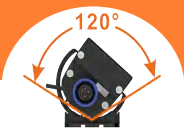


CLEAVER G3 EXTERIOR COVE LIGHT

Surface Mount

WISDOM LIGHT



Linkable



Surface Mount

LED Interior/Exterior Architectural Cove

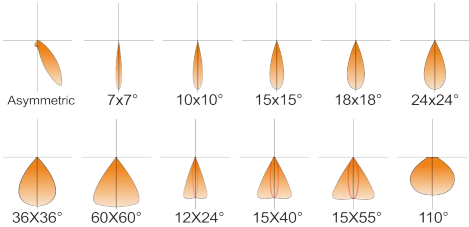
Typical Applications

- Hotels · Restaurants · Commercial Office Spaces
- Schools · Hospitals · Retail · Residential

PRODUCT FEATURES

- IP65 rated for exterior wet locations
- 13 precision bi-directional optical layouts
- Supports runs up to 165ft from single power source
- High CRI &SDCM (90+ CRI, SDCM $\leq$ 3)
- Smooth 0-10V dimming (1%-100% range)

DISTRIBUTION



Model	Dimension	Wattage	Optical	Beam angle	Single CCT	Nominal Efficacy	Lumens	Voltage	Dimmable	CRI	UGR	Flicker Rate	SCDM
WL-3COV1FT 10WAD1UV-XX-VVV-YY	1FT L305xH54xW82.5mm	10W	PC Diffuser	110°	2700K	75 lm/W	750 lm	120-277V	0-10V (1-100%)	>80	<28	>5%	<5
					3000K	80 lm/W	800 lm						
					3500K	83 lm/W	830 lm						
					4000K	86 lm/W	860 lm						
					5000K	90 lm/W	900 lm						
WL-3COV4FT 40WAD1UV-XX-VVV-YY	4FT L1220xH54xW82.5mm	40W	PC Diffuser	110°	2700K	75 lm/W	3000 lm						
					3000K	80 lm/W	3200 lm						
					3500K	83 lm/W	3320 lm						
					4000K	86 lm/W	3440 lm						
					5000K	90 lm/W	3600 lm						
WL-3COV1FT 10WAD1UV-XX-VVV-YY	1FT L305xH54xW82.5mm	10W	Lens	7×7°,10×10° 15×15°,18×18° 24×24°,36×36° 60×60°,12X24° 15X40°,15×55°	2700K	67 lm/W	670 lm				<16		
					3000K	73 lm/W	730 lm						
					3500K	75 lm/W	750 lm						
					4000K	78 lm/W	780 lm						
					5000K	82 lm/W	820 lm						
WL-3COV4FT 40WAD1UV-XX-VVV-YY	4FTL 1220xH54xW82.5mm	40W	Lens	7×7°,10×10° 15×15°,18×18° 24×24°,36×36° 60×60°,12X24° 15X40°,15×55°	2700K	67 lm/W	2680 lm						
					3000K	73 lm/W	2920 lm						
					3500K	75 lm/W	3000 lm						
					4000K	78 lm/W	3120 lm						
					5000K	82 lm/W	3280 lm						

* Remark: Standard Color accuracy: < 5 SDCM; CRI 90 & < 5SDCM are available.

Product design and development is an ongoing process at Shenzhen Wisdom Light Co.,Ltd.

We reserve the right to change specifications.

CLEAVER G3 IP65 COVE LIGHT

Surface Mount



ORDERING GUIDE

Sample Model#: CLEAVER G3 WL-3COV1FT10WAD1UV-27K-110-GR

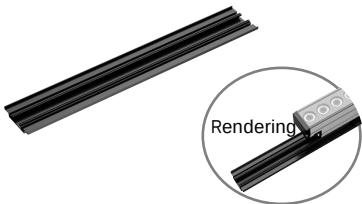
CLEAVER	WL-3COV								
Luminaire ID	Mode	Length	Wattage	Series	Dimming	Power Voltage	CCT	Beam angle	Surface color
Cleaver G3 (IP65)	WL-3COV	1FT 4FT	10W 40W	A=Single CCT	D1=0-10V (1%-100%)	UV=120-277V	XX= 27K=2700K 30K=3000K 35K=3500K 40K=4000K 50K=5000K	VVV= 110=110° 0707=7x7° 1010=10x10° 1515=15x15° 1818=18x18° 2424=24x24° 3636=36x36° 6060=60x60° 1224=12X24° 1540=15X40° 1555=15x55°	YY= GR=Anodized Gray (Standard) CUM=Custom

ACCESSORIES

JUMPER	OTHER
JUM1FT-SJT=Jumper 1FT Cable	IP65PH=IP65 POWER HARNESS
JUM3FT-SJT=Jumper 3FT Cable	SPT= Splicing positioning trunking 8FT
JUM12FT-SJT=Jumper 12FT Cable	



JUMPER 1' /3' /12'
L=305mm(UL/SJOW/18AWG)
L=920mm(UL/SJOW/18AWG)
L=3660mm(UL/SJOW/18AWG)



SPT=Splicing positioning trunking, in aluminum, length customized to fixture size.



