January 21, 2026 – REV1

City of Lynwood

Re: Edmonds School District New Middle School

This letter with the included light fixture catalog cuts are submitted to show compliance with Lynnwood Municipal Code 21.17 and other review comments provided by the City of Lynnwood. Please see the following.

Section 8.40.0540 – Non Residential Lighting
1.   Site lighting is designed to follow the Performance Method of the code.
2.   Lighting does not exceed the site limits.   The site lumen limit is 2.5 Lumens per SF. Our site is 859,542 SF so our total allowed lumens are 2,148,855 Lumens for this site
3.   The input data shows the luminaire locations, mounting heights and aiming on the attached photometric plan.
4.   The photometric plan shows zero reflectance around the perimeter of the site up to 33 feet above the tallest luminaire and photometric data is shown.
5.   The design complies total lumens on the virtual enclosure are less than 15% of the stie total lumen limit or 322,328 lumens and the vertical is less than the maximum illuminance

General Requirements – 27.17.050
6.   Site lighting has been designed to minimize trespass onto adjacent residential properties
7.   Site lighting is cutoff to minimize spillage into the sky
8.   Outdoor lighting is controlled by a combination of a photo sensor and a time switch and motion sensor
9.   Fixtures and lighting systems willl be maintained in good working order and in a manner that serves the original design intent of the system by Edmonds School District
10. The photometric plan is included in this set
     a.   Cut sheets are included with this letter showing lumens, height, and Bug ratings
     b.   The lighting design is to provide soft pleasing warm light with minimal trespass to neighboring properties. All cuts show BUG ratings

Section 27.17.060
1.   No lighting is within 50 feet of a residential zone

Section 27.17.070
1.   Project is Lighting Zone LZ-2, School

Section 27.17.080
1.   This is a non-residential property using the Performance Method for compliance.
2.   The site lumen limit is 2.5 Lumens per SF. Our site is 859,542 SF so our total allowed lumens are 2,148,855 Lumens for this site. The attached plan shows lumens in compliance.
3.   Calculation shows compliance with B.2.b and B.2.c
4.   All fixtures show B Ratings per Table 27.17.05. Fixtures are rated B3, B2, and B0
5.   All fixtures are less than U2 Rating per 21.17.06
6.   All fixtures show G Ratings per Table 27.17.07. Fixtures are rated G2 and none close to the property line

Lighting photometric calculation results are shown on new sheets E1.02 & E1.03.

Fire Division
1. Fire alarm connections for valves on backflow are now indicated.
2. Remote shutdown switch, Knox #4505, is now indicated on plan. Remote switch will shut-off power to all EV chargers.

External Review – Snohomish PUD
1. Confirmed receipt of system capacity memo. Design Team, Contractor and Owner to coordinate with Snohomish PUD for new electric service and removal of existing.

Please call if you have any questions or wish revisions.

Sincerely,

Mike Fitzmaurice

Mike Fitzmaurice, PE

KIM LIGHTING®

LTV81
INGRADE

DATE: _____ LOCATION: _____

TYPE: _____ PROJECT: _____

CATALOG #: _____

LIGHTVAULT 8

FEATURES

- Sealed IP68 LED light engine
- Bluetooth connectivity for remote control aiming and dimming
- Free Mobile App for Android and iOS
- Easy to install and pair devices
- Advanced thermal management provides long life in excess of 100,000+ hours
- Runs cool to the touch - less than 40°C

