



USA LEDs

www.usaledswholesale.com

P/N: USA-CLD01-35WXYC1-ab

Note:

USA = Company name

CLD01 = Product series, LED Down Light

35W = Rating Power

X = can be any letter and/or digit for manufacturer of LED;

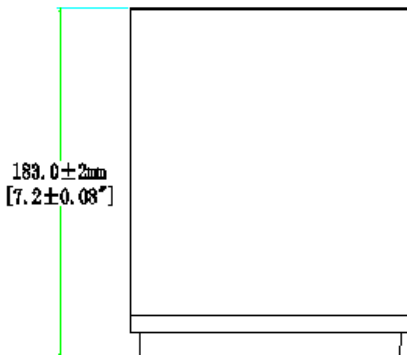
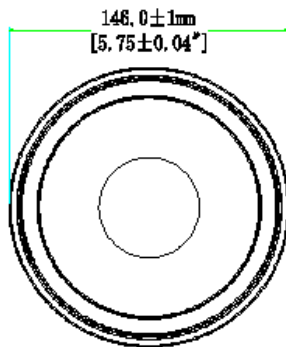
Y= can be "S6" for surface mounted;

C1 = Version number

"a" can be any two letters for lamp colors;

"b" can be any digits for CCT;

DIMENSIONS



ADVANTAGE

- UL cUL ES certificate.
- Input voltage 120-347VAC.
- Output constant current lever can be adjusted through output cable with 0-10V.
- The lens Angle is adjustable.
- No UV or IR in the beam.
- Easy to install and operate.
- Energy saving, long lifespan.
- Light is soft and uniform, safe to eyes.
- Instant start, NO flickering, NO humming.
- Green and eco-friendly without mercury.

APPLICATION

- Warehouse, factory and workshops;
- Highway toll station and gas station;
- Exhibition hall;
- Gymnasium and supermarkets, etc.

SPECIFICATIONS

OPTICAL	Input Power (Tolerance : $\pm 10\%$)	35W (Wattage adjustable 35W/28W/21W)			
	Color Temperature	3000K	4000K	5000K	6000K
	Lumen (Tolerance : $\pm 10\%$) (For60D)	3377.5LM	3570LM	3762.5 LM	3570 LM
	Efficacy (Tolerance : $\pm 3\%$) (For60D)	96.5 LM/W	102LM/W	107.5LM/W	102 LM/W
	CRI	>80			
	Color Consistency	<7 Steps (or <7 SDCM)			
	UGR	<28 (X=4H, Y=8H; S/H=1; Reflectances: 70%/50%/20%)			
	Diffuser Type	PC Lens			
	Beam Angle (50%) (Tolerance : $\pm 15\%$)	60 Degree			
ELECTRICAL	Input Voltage and Frequency	120-347VAC, 50/60Hz			
	PF (Tolerance : -3%)	≥ 0.9			
	THD (Tolerance : +5%)	$\leq 20\%$			
	Flicker Percent	<30%			
	Driver Brand	WeledPower			
	Driver Model	WP-HHA-040B			
	Driver Surge protection	L/N-PE: 4kV, L-N: 2kV			
	Dimming	0-10V dimming standard			
	Sensor Type	Na			
	Optional Accessory	Hoisting fittings			
MATERIALS	LED Brand	HONGLI			
	LED Type	COB			
	LED QTY	1 PCS			
	Housing	Aluminum			
	Housing Color	Black, White, or Customized			
	Waterproof Rating	WET (IP40)			
OTHERS	Operating Temperature	Without Motion Sensor and Emergency Power Supply: -40°C TO 45°C			
		With Motion Sensor: -35°C TO 45°C			
		With Emergency Power Supply: 0°C TO 50°C			
	Storage Temperature	-40°C TO 80°C			
	Operating Humidity	20% - 90% RH			
	Storage Humidity	10% - 95% RH			
Warranty	5 years				

PACKAGE

Luminaire Type	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
	Outer box: 330*330*210mm [12.99*12.99*8.27 inch]	4PCS	6.8KG[14.98 LBS]	7.5KG[16.53 LBS]
	Inner box: 190*155*155mm [7.48*6.1*6.1 inch]	1PCS	1.6KG[3.53 LBS]	1.7KG[3.75 LBS]

Tolerance of Carton Size: ± 15 mm [± 0.59 inch], Tolerance of Weight: $\pm 10\%$.