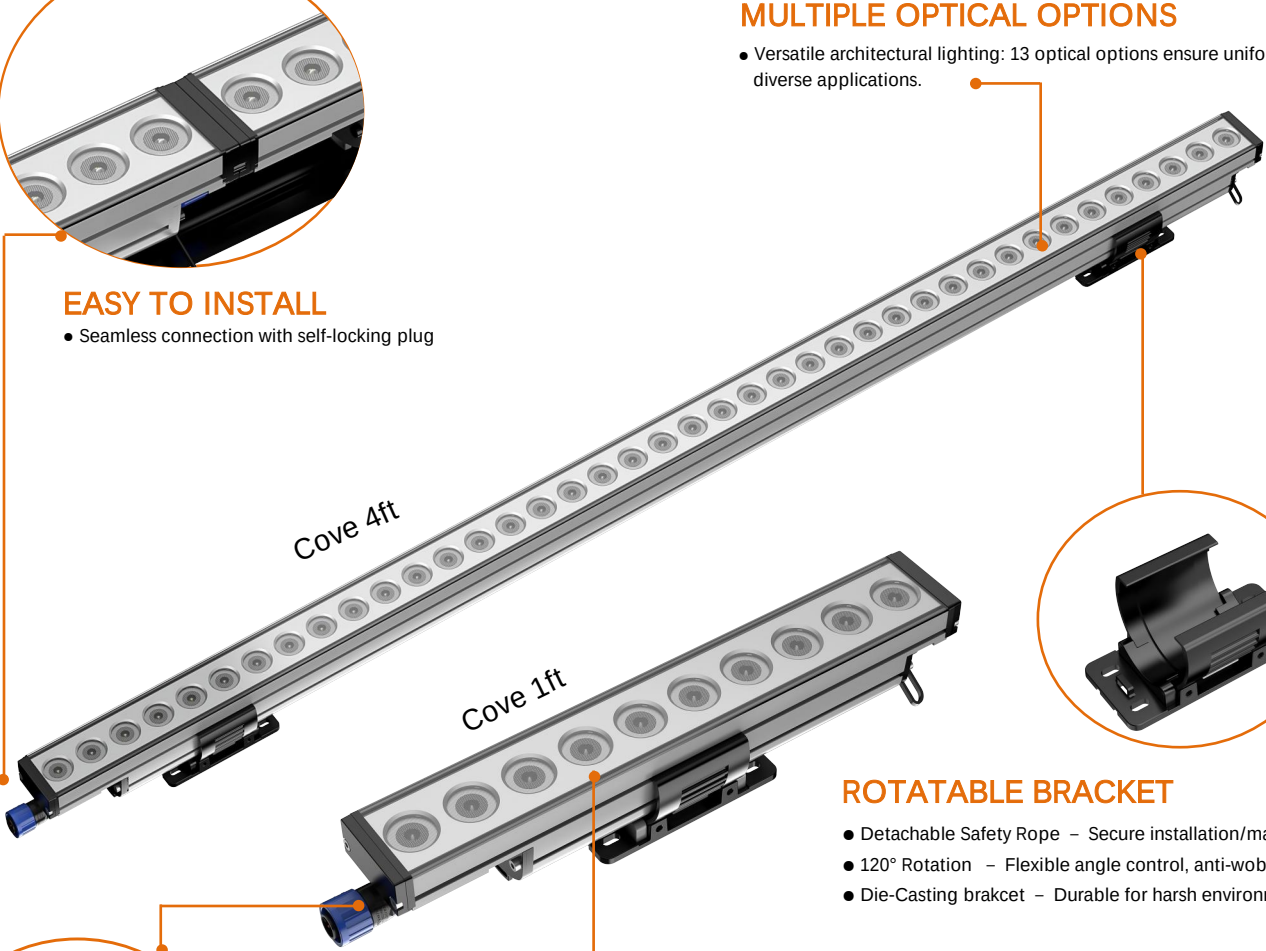
IP65PH=
IP65 POWER HARNESS
Waterproof cable box with 50cm harness/Wet location

CLEAVER G3 IP65 COVE LIGHT

Surface Mount

WISDOM LIGHT

Features



EASY TO INSTALL

- Seamless connection with self-locking plug

MULTIPLE OPTICAL OPTIONS

- Versatile architectural lighting: 13 optical options ensure uniform light for diverse applications.

ROTATABLE BRACKET

- Detachable Safety Rope – Secure installation/maintenance.
- 120° Rotation – Flexible angle control, anti-wobble design.
- Die-Casting bracket – Durable for harsh environments.

WATERPROOF CONNECTOR CABLE

- Self-Lock Plug
Quick-secure waterproof connection.
- Dual-End Sealing
Fixed light attachment + IP-rated connector prevents moisture ingress.

CO-EXTRUDED DIFFUSER

Manufactured using dual-material co-extrusion technology, combining a PC main body with a TPU sealing layer for superior sealing performance. Rated IP65 for dust and water resistance and IK08 for impact resistance, making it suitable for harsh environments. UV-resistant with enhanced weather durability, ensuring long-term performance without aging or degradation.

CLEAVER G3 IP65 COVE LIGHT

Surface Mount

WISDOM LIGHT

Product Specifications

Construction

- Anodized extruded aluminum housing
- Die-cast end caps with IP65 sealing
- Co-extruded optical diffuser
- 1ft/4ft modular lengths
- The end-cap can be removed to replace the lens angle and LED

LED Drivers

- Class II UL certified driver
- Traditional electronic drivers are available for 120- 277V applications

LED Optics

- Fixture equipped with proprietary 80+ or 90+ CRI LED module available in any single CCT
- Designers can achieve optimal results for any installation with optical control options, covering both perpendicular and parallel orientations. This flexibility empowers designers to deliver the perfect wash or graze as needed.

Mounting

- Die-casting construction with $\pm 60^\circ$ aiming range
- Multi-surface installation (wall/ceiling/surface)
- Self-lock plug + optional cable management

Electrical

- 0-10V Dimming provided as standard dimming from 1-1100%

Weight

- WL-3COV1FT10WAD1UV-XX-VVV-YY(PC)=1.32lb
- WL-3COV1FT40WAD1UV-XX-VVV-YY(Lens)=1.43lb
- WL-3COV4FT40WAD1UV-XX-VVV-YY(PC)=3.91lb
- WL-3COV4FT40WAD1UV-XX-VVV-YY(Lens)=4.51lb

Environment

- Suit for wet location
- Operating temperature range: -25°C to 50°C

Approvals

- ETL - listed for wet locations
- Tested to IESNA LM-79 and LM-80
- IP65 test

Warranty

- Five year warranty standard.