c(UL)us LISTED   IK09   IP68

CONTROL TECHNOLOGY

Bluetooth®

Lightvaut8 Flat Frame, Stainless Steel, Rock Guard, Half Shield, Eyeball

RELATED PRODUCTS

LTV8FF RGBW   LTV8SS   LTV8SS RGBW

SPECIFICATIONS

HOUSING:
- Pour Box rough-in housing for installation below grade
- High temperature UV resistant thermal plastic, 3/16" minimum wall, black
- Includes a splice box with molded plastic splice cover and silicone gasket
- Three 1" NPT in bottom for through wiring on LTV81 and LTV82
- Two 1" NPT in bottom for through wiring on LTV83. 107 cu. in. splice area for LTV81
- 52 cu. in. splice area for LTV82. 24 cu. in. splice area for LTV83
- Rough-in housing supplied with a protective aluminum debris shield and includes an orientation label for proper installation alignment. This allows for clean and easy installation in concrete pad or soil. Pour Box can be shipped separately as a quick-ship if requested
- One-piece impregnated cast bronze component module is fully sealed and secured to the face trim from the underside
- A high temperature, anti-siphon, IP68 sealed cable extends from the component module to the splice box inside the housing
- The fully assembled component module is secured to the housing with (4) ¼-20 tamper-resistant and high grade stainless steel fasteners
- One-piece cast bronze lens ring fastens to the component module from the underside and provides a flat surface
- Slip Resistant Lens (SR) and Rebar Cage Anchor (RCA81)
- When installed in concrete, fixture will withstand drive-over by vehicles weighing up to 4,500 lb.
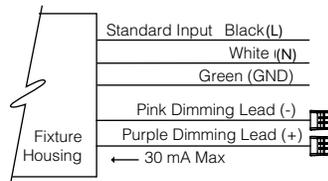
OPTICS
- Spot (SP), Narrow Flood (NF), and Wall Wash (WW) optical modules are adjustable up to 15° utilizing a Bluetooth enabled motor assembly
- Clear 5/16" thick tempered glass lens and silicone gasket is retained securely within the component module

ELECTRICAL
- All electronic components are UL and CSA recognized and are mounted directly to the component module for maximum heat dissipation and modularity. Driver is IP67 with -30°C minimum temperature rating
- Product comes standrd with a UL Recognized 10kA surge protector

CONTROLS
- Standard fixtures dimming range is from 10% to 100% and be compatible with 0-10V, user-defined, control devices

Standard Input	Black **(L)**
	White l**(N)**
	Green (GND)
	Pink Dimming Lead (-)
Fixture Housing	Purple Dimming Lead (+)
	← 30 mA Max

BLUETOOTH:
- Integral Bluetooth module used to adjust optics and dim fixture to desired setting when paired with KIM LTV8 Remote App via cellular/tablet device
- Fully qualified Bluetooth 1.1, 1.2, 2.0, 2.1. Bluetooth v2.0+EDR compatible with Android devices running Android Gingerbread API level 9 forward. Bluetooth 4.0 LE compatible with iOS devices - iPhone 4S and later, 5th generation iPod touch, the iPad Mini and the 3rd generation and later of the full size iPad with iOS 5 or later

BLUETOOTH (CONTINUED)
- Bluetooth Apps are available for Apple iOS and Google Android mobile devices and are downloadable via the internet at Apple App Store or Google Play

CAUTION:
- Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury

CERTIFICATIONS AND LISTINGS
- Listed to UL1598 and UL8750 25°C ambient operation
- SASO Certified for LTV82/83
- IP68 rated
- IEC 66262 Mechanical Impact Code IK09
- CISPR 15 Compliant, per product standard EN 55015:2013
- RoHS compliant

WARRANTY
- 5 year warranty

KEY DATA	
Lumen Range	988–3878
Wattage Range	14–44
Reported Life (Hours)	L70/60,000

Current®

KIMLIGHTING®

LTV81
INGRADE

ORDERING GUIDE

Example: LTV81-FF-NF-18L-4K-UV-SR-RCA81

CATALOG #

HOUSING

LTV81							
Model	**Style**	**Distribution**	**Source**	**Color Temperature**	**Voltages**	**Len Options** [2]	**Rebar Cage Anchor**
LTV81 13" Dia.	**FF** Flat Frame	**SP** Spot	**36L** 36 LEDs	**3K** 3000K	**UV** 120-277V	**SR** [3] Slip-Resistant	**RCA81** for LTV81
	SS Stainless Steel	**NF** Narrow Flood	**18L** 18 LEDs (EB only)	**4K** 4000K		**PL** Prismatic Lens	
	HS Half Shield	**WW** Wall Wash		**5K** 5000K			
	RG Rock Guard						
	EB Eyeball [1]						

Notes:
1. Eyeball fixture comes only with 18 LED.
2. All lens options are integral parts of component module and must be installed at factory.
3. Only available with FF and SS styles

kl_LTV81_spec_R02

KIM LIGHTING®

UR20-Arm Mount
ARCHITECTURAL AREA/SITE

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

OURO™

FEATURES

- 20″ size in post top, pole and wall mount
- High performance optics up to 17,000 delivered lumens
- Elegant form factor
- Diffusion lens option
- UL/cUL listed for wet locations, IP66 and 4G/1.5G vibration rated

c UL us LISTED   ida DARK SKY APPROVED 2016   DLC LISTED   IK10 [1]

