UNIVERSELITE CO., LTD.

LEDCOBLD20W003A

UNIVERSELITE

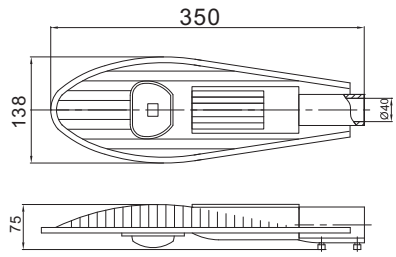
Features:

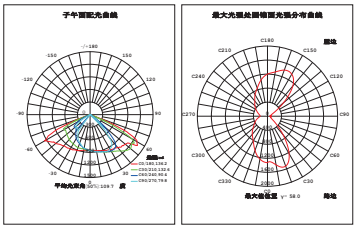
- Die-casting aluminum body with elegant appearance。
- UV-cut coating surface, anticorrosive and moth-proofing
- Used high borosilicate glass lens to ensure long lifespan。
- UVL driver and COB chip to ensure super long lifespan and system stability.
- Shell protection: IP65

Applications

- For road,square and dock lighting,etc.
- LED 20W street light could replace 50W Electronic energy-saving lamp。

Item description		Parameter
Dimensions	[mm]	350*138*75 (L*W*H)
Input voltage	[VAC]	100-277VAC
Input frequency	[HZ]	50/60
Inqut current	[A]	0.14(220V)
Input watt	[W]	20±5%
Power factor		>0.9
Voltage	[V]	30
Current(reference)	[A]	0.6
Wattage(reference)	[W]	18±5%
Power efficiency		≥88%
Luminous flux	[Lm]	2000
Colour temperature	[K]	3000-6500
Colour rendering index	[Ra]	≥70
Lumen maintenance(2000h)	[%]	≥98
Average life	[h]	50000
Net weight	[Kg]	3.3/(set)
Gross weight	[Kg]	3.8/(set)
Quantity	[set]	2
Work environmental temperature	[℃]	-40℃ - 50℃
Beam Angle	[H,V]	80*140°
Dimension of master carton	[cm]	44.5*19*20(2pcs)





CE

PROJECTEDLUMENMAINTENANCE

Ambient Temp.	OPERATING HOURS 0	25,000	50,000	100,000
25°C/77°F	1.00	0.98	0.97	0.95
40°C/104°F	0.99	0.95	0.90	0.85

Data references the extrapoiated performance projections for the LEDMZ3LD base model in a 40°Cambientand10,000hours testing.

LUMINAIRE AMBIENT TEMPERATURE FACTOR(LATF)

AMBIENT TEMPERATURE		LUMEN MULTIPLIER
0°C	32°F	1.02
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	1.00
40°C	104°F	0.99
50°C	122°F	0.98

Usethese factors to determine relative lumen output for average ambient temperatures from 0-50°C(32-122°F)

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UNIVERSELITE CO., LTD.

LEDCOBLD30W003A

UNIVERSELITE

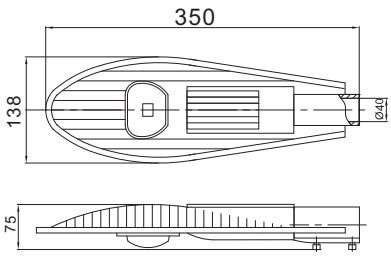
Features:

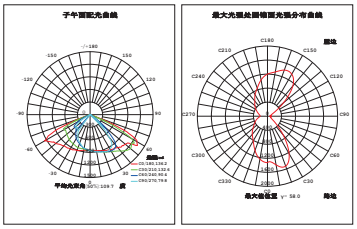
- Die-casting aluminum body with elegant appearance。
- UV-cut coating surface, anticorrosive and moth-proofing
- Used high borosilicate glass lens to ensure long lifespan。
- UVL driver and COB chip to ensure super long lifespan and system stability.
- Shell protection: IP65

Applications

- For road,square and dock lighting,etc.
- LED 30W street light could replace 50W-70W Electronic energy-saving lamp。