Run Length Limits

Run Length Limits (ft)	1FT	4FT
Fixture Input Wattage	10W	40W
Maximum Run Length (ft) @ 120V	72'	72'
Maximum Run Length (ft) @ 277V	165'	165'

Notes:

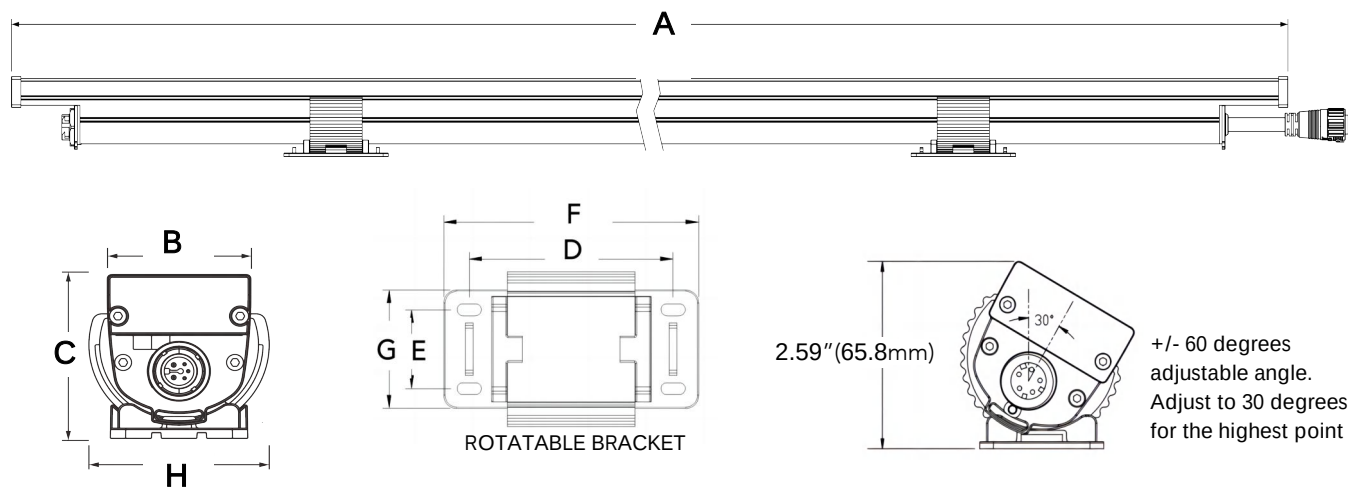
1. When 1FT and 4FT are used on a line, all lamps must use the same power level, such as high-end, mid-range, and low-end, otherwise the brightness will be inconsistent.
2. Run must be limited to 72 ft when using both 1FT and 4FT fixtures in a single run at 120V,
Run must be limited to 165 ft when using both 1FT and 4FT fixtures in a single run at 277V.
3. Run length is limited based on common 30mA dimmer limit, Run length could be extended
To 200FT for dimmers with 50mA current rating.

CLEAVER G3 IP65 COVE LIGHT

Surface Mount

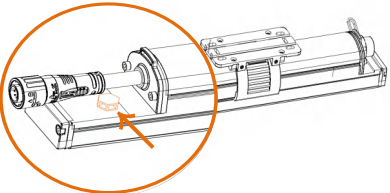


Dimensions

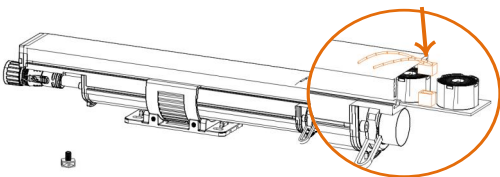


MODEL	A	B	C	D	E	F	G	H
WL-3COV1FT10WAD1UVXXK110WH	12"(1FT)	1.97"(50mm)	2.26"(57.4mm)	3.15"(80mm)	0.98"(25mm)	3.94"(100mm)	1.77"(45mm)	2.31"(58.7mm)
WL-3COV1FT40WAD1UVXXKVWH	12"(1FT)	1.97"(50mm)	2.26"(57.4mm)	3.15"(80mm)	0.98"(25mm)	3.94"(100mm)	1.77"(45mm)	2.31"(58.7mm)
WL-3COV4FT40WAD1UVXXK110WH	48"(4FT)	1.97"(50mm)	2.26"(57.4mm)	3.15"(80mm)	0.98"(25mm)	3.94"(100mm)	1.77"(45mm)	2.31"(58.7mm)
WL-3COV4FT40WAD1UVXXKVWH	48"(4FT)	1.97"(50mm)	2.26"(57.4mm)	3.15"(80mm)	0.98"(25mm)	3.94"(100mm)	1.77"(45mm)	2.31"(58.7mm)

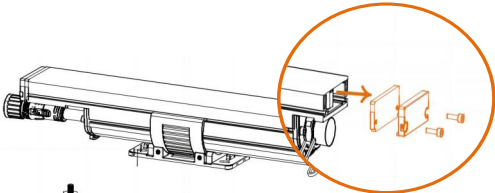
Lens Replacement Procedure



1. Remove the breathing valve at the bottom of the fixture



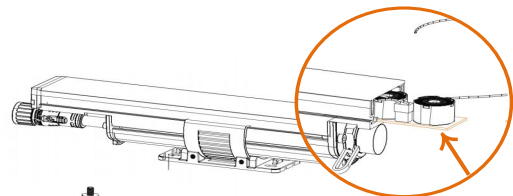
4. Pull out the terminal block.



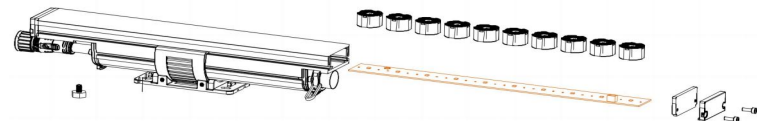
2. Remove the end cap, take off the screws, and remove the end cap and rubber.