3000K and warmer CCTs only

CONTROL TECHNOLOGY

NX WIRELESS   LIGHTGRID⁺

SPECIFICATIONS

CONSTRUCTION

- Low copper aluminum alloy die-casting is designed as one-piece with internal cooling fins.
- Solid, cast aluminum wall creates a thermal barrier between the optical and electrical compartments.
- Molded silicone gasket throughout insures the sealing between the two compartments and provides ingress protection.
- Housing is designed with integral LED heat sink utilized for thermal transfer and for securing the location of each LED module.
- All external fasteners are stainless steel.
- One-piece low copper aluminum alloy die-cast lens frame is secured to housing with 6 screws.

OPTICS

- LEDs mount to a metal printed circuit board assembly (MCPCB).
- Optical lenses are clear injection molded PMMA acrylic.
- Optional Backlight Control on each LED module to completely control unwanted backlight.
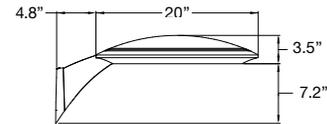
LENS

- Standard lens (CLR) IK08
- Clear Polycarbonate Lens (CP) IK10

INSTALLATION

- Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury.

ELECTRICAL

- Universal voltage, 120 through 277V with a ±10% tolerance. Driver is Underwriters Laboratories listed.
- High voltage configurations, 347/480. Driver has a 0-10V dimming interface for multi-level illumination options. Driver is Underwriters Laboratories listed.
- "Thermal Shield", secondary side, thermistor provides protection for the sustainable life of LED module and electronic components
- Drivers shall have greater than a 0.9 power factor, less than 20% harmonic distortion, and be suitable for operation in -40°C to 40°C ambient environments.
- Luminaire shall be capable of operating at 100% brightness in a 40°C environment. Both driver and optical array have integral thermal protection that will dim the luminaire upon detection of temperatures in excess of 85°C.
- Surge protection: 10,000k in parallel, 20,000k in series
- Wiring: No. 18AWM rated 105°C, wet rating.

CONTROLS

7PR

- Fully gasketed and wired 7-pin receptacle option. Easy access location above the electrical compartment. 7-pin construction allows for a user-defined interface and provides a controlled definition of operational performance. ANSI twist-lock control module by-others.

Standard customer operation modes:

- Traditional on/off photoelectric control.
- 5-pin wireless photoelectric control for added dimming feature.
- 7-pin wireless photoelectric control for for dimming and additional I/O connections for customer use.

	Weight	EPA
UR20	32 lbs / 14.5 kg	0.372 ft.²

4.8" 20" 3.5" 7.2"

[1]Clear Polycarbonate Lens (CP) IK10, Standard lens (CLR) IK08, Consult factory for details

Current⊙

KIM LIGHTING®

UR20-Arm Mount
ARCHITECTURAL AREA/SITE

ORDERING GUIDE

Example: UR20-24L-25-3K8-3-L-UNV-ASQ-BLT-7PR-BC

CATALOG # _____

HOUSING

UR20								

Model		LED Engine		CCT/CRI		Distribution		Rotation		Voltage	
UR20	Ouro	**No Lens or Clear Lens**		AM ¹¹	Amber, 595nm	**No Lens or Clear Lens**		**(Blank)**	Blank for no rotation	UNV	120-277V
		24L-25	3,000 lm	27K8	2700K, 80 CRI	FR	Type 1/Front Row			347	347V
		24L-65	7,000 lm	3K7	3000K, 70 CRI	2	Type II	**L ¹**	Optic rotation left	480	480V
		56L-75	10,000 lm	3K8	3000K, 80 CRI	3	Type III	**R ¹**	Optic rotation right		
		56L-110	15,000 lm	35K8	3500K, 80 CRI	4	Type IV				
		56L-140	17,000 lm	3K9	3000K, 90 CRI	4W	Type IV Wide				
		HDL - High Diffusion Lens		4K7	4000K, 70 CRI	5QM	Type V Square Medium				
		28L-30	3,000 lm	4K8	4000K, 80 CRI	5QN	Type V Square Narrow				
		28L-70	7,000 lm	5K7	5000K, 70 CRI	5R	Type V Rectangular				
		68L-80	9,000 lm	Consult factory for other CCTs and CRIs		5W	Type V Wide (Round)				
		68L-115	13,000 lm			**HDL - High Diffusion Lens**					
		68L-150	15,000 lm			3	Type III/Asymmetric				
						5W	Type V/Symmetric				

