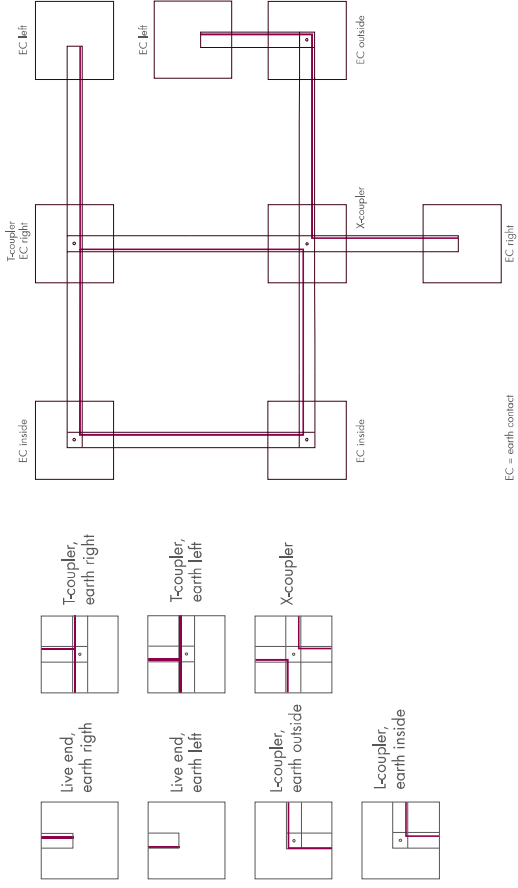
MAXIMUM LOAD

On average 10 kg/m

Calculation on request when higher weight is needed.

PLANNING AID

Track layout seen from above. The opening of the track shows downwards.



EC = earth contact

EXAMPLE