5. Pull out the entire light source board.



3. Use a hook tool to pull out the light source board 5CM (user-provided tool)



6. Remove the lens and optics, then replace with new optics or a new PCB

CLEAVER G3 IP65 COVE LIGHT

Surface Mount

WISDOM LIGHT

Applications

Cove



Asymmetric Cove



110°



Wall Graze



Wall Wash



Product design and development is an ongoing process at Wisdom Lighting.

We reserve the right to change specifications.

6/ 12

FILE NAME: CLEAVER
Feb 25, 2025

Tel. +86 755 222 16523
Email. sales@wisdomled.net
www.wisdomled.com

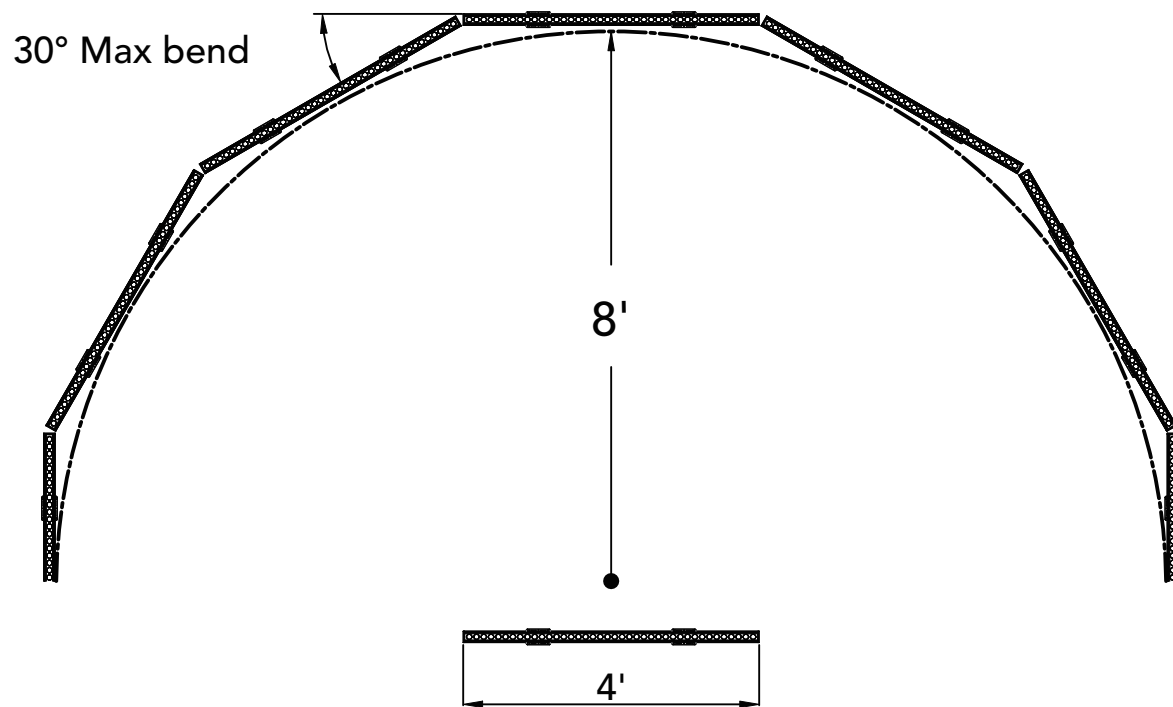
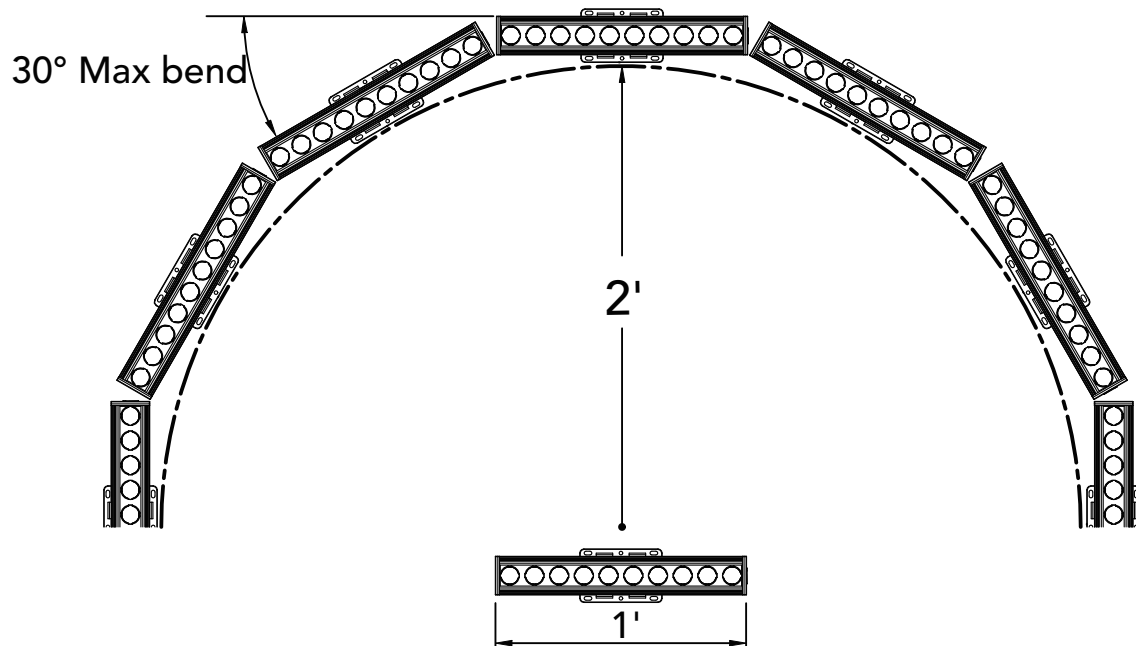
Contact us for the latest product information.