Mounting		Fixture Finish		Control Options		Options		Control Accessories	
ASQ	Arm Square pole	BLS	Black Gloss Smooth	7PR-TL	7 pin PCR with twist lock photocontrol	BC ⁶	Back-light Control	WIR-RME-L	LightGRID+™ External Fixture Module
A34	Arm mt 3.3-4.2" OD pole	BLT	Black Matte Textured	7PR-SC	7 pin PCR with shorting cap	SF	Single Fuse	SCH-R	Occ. Sensor for Round Pole (up to 30' MH)
A46	Arm mt 4.5-6.0" OD pole	DBS	Dark Bronze Gloss Smooth	7PR	7 pin PCR, wireless control enabled	DF	Double Fuse	SCH-S	Occ. Sensor for Square Pole (up to 30' MH)
MAF	Horizontal Slip Fitter 2 3/8" OD arm	DBT	Dark Bronze Matte Textured	AD-01 ²	AstroDIM: 50% output at midnight	TB	Terminal Block	NXOFM2-1R1D-UNV	NX 7-Pin Twist-Lock® with NX Networked Wireless Radio, Integral Automatic Dimming Photocell, Integral Single Pole Relay with Dimming, and Bluetooth Programming
SVSF	Square Vertical Slipfitter for 2"Tenon (2-3/8"OD)	GTT	Graphite Matte Textured	AD-02 ²	AstroDIM: 50% output midnight to 4 AM	CLR ⁵,⁶,¹³	Clear Lens		
VSF	Round Vertical Slipfitter for 2"Tenon (2-3/8"OD)	LGS	Light Grey Gloss Smooth	AD-03 ²	AstroDIM: 50% output 10PM	TPL	Tamper proof latch		
WB	Wall Bracket	LGT	Light Grey Matte Textured	AD-04 ²	AstroDIM: 50% output 10PM to 4AM	CP ⁵,⁶,¹²	Clear Polycarbonate Lens		
		PSS	Platinum Silver Gloss Smooth	NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor				
		VGT	Verde Green Matte Textured	WSP-40F-1 ²,⁵	Dimming Occ. Sensor for up to 40' MH, 120/277/347V				
		WHS	White Gloss Smooth	WSP-40F-2 ²,⁵	Dimming Occ. Sensor for up to 40' MH, 208/240V				
		WHT	White Matte Textured	WSP-40F-3 ²,⁵	Dimming Occ. Sensor for up to 40' MH, 480V				
		Color Option		NXWS16F ²,⁵	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming				
		CC ⁷	Custom Color	NXWS40F ²,⁵	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming				

1. Not available with 5QM, 5QN, and 5W distributions.
2. Not available with other sensor or wireless control options
4. Not available with 347V and 480V.
5. 24L and 56L only
6. Not available with HDL option
7. Consult factory for custom color, marine and corrosive finish options.
8. Turtle Friendly.
9. Please see Delivered Lumens chart on Page 5 for lumen
11. Not available with 24L-65 and the 56L-140 configuration of the LED Engine
12. IK10 rated. Consult factory for details
13. IK08 rated. Consult factory for details

Current

currentlighting.com/kimlighting

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Rev 09/02/25

kl_ur20arm_spec_R08

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

UR20-Arm Mount
ARCHITECTURAL AREA/SITE

DELIVERED LUMENS (CONTINUED)

