



Cheflite
For range hood

Texture and color of food are clearly visible

Pot illumination level 1000lux



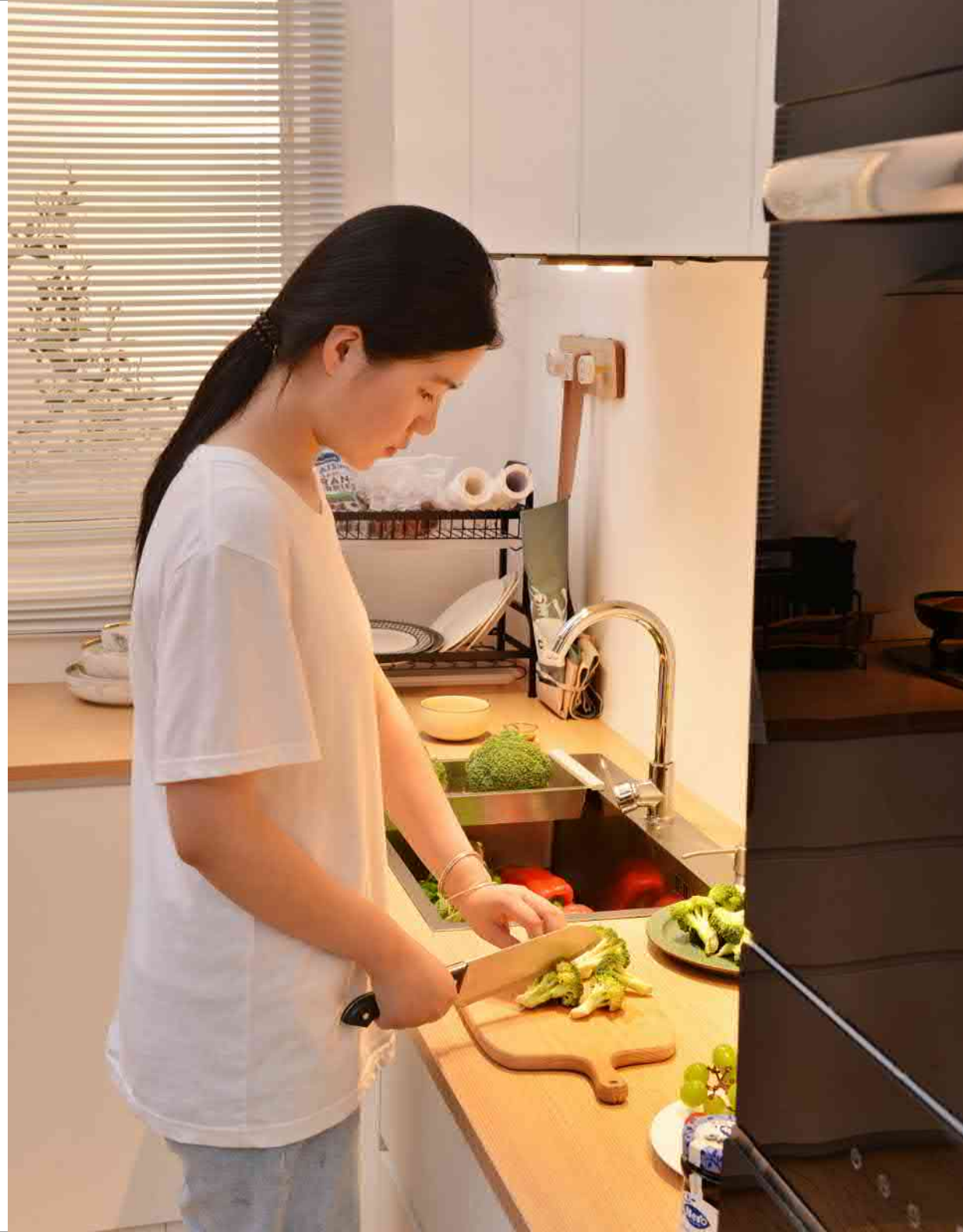


Gave Kitchen open spatial impression

Illuminated wall against cooktop visually expand the dimensions

Avoid cutting hands on bright cooktop

Illumination 1000lux Uniformity 60%





Bright and comfortable

UGR<12

The highest color quality at the highest efficacy