CLEAVER G3 IP65 COVE LIGHT

Surface Mount

WISDOM LIGHT

Radius Bend



CLEAVER G3 IP65 COVE LIGHT

Surface Mount

WISDOM LIGHT

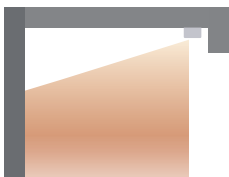
Clearver G3 adapts to any environment giving designers more freedom and greater control over their projects



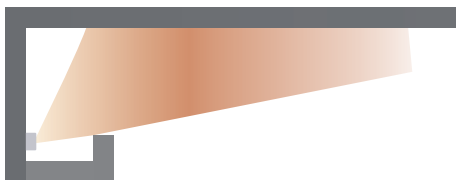
Cove | Architectural ledge or recess on the upper part of a wall.
Beam angle: 110° , Asymmetric



Graze | Light that is close to and parallel to a surface and creates strong contrast.
Beam angle: 7x7, 10x10, 15x15, 12x24, 15x40, 15x55



Wash | Light striking a surface from a distance that reduces or eliminates contrast.
Beam angle: 24x24, 36x36, 60x60



Asymmetric | Light that uniformly illuminates a ceiling or wall without dark shadows in the cove
Beam angle: Asymmetric

CLEAVER G3 IP65 COVE LIGHT

Surface Mount

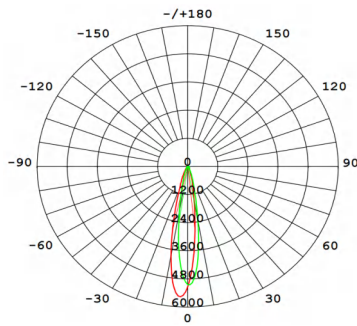
WISDOM LIGHT

Lens	Lumen output	
	PC lens(CCT single)	Optic lens(CCT single)
	1100LM/FT,10W/FT	1050LM/FT,10W/FT

Above are subject to 4000K, white housing . All efficacy is $\pm 5\%$ base on different CCT and lighting distributions. For other CCT, housing color etc. please check the IES file to gain the accurate data

Cleaver G3-WL-3COV

Cleaver G3-WL-3COV/1FT/10W/RA80/4000K/18*18°



AVERAGE BEAM ANGLE(50%):18.3 DEG

NOMINALFLUX(lm):1005.4,NOMINAL POWER(W):10W,lmax(cd) :5565,Efficay:111.84lm/W

Zonal Flux Diagram

γ	C0	C45	C90	C135	C180
10	1490	1747	2371	3836	3871
20	359.8	399.0	536.0	875.7	918.4
30	119.9	122.6	161.9	258.4	273.5
40	64.73	64.20	74.91	94.78	103.1
50	38.72	38.55	42.92	52.22	56.45
60	21.95	22.71	26.64	30.93	32.75
70	12.45	10.94	15.06	17.51	17.74
80	4.220	3.463	4.105	6.813	7.742
90	1.679	1.107	0	1.429	2.712

DEG LUMINOUSINTENSITY:cd/klm

Zonal Lumens

γ	Φ_{zone}	Φ_{total}
00-10	340.7	340.7
10-20	337.0	677.7
20-30	145.5	823.2
30-40	70.15	893.3
40-50	45.11	938.5
50-60	30.79	969.2
60-70	19.84	989.1
70-80	9.754	998.8
80-90	2.657	1001

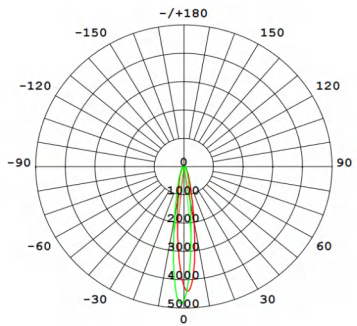
UNIT:lm/klm

LUMINANCE cd/(m2)

G(DEG)	C0/180	C90/270
85	423	133
80	386	375
75	508	572
70	578	699
65	611	786
60	697	846
55	811	927
50	956	1060
45	1124	1256

Cleaver G3-WL-3COV

Cleaver G3-WL-3COV/1FT/10W/RA80/4000K/15*15°



AVERAGE BEAM ANGLE(50%):14.5 DEG

NOMINALFLUX(lm):916.701,NOMINAL POWER(W):10W,lmax(cd) :4948,Efficay:102.08lm/W

Zonal Flux Diagram

γ	C0	C45	C90	C135	C180
10	1970	1439	1214	1331	1226
20	570.0	459.5	409.1	438.3	439.1
30	251.3	208.1	189.0	200.4	202.7
40	130.8	114.6	109.4	110.7	113.3
50	81.38	74.63	71.02	72.19	71.71
60	49.78	48.38	46.51	47.26	44.34
70	27.34	24.82	24.47	23.52	20.98
80	13.46	8.735	5.818	7.288	8.134
90	3.662	1.794	0	1.055	3.002

DEG LUMINOUSINTENSITY:cd/klm

Zonal Lumens

γ	Φ_{zone}	Φ_{total}
00-10	250.8	250.8
10-20	230.8	481.7
20-30	147.5	629.2
30-40	99.05	728.2
40-50	72.30	800.5
50-60	54.27	854.8
60-70	35.55	890.3
70-80	16.66	907.0
80-90	4.295	911.3

UNIT:lm/klm

LUMINANCE cd/(m2)

G(DEG)	C0/180	C90/270
85	1211	181
80	1230	532
75	1222	876
70	1269	1136
65	1408	1328
60	1580	1477
55	1788	1606
50	2010	1754
45	2277	1985