LEDs #	Lumens Package	Drive Current	Nominal Watts	Lens Options	Distribution	3000K 70CRI					4000K 70CRI					5000K 70CRI				
						Lumen	B	U	G	lm/w	Lumen	B	U	G	lm/w	Lumen	B	U	G	lm/w
56L	15,000	600mA	110	No lens	FR	15041	1	0	2	139	16005	1	0	2	147	15895	1	0	2	146
					FR-BC	9451	0	0	1	87	10056	0	0	1	93	9987	0	0	1	92
					2	13900	2	0	2	128	14791	2	0	2	136	14689	2	0	2	135
					2-BC	8159	0	0	2	75	8682	0	0	2	80	8623	0	0	2	79
					3	13808	2	0	3	127	14692	2	0	3	135	14592	2	0	3	134
					3-BC	8256	1	0	2	75	8785	1	0	2	80	8725	1	0	2	79
					4	13878	1	0	3	128	14768	1	0	3	136	14667	1	0	3	135
					4-BC	10283	1	0	2	95	10942	1	0	3	101	10867	1	0	3	100
					4W	14135	2	0	3	130	15041	2	0	4	139	14938	2	0	3	138
					4W-BC	8877	0	0	2	82	9446	0	0	2	87	9381	0	0	2	86
					5QM	14402	4	0	2	133	15325	4	0	2	141	15220	4	0	2	140
					5QN	14957	4	0	1	138	15915	4	0	1	147	15806	4	0	1	146
					5R	14275	4	0	4	132	15190	4	0	4	140	15086	4	0	4	139
					5W	14120	4	0	2	130	15025	4	0	2	138	14922	4	0	2	138
				clear lens	FR	14230	1	0	1	132	15142	1	0	2	140	15038	1	0	2	139
					FR-BC	8941	0	0	1	83	9514	0	0	1	88	9449	0	0	1	87
					2	13151	2	0	2	122	13994	2	0	2	129	13898	2	0	2	129
					2-BC	7720	0	0	2	71	8215	0	0	2	76	8158	0	0	2	75
					3	13064	2	0	2	121	13901	2	0	2	129	13806	2	0	2	128
					3-BC	7645	1	0	2	69	8135	1	0	2	74	8079	1	0	2	73
					4	13131	1	0	3	121	13972	1	0	3	129	13876	1	0	3	128
					4-BC	9729	1	0	2	90	10353	1	0	2	94	10282	1	0	2	95
					4W	13374	2	0	3	124	14231	2	0	3	132	14134	2	0	3	131
					4W-BC	8399	0	0	2	78	8937	0	0	2	83	8876	0	0	2	82
					5QM	13626	3	0	2	126	14500	4	0	2	134	14400	4	0	2	133
					5QN	14151	4	0	1	131	15058	4	0	1	139	14955	4	0	1	138
					5R	13506	4	0	4	125	14372	4	0	4	133	14273	4	0	4	132
					5W	13359	4	0	2	124	14215	4	0	2	132	14118	4	0	2	131
68L		500mA	115	HDL lens	3	12410	3	0	2	109	13206	3	0	3	116	13115	3	0	3	116
					5W	12691	3	0	2	112	13505	3	0	2	119	13412	3	0	2	118

Scaling factors 27K8 = 0.859, 35K8 = 0.906 of 5K7 lumen packages

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KIMLIGHTING®

UR20-Arm Mount
ARCHITECTURAL AREA/SITE
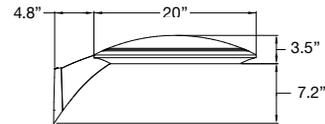
DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

FEATURES

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• High performance optics up to 17,000 delivered lumens

• Elegant form factor

• Diffusion lens option

• UL/cUL listed for wet locations, IP66 and 4G/1.5G vibration rated

c UL us LISTED   ida DARK SKY APPROVED 2016   DLC LISTED   IK10[1]

3000K and warmer CCTs only

OURO™

CONTROL TECHNOLOGY

NX WIRELESS   LIGHTGRID+

	Weight	EPA
UR20	32 lbs / 14.5 kg	0.372 ft.²

4.8"   20"   3.5"   7.2"

SPECIFICATIONS

CONSTRUCTION

• Low copper aluminum alloy die-casting is designed as one-piece with internal cooling fins.

• Solid, cast aluminum wall creates a thermal barrier between the optical and electrical compartments.

• Molded silicone gasket throughout insures the sealing between the two compartments and provides ingress protection.

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• One-piece low copper aluminum alloy die-cast lens frame is secured to housing with 6 screws.

OPTICS

• LEDs mount to a metal printed circuit board assembly (MCPCB).

• Optical lenses are clear injection molded PMMA acrylic.

• Optional Backlight Control on each LED module to completely control unwanted backlight.

LENS

• Standard lens (CLR) IK08

• Clear Polycarbonate Lens (CP) IK10

INSTALLATION

• Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury.

ELECTRICAL

• Universal voltage, 120 through 277V with a ±10% tolerance. Driver is Underwriters Laboratories listed.

• High voltage configurations, 347/480. Driver has a 0-10V dimming interface for multi-level illumination options. Driver is Underwriters Laboratories listed.