CRI93 R9 80 Rf 91 Rg 101 110lm/w

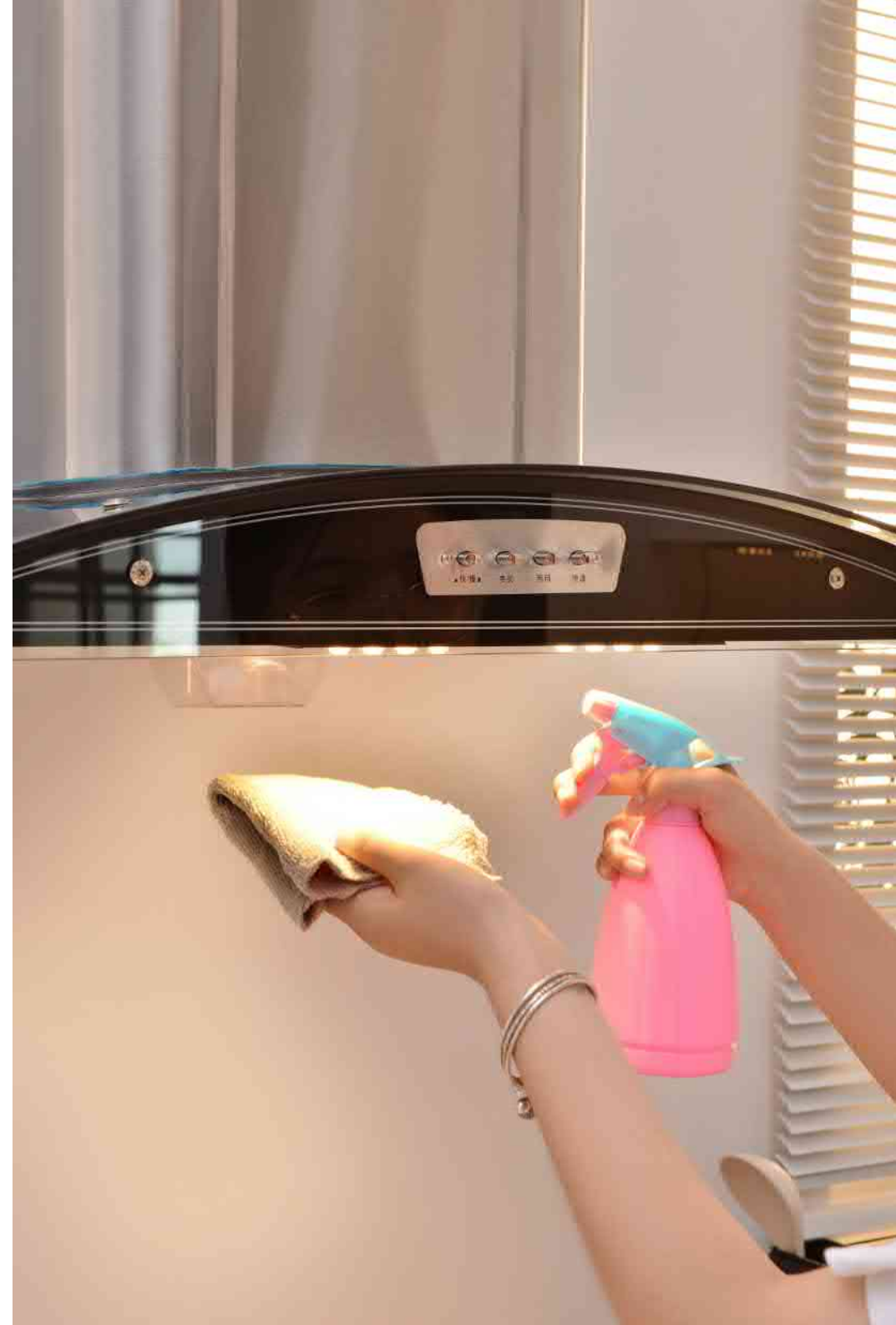


Touch-less dimming



Can be directly scrubbed

IP53,DC24V



5 years warranty

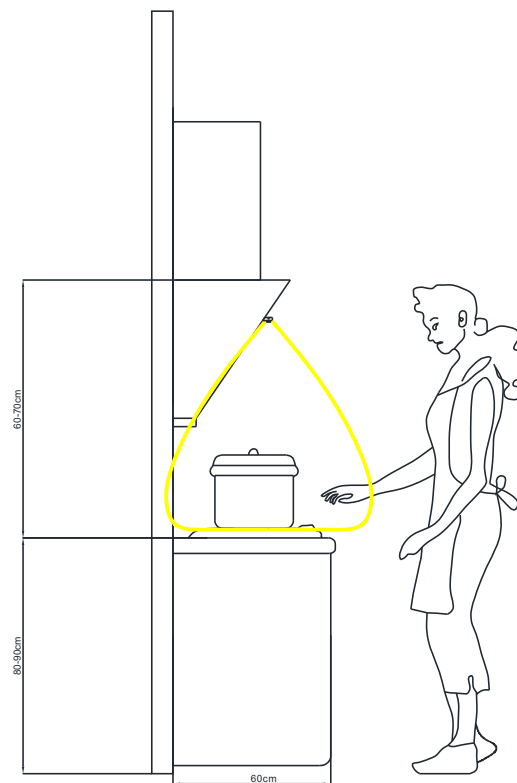
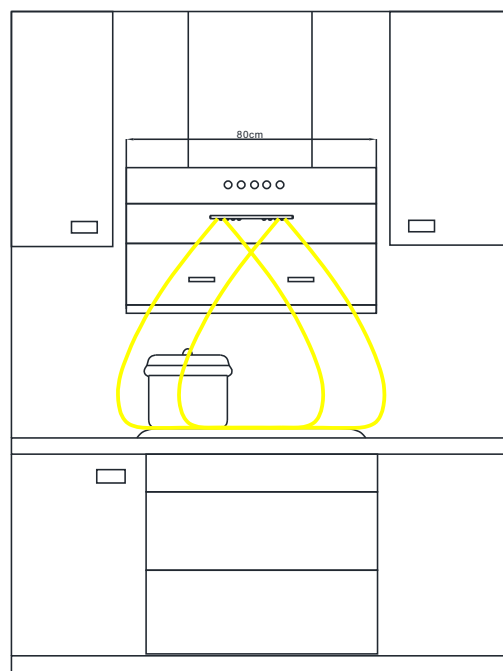
8 pcs precise optic
64 pcs big-sized chip
High quality PCB with 2 ounce copper layer and $2.0W/(m \cdot K)$
3M VHB 4950 tape
DYMAX coating
Mitsubishi PC
WAGO connector
Aluminum frame