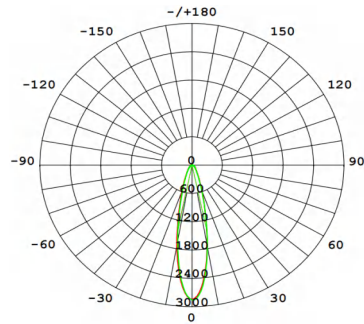
CLEAVER G3 IP65 COVE LIGHT

Surface Mount

WISDOM LIGHT

Cleaver G3-WL-3COV

Cleaver G3-WL-3COV/1FT/10W/RA80/4000K/24*24 °



AVERAGE BEAM ANGLE(50%):23.6DEG

NOMINALFLUX(lm):929.4,NOMINAL POWER(W):10W,lmax(cd) : 2862,Efficay:103.27Lm/W

Zonal Flux Diagram

γ	C0	C45	C90	C135	C180
10	1727	1711	1759	1955	1724
20	572.9	543.8	551.8	655.1	578.1
30	229.4	215.1	214.4	244.2	231.3
40	121.2	113.4	114.9	122.2	123.4
50	76.23	71.06	69.97	74.65	76.19
60	45.42	44.23	45.81	47.84	47.28
70	24.41	22.44	23.30	25.55	23.17
80	11.07	7.608	5.549	8.638	9.067
90	3.036	1.770	0.0170	1.386	3.221

DEG LUMINOUSINTENSITY:cd/klm

Zonal Lumens

γ	Φzone	Φtotal
00-10	212.2	212.2
10-20	278.6	490.8
20-30	158.9	649.7
30-40	98.90	748.6
40-50	70.59	819.2
50-60	51.89	871.1
60-70	33.47	904.6
70-80	15.36	919.9
80-90	3.893	923.8

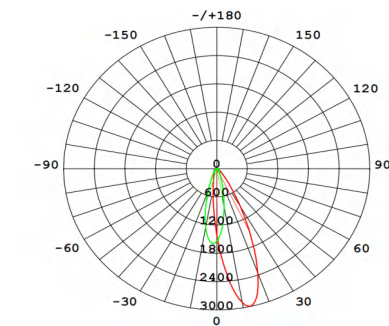
UNIT:lm/klm

LUMINANCE cd/(m2)

G(DEG)	C0/180	C90/270
85	993	142
80	1012	507
75	1099	840
70	1133	1081
65	1263	1290
60	1442	1454
55	1653	1564
50	1882	1728
45	2133	1980

Cleaver G3-WL-3COV

Cleaver G3-WL-3COV/1FT/10W/RA80/4000K/24*24 °



AVERAGE BEAM ANGLE(50%):25.7 DEG

NOMINALFLUX(lm):938.482,NOMINAL POWER(W):10W,lmax(cd) : 2990,Efficay:104.04Lm/W

Zonal Flux Diagram

γ	C0	C45	C90	C135	C180
10	2886	1669	833.5	561.9	435.1
20	2350	800.7	278.8	195.7	182.0
30	923.2	251.7	119.0	109.7	117.8
40	260.4	99.98	74.62	81.57	92.74
50	93.91	53.97	54.27	64.47	73.53
60	41.58	30.13	36.89	47.30	51.88
70	17.97	12.74	16.98	26.48	29.29
80	6.977	3.185	2.684	9.863	15.12
90	2.928	0.7338	0	2.180	4.054

DEG LUMINOUSINTENSITY:cd/klm

Zonal Lumens

γ	Φzone	Φtotal
00-10	138.4	138.4
10-20	297.0	435.4
20-30	222.7	658.1
30-40	112.8	770.9
40-50	66.65	837.5
50-60	47.46	885.0
60-70	30.32	915.3
70-80	13.74	929.0
80-90	3.965	933.0

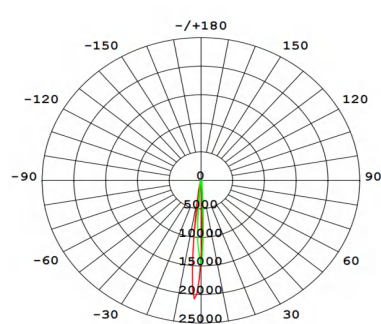
UNIT:lm/klm

LUMINANCE cd/(m2)

G(DEG)	C0/180	C90/270
85	717	15
80	638	245
75	693	532
70	834	788
65	1042	1007
60	1320	1171
55	1705	1275
50	2319	1340
45	3349	1427

Cleaver G3-WL-3COV

Cleaver G3-WL-3COV/1FT/10W/RA80/4000K/7*7 °



AVERAGE BEAM ANGLE(50%):7.1 DEG

NOMINALFLUX(lm):962.687,NOMINAL POWER(W):10W,lmax(cd) : 25634,Efficay:106.97Lm/W

Zonal Flux Diagram

γ	C0	C45	C90	C135	C180
10	94.79	77.26	93.02	206.1	324.1
20	26.63	24.10	27.54	40.05	53.19
30	12.13	10.74	12.09	15.77	18.92
40	6.726	6.309	6.806	8.176	9.744
50	4.124	4.038	4.317	5.069	5.819
60	2.317	2.426	2.851	3.230	3.508
70	1.198	1.051	1.485	1.761	1.873
80	0.3990	0.3045	0.3423	0.6336	0.7580
90	0.1718	0.0998	0	0.1238	0.2598

DEG LUMINOUSINTENSITY:cd/klm

Zonal Lumens

γ	Φzone	Φtotal
00-10	497.1	497.1
10-20	189.3	686.5
20-30	98.05	784.5
30-40	62.56	847.1
40-50	45.46	892.5
50-60	32.81	925.3
60-70	21.03	946.4
70-80	9.695	956.1
80-90	2.581	958.7

UNIT:lm/klm

LUMINANCE cd/(m2)

G(DEG)	C0/180	C90/270
85	406	120
80	365	313
75	489	519
70	556	689
65	627	805
60	736	905
55	864	975
50	1018	1066
45	1190	1203