Item description		Parameter
Dimensions	[mm]	350*138*75 (L*W*H)
Input voltage	[VAC]	100-277VAC
Input frequency	[HZ]	50/60
Inqut current	[A]	0.14(220V)
Input watt	[W]	30±5%
Power factor		>0.9
Voltage	[V]	30
Current(reference)	[A]	1.0
Wattage(reference)	[W]	26±5%
Power efficiency		≥88%
Luminous flux	[Lm]	3000
Colour temperature	[K]	3000-6500
Colour rendering index	[Ra]	≥70
Lumen maintenance(2000h)	[%]	≥98
Average life	[h]	50000
Net weight	[Kg]	3.3/(set)
Gross weight	[Kg]	3.8/(set)
Quantity	[set]	2
Work environmental temperature	[℃]	-40℃ - 50℃
Beam Angle	[H,V]	80*140°
Dimension of master carton	[cm]	44.5*19*20(2pcs)





CE

PROJECTEDLUMENMAINTENANCE

Ambient Temp.	OPERATING HOURS 0	25,000	50,000	100,000
25°C/77°F	1.00	0.98	0.97	0.95
40°C/104°F	0.99	0.95	0.90	0.85

Data references the extrapoiated performance projections for the LEDMZ3LD base model in a 40°Cambientand10,000hours testing.

LUMINAIRE AMBIENT TEMPERATURE FACTOR(LATF)

AMBIENT TEMPERATURE		LUMEN MULTIPLIER
0°C	32°F	1.02
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	1.00
40°C	104°F	0.99
50°C	122°F	0.98

Usethese factors to determine relative lumen output for average ambient temperatures from 0-50°C(32-122°F)

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UNIVERSELITE CO., LTD.

LEDCOBLD50W003A

UNIVERSELITE

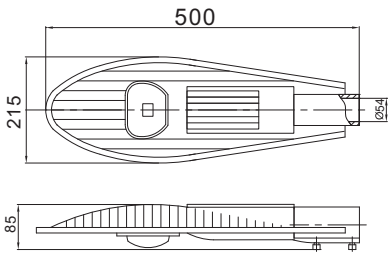
Features:

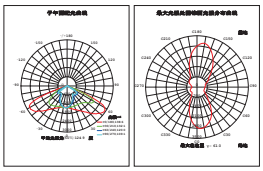
- Die-casting aluminum body with elegant appearance。
- UV-cut coating surface, anticorrosive and moth-proofing
- Used high borosilicate glass lens to ensure long lifespan。
- UVL driver and COB chip to ensure super long lifespan and system stability.
- Shell protection: IP65

Applications

- For road,square and dock lighting,etc.
- LED 50W street light could replace 70W/100W HPS and MH lamp。

Item description		Parameter
Dimensions	[mm]	500*215*85 (L*W*H)
Input voltage	[VAC]	100-277VAC
Input frequency	[HZ]	50/60
Inqut current	[A]	0.25(220V)
Input watt	[W]	50±5%
Power factor		>0.9
Voltage	[V]	30
Current(reference)	[A]	1.5
Wattage(reference)	[W]	45 ±5%
Power efficiency		≥88%
Luminous flux	[Lm]	5000
Colour temperature	[K]	3000-6500
Colour rendering index	[Ra]	≥70
Lumen maintenance(2000h)	[%]	≥ 98
Average life	[h]	50000
Net weight	[Kg]	2.5/(set)
Gross weight	[Kg]	3.35/(set)
Quantity	[set]	1
Work environmental temperature	[℃]	-40℃ - 50℃
Beam Angle	[H,V]	80*140°
Dimension of master carton	[cm]	55*31*15.5





CE

PROJECTEDLUMENMAINTENANCE

	OPERATING HOURS			
Ambient Temp.	0	25,000	50,000	100,000
25℃/77℉	1.00	0.98	0.97	0.95
40℃/104℉	0.99	0.95	0.90	0.85

Data references the extrapoiated performance projections for the LEDMZ3LD base model in a 40℃Cambientand10,000hours testing.

LUMINAIRE AMBIENT TEMPERATURE FACTOR(LATF)

AMBIENT TEMPERATURE		LUMEN MULTIPLIER
0℃	32℉	1.02
10℃	50℉	1.01
20℃	68℉	1.00
25℃	77℉	1.00
30℃	86℉	1.00
40℃	104℉	0.99
50℃	122℉	0.98

Usethese factors to determine relative lumen output for average ambient temperatures from 0-50℃(32-122℉)

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UNIVERSELITE CO., LTD.