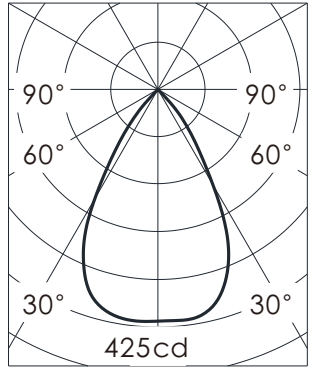




Conditions of Use



Lighting distribution



View angle : 60°

Height(m)	Illumination (lx)	Diameter (m)
1	279.7	1.13
2	70.1	2.27
3	31	3.40
4	17.5	4.54
5	11.2	5.67

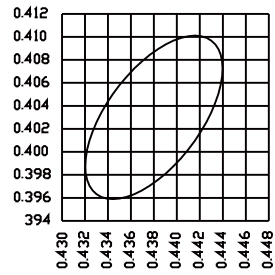
Direct luminous flux: 384lm

Bin standard

ANSI C78.377

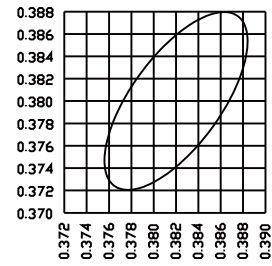
BIN:30A

Centred x	y	Nominal CCT (K)	CCT Range(s)	MacAdam ellipse
0.4338	0.403	3000	2865-2940	3SDCM