CLEAVER G3 IP65 COVE LIGHT

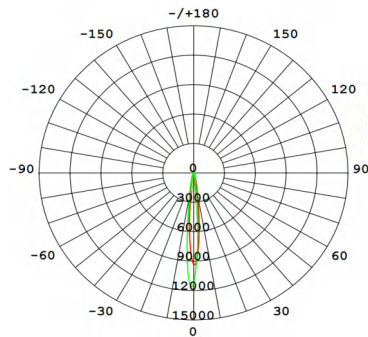
Surface Mount

WISDOM LIGHT

Cleaver G3-WL-3COV

Cleaver G3-WL-3COV/1FT/10W/RA80/4000K/10*10°

NOMINALFLUX(lm):982.82,NOMINAL POWER(W):10W,lmax(cd) : 11653,Efficay:109.20lm/W



AVERAGE BEAM ANGLE(50%):10.9 DEG

Zonal Flux Diagram

γ	C0	C45	C90	C135	C180
10	220.9	164.6	141.6	192.5	184.2
20	51.00	38.93	35.09	44.18	48.73
30	16.83	13.02	12.84	15.04	16.68
40	8.033	6.601	6.534	7.211	8.161
50	4.595	4.039	3.997	4.236	4.537
60	2.604	2.465	2.547	2.651	2.654
70	1.409	1.234	1.375	1.372	1.319
80	0.6434	0.4281	0.3409	0.4685	0.5347
90	0.1881	0.1012	0	0.0706	0.1871
DEG	LUMINOUSINTENSITY:cd/klm				

Zonal Lumens

γ	Φ_{zone}	Φ_{total}
00-10	425.9	425.9
10-20	254.4	680.3
20-30	125.1	805.4
30-40	68.16	873.6
40-50	44.18	917.7
50-60	30.39	948.1
60-70	19.31	967.4
70-80	9.248	976.7
80-90	2.412	979.1
UNIT:lm/klm		

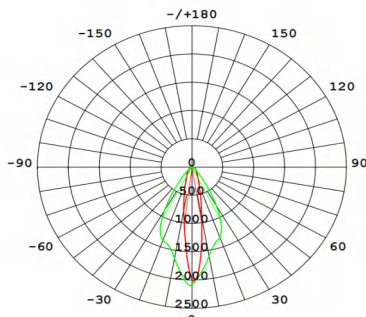
LUMINANCE cd/(m2)

G(DEG)	C0/180	C90/270
85	607	116
80	588	312
75	637	504
70	654	638
65	721	734
60	827	809
55	960	883
50	1135	987
45	1355	1132

Cleaver G3-WL-3COV

Cleaver G3-WL-3COV/1FT/10W/RA80/4000K/15*55°

NOMINALFLUX(lm):955.481,NOMINAL POWER(W):10,lmax(cd) : 2095,Efficay:106.40lm/W



AVERAGE BEAM ANGLE(50%):35.3 DEG

Zonal Flux Diagram

γ	C0	C45	C90	C135	C180
10	921.8	1174	1600	1087	780.6
20	346.6	458.2	1320	444.3	318.2
30	181.1	217.4	794.9	215.0	168.1
40	117.0	122.7	245.2	122.5	108.2
50	81.85	78.29	76.07	75.98	72.20
60	53.69	53.37	52.95	48.66	42.46
70	28.32	27.64	28.67	24.05	22.49
80	10.68	8.261	8.002	8.524	8.269
90	3.483	0.9966	0	2.230	2.597
DEG	LUMINOUSINTENSITY:cd/klm				

Zonal Lumens

γ	Φ_{zone}	Φ_{total}
00-10	140.4	140.4
10-20	231.6	372.0
20-30	226.3	598.3
30-40	152.0	750.2
40-50	83.28	833.5
50-60	56.42	889.9
60-70	38.27	928.2
70-80	17.80	946.0
80-90	4.318	950.3
UNIT:lm/klm		

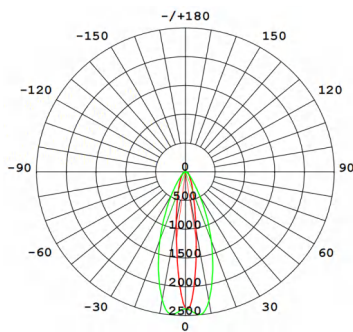
LUMINANCE cd/(m2)

G(DEG)	C0/180	C90/270
85	1128	172
80	976	731
75	1086	1057
70	1314	1331
65	1535	1524
60	1705	1681
55	1865	1759
50	2021	1878
45	2201	2696

Cleaver G3-WL-3COV

Cleaver G3-WL-3COV/1FT/10W/RA80/4000K/15*40°

NOMINALFLUX(lm):949.131,NOMINAL POWER(W):10W,lmax(cd) : 2494,Efficay:105.81lm/W



AVERAGE BEAM ANGLE(50%):28.2 DEG

Zonal Flux Diagram

γ	C0	C45	C90	C135	C180
10	1038	1518	2276	1416	896.2
20	372.1	537.3	1271	531.2	355.9
30	182.5	223.7	474.6	227.3	178.8
40	112.5	119.3	161.4	120.0	107.0
50	75.56	75.89	76.37	74.43	69.63
60	49.04	49.50	47.49	46.10	41.12
70	25.69	25.61	25.93	22.86	21.61
80	9.744	7.893	6.563	8.561	8.220
90	3.180	0.9408	0	2.027	2.476
DEG	LUMINOUSINTENSITY:cd/klm				

Zonal Lumens

γ	Φ_{zone}	Φ_{total}
00-10	176.7	176.7
10-20	273.7	450.4
20-30	196.7	647.1
30-40	115.0	762.1
40-50	74.35	836.4
50-60	53.16	889.6
60-70	34.68	924.3
70-80	16.04	940.3
80-90	3.892	944.2
UNIT:lm/klm		

LUMINANCE cd/(m2)

G(DEG)	C0/180	C90/270
85	1012	190
80	891	600
75	983	930
70	1192	1204
65	1400	1382
60	1557	1508
55	1708	1643
50	1866	1886
45	2060	2406