LEDCOBLD80W003A

UNIVERSELITE

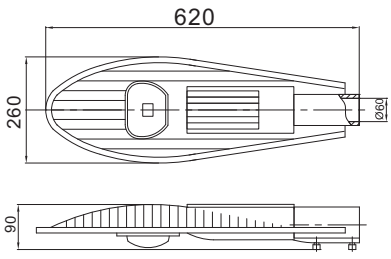
Features:

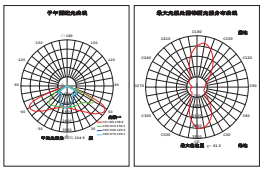
- Die-casting aluminum body with elegant appearance。
- UV-cut coating surface, anticorrosive and moth-proofing
- Used high borosilicate glass lens to ensure long lifespan。
- UVL driver and COB chip to ensure super long lifespan and system stability.
- Shell protection: IP65

Applications

- For road,square and dock lighting,etc.
- LED 80W street light could replace 150W HPS and MH lamp。

Item description		Parameter
Dimensions	[mm]	620*260*90 (L*W*H)
Input voltage	[VAC]	100-277VAC
Input frequency	[HZ]	50/60
Inqut current	[A]	0.39(220V)
Input watt	[W]	80±5%
Power factor		>0.9
Voltage	[V]	30
Current(reference)	[A]	2.4
Wattage(reference)	[W]	72 ±5%
Power efficiency		≥90%
Luminous flux	[Lm]	7200
Colour temperature	[K]	3000-6500
Colour rendering index	[Ra]	≥70
Lumen maintenance(2000h)	[%]	≥ 98
Average life	[h]	50000
Net weight	[Kg]	3.6/(set)
Gross weight	[Kg]	4.2/(set)
Quantity	[set]	1
Work environmental temperature	[℃]	-40℃ - 50℃
Beam Angle	[H,V]	80*140°
Dimension of master carton	[cm]	67*29.5*14





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PROJECTEDLUMENMAINTENANCE

	OPERATING HOURS			
Ambient Temp.	0	25,000	50,000	100,000
25℃/77℉	1.00	0.98	0.97	0.95
40℃/104℉	0.99	0.95	0.90	0.85

Data references the extrapoiated performance projections for the LEDMZ3LD base model in a 40℃Cambientand10,000hours testing.

LUMINAIRE AMBIENT TEMPERATURE FACTOR(LATF)

AMBIENT TEMPERATURE		LUMEN MULTIPLIER
0℃	32℉	1.02
10℃	50℉	1.01
20℃	68℉	1.00
25℃	77℉	1.00
30℃	86℉	1.00
40℃	104℉	0.99
50℃	122℉	0.98

Usethese factors to determine relative lumen output for average ambient temperatures from 0-50℃(32-122℉)

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UNIVERSELITE CO., LTD.

LEDCOBLD100W003A

UNIVERSELITE

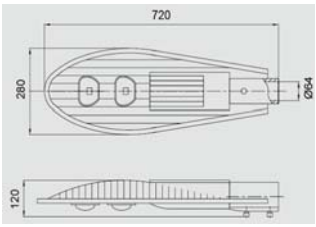
Features:

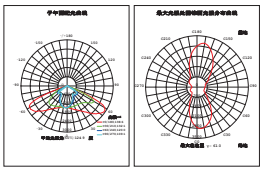
- Die-casting aluminum body with elegant appearance。
- UV-cut coating surface, anticorrosive and moth-proofing
- Used high borosilicate glass lens to ensure long lifespan。
- UVL driver and COB chip to ensure super long lifespan and system stability.
- Shell protection: IP65

Applications

- For road,square and dock lighting,etc.
- LED 100W street light could replace 150W/250W HPS and MH lamp。

Item description		Parameter
Dimensions	[mm]	720*280*120(L*W*H)
Input voltage	[VAC]	100-277VAC
Input frequency	[HZ]	50/60
Inqut current	[A]	0.48(220V)
Input watt	[W]	100±5%
Power factor		>0.9
Voltage	[V]	30
Current(reference)	[A]	3.0
Wattage(reference)	[W]	90 ±5%
Power efficiency		≥90%
Luminous flux	[Lm]	10000
Colour temperature	[K]	3000-6500
Colour rendering index	[Ra]	≥70
Lumen maintenance(2000h)	[%]	≥ 98
Average life	[h]	50000
Net weight	[Kg]	5 /(set)
Gross weight	[Kg]	5.8/(set)
Quantity	[set]	1
Work environmental temperature	[℃]	-40℃ - 50℃
Beam Angle	[H,V]	80*140°
Dimension of master carton	[cm]	76*31*15.5





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PROJECTEDLUMENMAINTENANCE

	OPERATING HOURS			
Ambient Temp.	0	25,000	50,000	100,000
25℃/77℉	1.00	0.98	0.97	0.95
40℃/104℉	0.99	0.95	0.90	0.85

Data references the extrapoiated performance projections for the LEDMZ3LD base model in a 40℃Cambientand10,000hours testing.