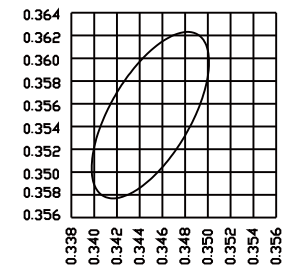
BIN:40A

Centred x	y	Nominal CCT (K)	CCT Range(s)	MacAdam ellipse
0.3818	0.3797	4000	3900-4175	3SDCM

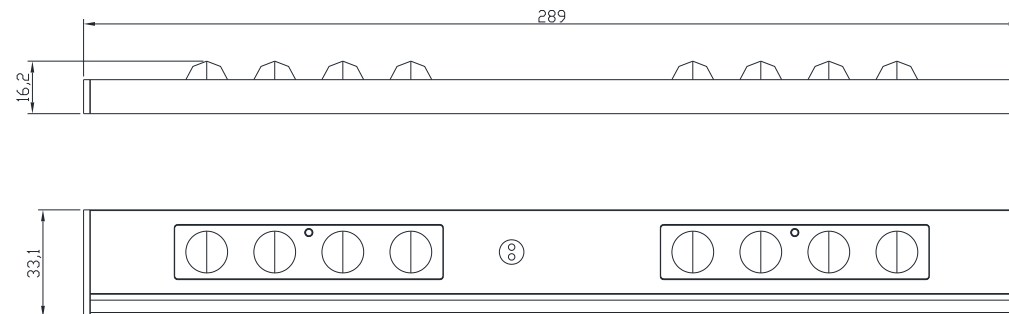


BIN:50A

Centred x	y	Nominal CCT (K)	CCT Range(s)	MacAdam ellipse
0.3447	0.3553	5000	4815-5175	3SDCM



Dimension



Electrical Characteristics

Voltage Range(V)	22~26
Power /pc (W)	3
Driver	Out
Dimable	Touchless
Flicker	High frequency

Optical Characteristics

Light distribution	Direct
Luminous lux (lm)	384
lighting source(lm/w)	128
Color quality	3000K: CRI93 Ra95 R9 68 Rf 90 Rg 101
	4000K: CRI94 Ra96 R9 80 Rf 92 Rg 101
	5000K: CRI93 Ra95 R9 68 Rf 90 Rg 101
View angle	60°
MacAdam Step	3SDCM
UGR	12
Color temperature	2700K/3000K

Physical Characteristics

Color	White/Black
Composition	Optic Aluminum LED
Case	Aluminum
Dimension (mm)	289×33.1×16.2
Net weight(kg)	0.135

Dependability

Warranty	5 years
Lifespan > 50.000h(Tc=85°C)	L80B50-50.000h(Tc=85°C)
IP	53
Certificate	CE RoHS
Luminare Class	III
IK	Ik03
Temperature	-20 ~ +40°C

Standards&Certificates

Integrating Sphere Test	IES LM79 (lumen,CCT,CRI,XY,SDCM,wave length)
Photometric Distribution Test	IES LM79
Aging Test	IES LM84&IES TM28
Ambient Temperature Test	UL1598&UL2388&IEC60598-1&IEC60598-2-21
High temperature High Humidity Test	UL1598&UL2388&IEC60598-1&IEC60598-2-21
Bending Test	500 cycles
Vibration Test	UL2388>750cycles
Tensile Test	Defined by Manufacturer
Drop Test	UL1598&UL2388&IEC60598-1&IEC60598-2-21
IK Test	IEC62262
Fire-Rating Test	UI94
UV Test	ASTMG154,ISO4892-3,UVA@340nm IEC60529
Salt Spray Test	IEC68-2-11
Thermal Shock Test	Non-lighting -40°C-55°C (25mins) with 5mins , 100 cycles
High temperature test	55°C

Packaging



	Qty	Dimension (mm)	Net weight(kg)	Gross Weight(kg)
inside box	1	300*40*22	0.135	0.156
Carton	119	400*300*320	16.1	19.5