CLEAVER G3 IP65 COVE LIGHT

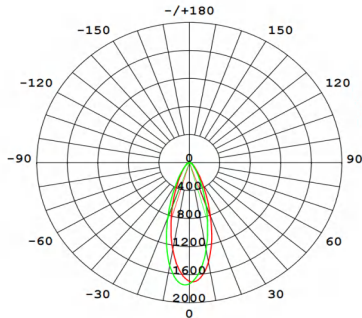
Surface Mount

WISDOM LIGHT

Cleaver G3-WL-3COV

Cleaver G3-WL-3COV/1FT/10W/RA80/4000K/36°36°

NOMINAL FLUX(lm):955.138,NOMINAL POWER(W):10W,lmax(cd) : 1747,Efficay:106.36lm/W



AVERAGE BEAM ANGLE(50%):35.5DEG

Zonal Flux Diagram

γ	C0	C45	C90	C135	C180
10	1441	1326	1263	1303	1263
20	803.4	697.0	633.5	678.2	654.7
30	344.9	297.2	264.4	290.0	280.3
40	147.9	128.2	117.1	126.5	124.8
50	76.08	69.52	65.23	69.05	67.51
60	41.50	40.28	39.24	40.50	38.01
70	22.12	18.71	19.04	18.89	17.89
80	10.38	6.328	4.160	5.738	7.009
90	2.769	1.417	0	0.8299	2.372

DEG LUMINOUS INTENSITY:cd/klm

Zonal Lumens

γ	Φ_{zone}	Φ_{total}
00-10	146.4	146.4
10-20	286.1	432.5
20-30	222.9	655.4
30-40	128.0	783.4
40-50	73.93	857.3
50-60	48.19	905.5
60-70	28.96	934.5
70-80	12.93	947.4
80-90	3.256	950.7

UNIT:lm/klm

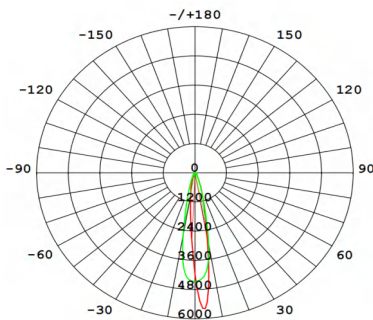
LUMINANCE cd/(m2)

G(DEG)	C0/180	C90/270
85	906	122
80	949	380
75	977	652
70	1026	883
65	1125	1071
60	1317	1246
55	1570	1415
50	1879	1611
45	2320	1904

Cleaver G3-WL-3COV

Cleaver G3-WL-3COV/1FT/10W/RA80/4000K/12°24°

NOMINAL FLUX(lm):986.845,NOMINAL POWER(W):10,lmax(cd) : 5595,Efficay:109.77lm/W



AVERAGE BEAM ANGLE(50%):17.7 DEG

Zonal Flux Diagram

γ	C0	C45	C90	C135	C180
10	2685	3871	2992	1549	990.0
20	671.8	785.7	664.0	438.4	314.5
30	215.3	237.3	213.6	163.2	128.0
40	95.82	100.4	96.12	78.82	67.16
50	54.40	53.44	49.42	43.92	39.70
60	31.96	31.25	30.24	26.60	23.25
70	17.57	17.58	17.75	13.78	10.66
80	9.137	6.736	4.462	4.271	3.990
90	2.520	1.329	0	0.6122	1.852

DEG LUMINOUS INTENSITY:cd/klm

Zonal Lumens

γ	Φ_{zone}	Φ_{total}
00-10	320.9	320.9
10-20	317.4	638.4
20-30	147.3	785.6
30-40	80.07	865.7
40-50	49.84	915.6
50-60	33.14	948.7
60-70	21.52	970.2
70-80	10.23	980.4
80-90	2.663	983.1

UNIT:lm/klm

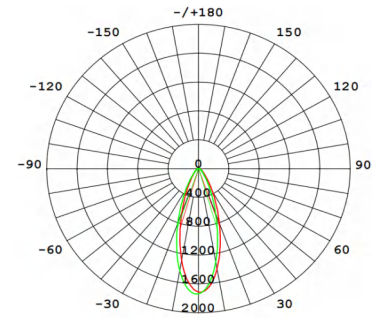
LUMINANCE cd/(m2)

G(DEG)	C0/180	C90/270
85	876	153
80	835	408
75	802	639
70	816	824
65	903	931
60	1015	960
55	1161	1045
50	1343	1220
45	1596	1514

Cleaver G3-WL-3COV

Cleaver G3-WL-3COV/1FT/10W/RA80/4000K/36°36°

NOMINAL FLUX(lm):946.843,NOMINAL POWER(W):10W,lmax(cd) : 1739,Efficay:105.32lm/W



AVERAGE BEAM ANGLE(50%):35.5 DEG

Zonal Flux Diagram

γ	C0	C45	C90	C135	C180
10	1408	1355	1315	1355	1292
20	806.4	727.8	662.8	687.8	641.7
30	367.3	315.3	266.9	280.8	263.3
40	158.9	133.5	111.1	117.7	115.2
50	82.18	68.47	58.79	61.98	62.72
60	45.75	38.78	35.25	34.66	34.63
70	24.47	18.28	16.03	15.72	15.50
80	12.22	6.213	2.514	4.728	5.916
90	3.261	1.499	0	0.7581	2.412

DEG LUMINOUS INTENSITY:cd/klm

Zonal Lumens

γ	Φ_{zone}	Φ_{total}
00-10	146.7	146.7
10-20	285.7	432.4
20-30	222.6	655.0
30-40	126.7	781.7
40-50	71.68	853.4
50-60	46.13	899.5
60-70	27.41	926.9
70-80	12.05	938.9
80-90	3.178	942.1

UNIT:lm/klm

LUMINANCE cd/(m2)

G(DEG)	C0/180	C90/270
85	1083	15
80	1117	230
75	1094	499
70	1136	744
65	1255	934
60	1452	1119
55	1708	1281
50	2029	1452
45	2501	1758