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• Surge protection: 10,000k in parallel, 20,000k in series

• Wiring: No. 18AWM rated 105°C, wet rating.

CONTROLS

7PR

• Fully gasketed and wired 7-pin receptacle option. Easy access location above the electrical compartment. 7-pin construction allows for a user-defined interface and provides a controlled definition of operational performance. ANSI twist-lock control module by-others.

Standard customer operation modes:

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[1]Clear Polycarbonate Lens (CP) IK10, Standard lens (CLR) IK08, Consult factory for details

KIM LIGHTING®

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

UR20-Arm Mount
ARCHITECTURAL AREA/SITE

ORDERING GUIDE

Example: UR20-24L-25-3K8-3-L-UNV-ASQ-BLT-7PR-BC

CATALOG #

HOUSING

UR20						
Model		**LED Engine**	**CCT/CRI**	**Distribution**	**Rotation**	**Voltage**
UR20	Ouro	**No Lens or Clear Lens**	AM ¹¹ Amber, 595nm	**No Lens or Clear Lens**	**(Blank)** Blank for no rotation	UNV 120-277V
		24L-25 3,000 lm	27K8 2700K, 80 CRI	FR Type 1/Front Row		347 347V
		24L-65 7,000 lm	3K7 3000K, 70 CRI	2 Type II	L ¹ Optic rotation left	480 480V
		56L-75 10,000 lm	3K8 3000K, 80 CRI	3 Type III	R ¹ Optic rotation right	
		56L-110 15,000 lm	35K8 3500K, 80 CRI	4 Type IV		
		56L-140 17,000 lm	3K9 3000K, 90 CRI	4W Type IV Wide		
		HDL - High Diffusion Lens	4K7 4000K, 70 CRI	5QM Type V Square Medium		
		28L-30 3,000 lm	4K8 4000K, 80 CRI	5QN Type V Square Narrow		
		28L-70 7,000 lm	5K7 5000K, 70 CRI	5R Type V Rectangular		
		68L-80 9,000 lm	Consult factory for other CCTs and CRIs	5W Type V Wide (Round)		
		68L-115 13,000 lm		**HDL - High Diffusion Lens**		
		68L-150 15,000 lm		3 Type III/Asymmetric		
				5W Type V/Symmetric		

Mounting		**Fixture Finish**		**Control Options**		**Options**		**Control Accessories**	
ASQ	Arm Square pole	BLS	Black Gloss Smooth	7PR-TL	7 pin PCR with twist lock photocontrol	BC ⁶	Back-light Control	WIR-RME-L	LightGRID+™ External Fixture Module
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MAF	Horizontal Slip Fitter 2 3/8" OD arm	DBT	Dark Bronze Matte Textured	AD-01 ²	AstroDIM: 50% output at midnight	TB	Terminal Block	NXOFM2-1R1D-UNV	NX 7-Pin Twist-Lock® with NX Networked Wireless Radio, Integral Automatic Dimming Photocell, Integral Single Pole Relay with Dimming, and Bluetooth Programming
SVSF	Square Vertical Slipfitter for 2"Tenon (2-3/8"OD)	GTT	Graphite Matte Textured	AD-02 ²	AstroDIM: 50% output midnight to 4 AM	CLR ⁵,⁶,¹³	Clear Lens		
VSF	Round Vertical Slipfitter for 2"Tenon (2-3/8"OD)	LGS	Light Grey Gloss Smooth	AD-03 ²	AstroDIM: 50% output 10PM	TPL	Tamper proof latch		
WB	Wall Bracket	LGT	Light Grey Matte Textured	AD-04 ²	AstroDIM: 50% output 10PM to 4AM	CP ⁵,⁶,¹²	Clear Polycarbonate Lens		
		PSS	Platinum Silver Gloss Smooth	NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor				
		VGT	Verde Green Matte Textured	WSP-40F-1 ²,⁵	Dimming Occ. Sensor for up to 40' MH, 120/277/347V				
		WHS	White Gloss Smooth	WSP-40F-2 ²,⁵	Dimming Occ. Sensor for up to 40' MH, 208/240V				
		WHT	White Matte Textured	WSP-40F-3 ²,⁵	Dimming Occ. Sensor for up to 40' MH, 480V				
		Color Option		NXWS16F ²,⁵	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming				
		CC ⁷	Custom Color	NXWS40F ²,⁵	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming				

1   Not available with 5QM, 5QN, and 5W distributions.
2   Not available with other sensor or wireless control options
4   Not available with 347V and 480V.
5   24L and 56L only
6   Not available with HDL option
7   Consult factory for custom color, marine and corrosive finish options.