LIGHT DISTRIBUTION TESTING PARAMETERS

Luminaire Property

Luminaire Manufacturer:
Voltage: 120.8 V
Power: 35.06 W

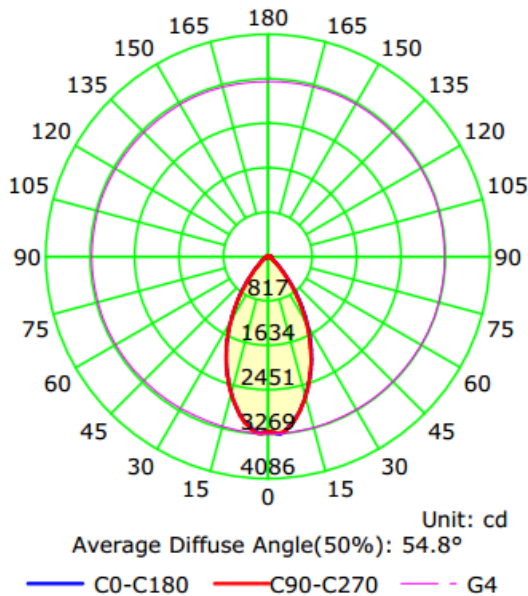
Current: 0.293 A
Power Factor: 0.991

Photometric Results

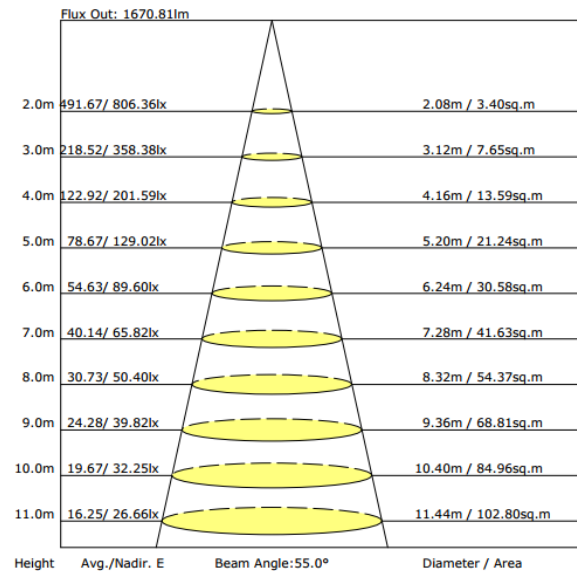
CIE Class: Direct
Measurement Flux: 3017 lm
Downward Ratio: 99%
Horizontal Diffuse Angle(10%,50%): H92.6,H55.1
Vertical Diffuse Angle(10%,50%): V91.4,V54.7
Luminaire Efficacy Rating (LER): 86.10
Max. Intensity: 3269.3 cd
S/MH(C0/C180): 0.83

Total Rated Lamp Lumens: 3017.0 lm
Efficiency: 100%
Upward Ratio: 1%
Central Intensity: 3225.42 cd
Pos of Max. Intensity: H0 V4
S/MH(C90/C270): 0.83

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure



NOTICE FOR USER

- Please turn off power before install or change assembly parts.
- The input voltage and luminaire should be matched, after connecting the power line, Please make sure the wiring section is insulated.
- No-professionals, must not install and disassemble the luminaire.

TROUBLE SHOOTINGS

Troubles	Check points
Flickering of the light	Turn off the power and turn on again in 3 minutes. If same phenomena occur, then call agencies.
Out of working	Please check the connection.