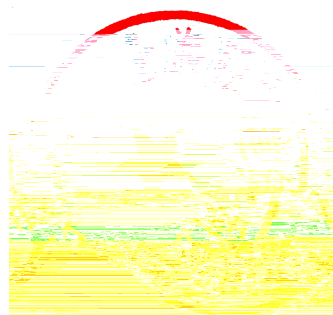
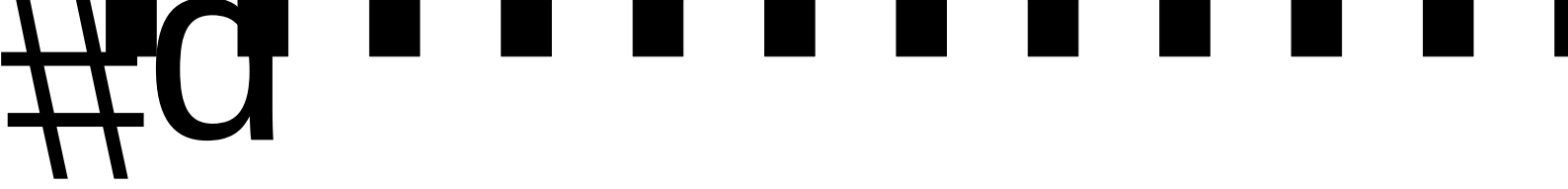


2023007





1.

1.1.

1.1.1.

()

1

FDLHEH	0.6/1kV	1C~5C	25	240mm ²
FDLHEH	1.8/3kV	1C	70	630mm ²
		1C		0.75~400mm ²
FDEH(FDEH-X),	450/750V, 0.6/1kV	2C, 5C		0.75~95mm ²
FDEHP(FDEHP-X)		3C, 4C		0.75~300mm ²
		6C~36C		0.75~4mm ²
FDEH(FDEH-X)	1.8/3kV			

Ⅱ Ⅲ

1.2.

1.2.1.

: / - - -

1.2.2.

● 1% 0.1%

5%

●

●

●

.

1.2.3.

1.2.4.

.

	kg CO2 eq.	CO ₂ , CH ₄ , N ₂ O...
	MJ	, , ...
	kg Sb eq.	, , ...
	kg	, , ...
	kg SO2 eq.	SO ₂ , NO _x , NH ₃ ...
	kg PO4 ³⁻ eq.	NH ₃ NH ₄ -N COD...
	kg PM2.5 eq.	CO, PM ₁₀ , PM _{2.5} ...
	kg CFC-11 eq.	CCl ₄ , C ₂ H ₃ Cl ₃ , CH ₃ Br...
	kg NMVOC eq.	C ₂ H ₆ , C ₂ H ₄ ...
eq	equivalent	CO ₂

CO₂

Product Carbon Footprint, PCF

kg CO₂ eq.

1.2.5.

LCA

CLCD

CLCD

LCA

1.2.6.

eFootprint

c

LCA

eFootprint

LCA

CLCD

ELCD

Ecov

co

v

			99.95%)	
	[]	(1.6 625)	hly1271763581@163.com 1.0	
	[]	()	yxt@ike-global.com 1.0	
	[]	(0.07-0.1mm)	09203614@cumt.edu.cn 1.0	
	[]	()	CLCD-China-ECER 0.8	
	[]	()	lcacontest-so20p@ike-global.com 1.0	
	[]	()	caixr7@mail2.sysu.edu.cn 1.0	
		6		
	[]	LCA ()	jingjingliu25@163.com 1.0	

2.

2.1. []

1

[]

2

2022

/

1500km

	1	km	--	--
/	1,980	kg	CLCD-China 0.9	
/	8	m2	hly1271763581 @163.com 1.0	
/	352	kg	yxt@ike-globa l.com 1.0	
/	590	kg	09203614@cumt .edu.cn 1.0	
	836	kWh	CLCD-China-EC ER 0.8	
	2.65	kg	lcacontest-s- o20p@ike-glob al.com 1.0	
	0.41	kg		
	1.58	m	caixr7@mail2. sysu.edu.cn 1.0	
	0.07	kg	jingjingliu25 @163.com 1.0	
3				
4				

3.2.

. LC .

8t -		Γ						%	%	03%	
			0%	0%	0%	-1.37E-06%	0%	0%	0%	0%	0%
		Γ									
			0%	0%	0%	0%	0%	0%	0%	0%	
		Γ									

4.

4.1.

	.
[]	

4.2.

	.
	0

$$\begin{array}{ccccccc} * & & = & & * & / & \\ * & & & & = & & + \end{array}$$

4.3.

CLCD eF

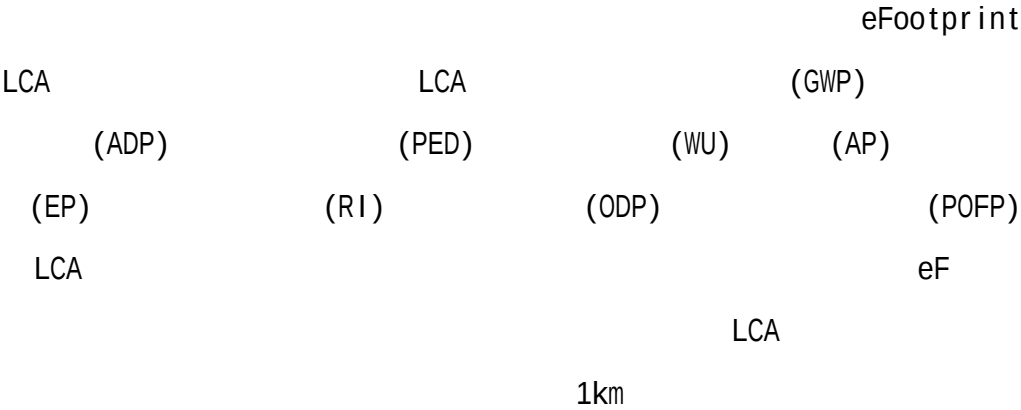
. LCA

GWP(kg CO2 eq)	4.185E+004	5.35 %	[3.96E+04,4.41E+04]
PED(MJ)	7.269E+005	4.54 %	[6.94E+05,7.60E+05]
ADP(kg antimony eq.)	1.011E+001	20.47 %	[8.04,12.18]
WU(kg)	1.588E+008	5.07 %	[1.51E+08,1.67E+08]
AP(kg SO2 eq)	1.778E+002	3.11 %	[172.27,183.33]
EP(kg PO43-eq)	2.981E+001	3.56 %	[28.75,30.87]
RI(kg PM2.5 eq)	5.500E+001	3.14 %	[53.27,56.73]
ODP(kg CFC-11 eq)	3.475E-004	10.92 %	[3.10E-04,3.85E-04]

	POFP(kg NMVOC eq)	2.658E+001	6.72 %	[24.79,28.37]
--	----------------------	------------	--------	---------------

4.4.

1km ()



4.19E+04 kg CO₂eq.