8   Turtle Friendly.
9   Please see Delivered Lumens chart on Page 5 for lumen
11   Not available with 24L-65 and the 56L-140 configuration of the LED Engine
12   IK10 rated. Consult factory for details
13   IK08 rated. Consult factory for details

Current

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kl_ur20arm_spec_R08

KIMLIGHTING®

UR20-Arm Mount
ARCHITECTURAL AREA/SITE

DELIVERED LUMENS (CONTINUED)

LEDs #	Lumens Package	Drive Current	Nominal Watts	Lens Options	Distribution	3000K 70CRI				4000K 70CRI				5000K 70CRI			
						Lumen	B	U	G	lm/w	Lumen	B	U	G	lm/w	Lumen	B	U	G	lm/w
56L	15,000	600mA	110	No lens	FR	15041	1	0	2	139	16005	1	0	2	147	15895	1	0	2	146
					FR-BC	9451	0	0	1	87	10056	0	0	1	93	9987	0	0	1	92
					2	13900	2	0	2	128	14791	2	0	2	136	14689	2	0	2	135
					2-BC	8159	0	0	2	75	8682	0	0	2	80	8623	0	0	2	79
					3	13808	2	0	3	127	14692	2	0	3	135	14592	2	0	3	134
					3-BC	8256	1	0	2	75	8785	1	0	2	80	8725	1	0	2	79
					4	13878	1	0	3	128	14768	1	0	3	136	14667	1	0	3	135
					4-BC	10283	1	0	2	95	10942	1	0	3	101	10867	1	0	3	100
					4W	14135	2	0	3	130	15041	2	0	4	139	14938	2	0	3	138
					4W-BC	8877	0	0	2	82	9446	0	0	2	87	9381	0	0	2	86
					5QM	14402	4	0	2	133	15325	4	0	2	141	15220	4	0	2	140
					5QN	14957	4	0	1	138	15915	4	0	1	147	15806	4	0	1	146
					5R	14275	4	0	4	132	15190	4	0	4	140	15086	4	0	4	139
					5W	14120	4	0	2	130	15025	4	0	2	138	14922	4	0	2	138
				clear lens	FR	14230	1	0	1	132	15142	1	0	2	140	15038	1	0	2	139
					FR-BC	8941	0	0	1	83	9514	0	0	1	88	9449	0	0	1	87
					2	13151	2	0	2	122	13994	2	0	2	129	13898	2	0	2	129
					2-BC	7720	0	0	2	71	8215	0	0	2	76	8158	0	0	2	75
					3	13064	2	0	2	121	13901	2	0	2	129	13806	2	0	2	128
					3-BC	7645	1	0	2	69	8135	1	0	2	74	8079	1	0	2	73
					4	13131	1	0	3	121	13972	1	0	3	129	13876	1	0	3	128
					4-BC	9729	1	0	2	90	10353	1	0	2	94	10282	1	0	2	95
					4W	13374	2	0	3	124	14231	2	0	3	132	14134	2	0	3	131
					4W-BC	8399	0	0	2	78	8937	0	0	2	83	8876	0	0	2	82
					5QM	13626	3	0	2	126	14500	4	0	2	134	14400	4	0	2	133
					5QN	14151	4	0	1	131	15058	4	0	1	139	14955	4	0	1	138
					5R	13506	4	0	4	125	14372	4	0	4	133	14273	4	0	4	132
					5W	13359	4	0	2	124	14215	4	0	2	132	14118	4	0	2	131
68L		500mA	115	HDL lens	3	12410	3	0	2	109	13206	3	0	3	116	13115	3	0	3	116
					5W	12691	3	0	2	112	13505	3	0	2	119	13412	3	0	2	118

Scaling factors 27K8 = 0.859, 35K8 = 0.906 of 5K7 lumen packages

Current

KIM LIGHTING®

UR20-Arm Mount
ARCHITECTURAL AREA/SITE

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

OURO™

FEATURES

• 20″ size in post top, pole and wall mount

• High performance optics up to 17,000 delivered lumens

• Elegant form factor

• Diffusion lens option

• UL/cUL listed for wet locations, IP66 and 4G/1.5G vibration rated

cULus LISTED   ida DARK SKY APPROVED 2016   DLC LISTED   IK10 [1]

3000K and warmer CCTs only

CONTROL TECHNOLOGY

NX WIRELESS   LIGHTGRID+

4.8″   20″   3.5″   7.2″

	Weight	EPA
UR20	32 lbs / 14.5 kg	0.372 ft.^{2}

SPECIFICATIONS

CONSTRUCTION

• Low copper aluminum alloy die-casting is designed as one-piece with internal cooling fins.