LUMINAIRE AMBIENT TEMPERATURE FACTOR(LATF)

AMBIENT TEMPERATURE		LUMEN MULTIPLIER
0℃	32℉	1.02
10℃	50℉	1.01
20℃	68℉	1.00
25℃	77℉	1.00
30℃	86℉	1.00
40℃	104℉	0.99
50℃	122℉	0.98

Usethese factors to determine relative lumen output for average ambient temperatures from 0-50℃(32-122℉)

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UNIVERSELITE CO., LTD.

LEDCOBLD120W003A

UNIVERSELITE

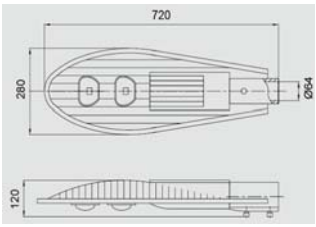
Features:

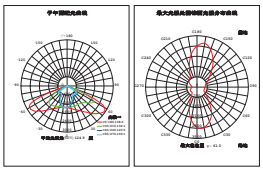
- Die-casting aluminum body with elegant appearance。
- UV-cut coating surface, anticorrosive and moth-proofing
- Used high borosilicate glass lens to ensure long lifespan。
- UVL driver and COB chip to ensure super long lifespan and system stability.
- Shell protection: IP65

Applications

- For road,square and dock lighting,etc.
- LED 120W street light could replace 250W HPS and MH lamp。

Item description		Parameter
Dimensions	[mm]	720*280* 120(L*W*H)
Input voltage	[VAC]	100-277VAC
Input frequency	[HZ]	50/60
Inqut current	[A]	0.57(220V)
Input watt	[W]	120±5%
Power factor		>0.9
Voltage	[V]	30
Current(reference)	[A]	3.6
Wattage(reference)	[W]	108± 5%
Power efficiency		≥90%
Luminous flux	[Lm]	12000
Colour temperature	[K]	3000-6500
Colour rendering index	[Ra]	≥70
Lumen maintenance(2000h)	[%]	≥ 98
Average life	[h]	50000
Net weight	[Kg]	5.3/(set)
Gross weight	[Kg]	6 /(set)
Quantity	[set]	1
Work environmental temperature	[℃]	-40℃ - 50℃
Beam Angle	[H,V]	80*140°
Dimension of master carton	[cm]	76*31*15.5





CE

PROJECTEDLUMENMAINTENANCE

Ambient Temp.	OPERATING HOURS 0	25,000	50,000	100,000
25℃/77℉	1.00	0.98	0.97	0.95
40℃/104℉	0.99	0.95	0.90	0.85

Data references the extrapoiated performance projections for the LEDMZ3LD base model in a 40℃Cambientand10,000hours testing.

LUMINAIRE AMBIENT TEMPERATURE FACTOR(LATF)

AMBIENT TEMPERATURE		LUMEN MULTIPLIER
0℃	32℉	1.02
10℃	50℉	1.01
20℃	68℉	1.00
25℃	77℉	1.00
30℃	86℉	1.00
40℃	104℉	0.99
50℃	122℉	0.98

Usethese factors to determine relative lumen output for average ambient temperatures from 0-50℃(32-122℉)

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UNIVERSELITE CO., LTD.

LEDCOBLD150W003A

UNIVERSELITE

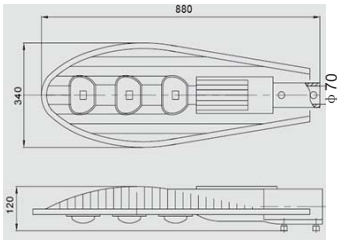
Features:

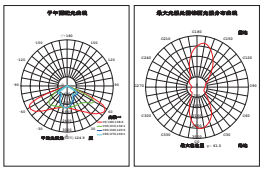
- Die-casting aluminum body with elegant appearance。
- UV-cut coating surface, anticorrosive and moth-proofing
- Used high borosilicate glass lens to ensure long lifespan。
- UVL driver and COB chip to ensure super long lifespan and system stability.
- Shell protection: IP65

Applications

- For road,square and dock lighting,etc.
- LED 150W street light could replace 400W HPS and MH lamp。

Item description		Parameter
Dimensions	[mm]	880*340*120(L*W*H)
Input voltage	[VAC]	100-277VAC
Input frequency	[HZ]	50/60
Inqut current	[A]	0.7(220V)
Input watt	[W]	150±5%
Power factor		>0.9
Voltage	[V]	30
Current(reference)	[A]	4.5
Wattage(reference)	[W]	135±5%
Power efficiency		≥90%
Luminous flux	[Lm]	15000
Colour temperature	[K]	3000-6500
Colour rendering index	[Ra]	≥70
Lumen maintenance(2000h)	[%]	≥ 98
Average life	[h]	50000
Net weight	[Kg]	7.1/(set)
Gross weight	[Kg]	8.2/(set)
Quantity	[set]	1
Work environmental temperature	[℃]	-40℃ - 50℃
Beam Angle	[H,V]	80*140°
Dimension of master carton	[cm]	92*36*14.5





CE

PROJECTEDLUMENMAINTENANCE

Ambient Temp.	OPERATING HOURS 0	25,000	50,000	100,000
25℃/77℉	1.00	0.98	0.97	0.95
40℃/104℉	0.99	0.95	0.90	0.85

Data references the extrapoiated performance projections for the LEDMZ3LD base model in a 40℃Cambientand10,000hours testing.

LUMINAIRE AMBIENT TEMPERATURE FACTOR(LATF)

AMBIENT TEMPERATURE		LUMEN MULTIPLIER
0℃	32℉	1.02
10℃	50℉	1.01
20℃	68℉	1.00
25℃	77℉	1.00
30℃	86℉	1.00
40℃	104℉	0.99
50℃	122℉	0.98

Usethese factors to determine relative lumen output for average ambient temperatures from 0-50℃(32-122℉)

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Website: www.uvlte.com

UNIVERSELITE CO., LTD.

LEDCOBLD180W003A

UNIVERSELITE

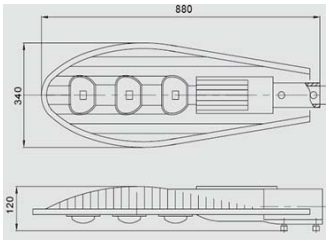
Features:

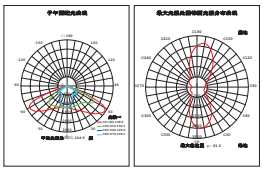
- Die-casting aluminum body with elegant appearance。
- UV-cut coating surface, anticorrosive and moth-proofing
- Used high borosilicate glass lens to ensure long lifespan。
- UVL driver and COB chip to ensure super long lifespan and system stability.
- Shell protection: IP65

Applications

- For road,square and dock lighting,etc.
- LED 180W street light could replace 400W HPS and MH lamp。

Item description		Parameter
Dimensions	[mm]	880*340*120(L*W*H)
Input voltage	[VAC]	100-277VAC
Input frequency	[HZ]	50/60
Inqut current	[A]	0.85(220V)
Input watt	[W]	180±5%
Power factor		>0.9
Voltage	[V]	30
Current(reference)	[A]	5.4
Wattage(reference)	[W]	162±5%
Power efficiency		≥90%
Luminous flux	[Lm]	18000
Colour temperature	[K]	3000-6500
Colour rendering index	[Ra]	≥70
Lumen maintenance(2000h)	[%]	≥ 98
Average life	[h]	50000
Net weight	[Kg]	7.1/(set)
Gross weight	[Kg]	8.2/(set)
Quantity	[set]	1
Work environmental temperature	[℃]	-40℃ - 50℃
Beam Angle	[H,V]	80*140°
Dimension of master carton	[cm]	92*36*14.5





CE

PROJECTEDLUMENMAINTENANCE

	OPERATING HOURS			
Ambient Temp.	0	25,000	50,000	100,000
25℃/77℉	1.00	0.98	0.97	0.95
40℃/104℉	0.99	0.95	0.90	0.85

Data references the extrapoiated performance projections for the LEDMZ3LD base model in a 40℃Cambientand10,000hours testing.

LUMINAIRE AMBIENT TEMPERATURE FACTOR(LATF)

AMBIENT TEMPERATURE		LUMEN MULTIPLIER
0℃	32℉	1.02
10℃	50℉	1.01
20℃	68℉	1.00
25℃	77℉	1.00
30℃	86℉	1.00
40℃	104℉	0.99
50℃	122℉	0.98

Usethese factors to determine relative lumen output for average ambient temperatures from 0-50℃(32-122℉)

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