• Solid, cast aluminum wall creates a thermal barrier between the optical and electrical compartments.

• Molded silicone gasket throughout insures the sealing between the two compartments and provides ingress protection.

• Housing is designed with integral LED heat sink utilized for thermal transfer and for securing the location of each LED module.

• All external fasteners are stainless steel.

• One-piece low copper aluminum alloy die-cast lens frame is secured to housing with 6 screws.
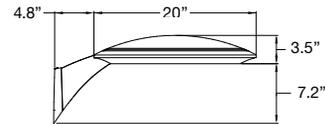
OPTICS

• LEDs mount to a metal printed circuit board assembly (MCPCB).

• Optical lenses are clear injection molded PMMA acrylic.

• Optional Backlight Control on each LED module to completely control unwanted backlight.

LENS

• Standard lens (CLR) IK08

• Clear Polycarbonate Lens (CP) IK10

INSTALLATION

• Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury.

ELECTRICAL

• Universal voltage, 120 through 277V with a ±10% tolerance. Driver is Underwriters Laboratories listed.

• High voltage configurations, 347/480. Driver has a 0-10V dimming interface for multi-level illumination options. Driver is Underwriters Laboratories listed.

• "Thermal Shield", secondary side, thermistor provides protection for the sustainable life of LED module and electronic components

• Drivers shall have greater than a 0.9 power factor, less than 20% harmonic distortion, and be suitable for operation in -40°C to 40°C ambient environments.

• Luminaire shall be capable of operating at 100% brightness in a 40°C environment. Both driver and optical array have integral thermal protection that will dim the luminaire upon detection of temperatures in excess of 85°C.

• Surge protection: 10,000k in parallel, 20,000k in series

• Wiring: No. 18AWM rated 105°C, wet rating.

CONTROLS

7PR

• Fully gasketed and wired 7-pin receptacle option. Easy access location above the electrical compartment. 7-pin construction allows for a user-defined interface and provides a controlled definition of operational performance. ANSI twist-lock control module by-others.

Standard customer operation modes:

• Traditional on/off photoelectric control.

• 5-pin wireless photoelectric control for added dimming feature.

• 7-pin wireless photoelectric control for dimming and additional I/O connections for customer use.

[1]Clear Polycarbonate Lens (CP) IK10, Standard lens (CLR) IK08, Consult factory for details

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Current

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

UR20-Arm Mount
ARCHITECTURAL AREA/SITE

ORDERING GUIDE

Example: UR20-24L-25-3K8-3-L-UNV-ASQ-BLT-7PR-BC

CATALOG #

HOUSING

UR20								

Model		LED Engine		CCT/CRI		Distribution		Rotation		Voltage	
UR20	Ouro	**No Lens or Clear Lens**		**AM** [11]	Amber, 595nm	**No Lens or Clear Lens**		**(Blank)**	Blank for no rotation	**UNV**	120-277V
		24L-25	3,000 lm	27K8	2700K, 80 CRI	FR	Type 1/Front Row			347	347V
		24L-65	7,000 lm	3K7	3000K, 70 CRI	2	Type II	**L** [1]	Optic rotation left	480	480V
		56L-75	10,000 lm	3K8	3000K, 80 CRI	3	Type III	**R** [1]	Optic rotation right		
		56L-110	15,000 lm	35K8	3500K, 80 CRI	4	Type IV				
		56L-140	17,000 lm	3K9	3000K, 90 CRI	4W	Type IV Wide				
		HDL - High Diffusion Lens		4K7	4000K, 70 CRI	5QM	Type V Square Medium				
		28L-30	3,000 lm	4K8	4000K, 80 CRI	5QN	Type V Square Narrow				
		28L-70	7,000 lm	5K7	5000K, 70 CRI	5R	Type V Rectangular				
		68L-80	9,000 lm	Consult factory for other CCTs and CRIs		5W	Type V Wide (Round)				
		68L-115	13,000 lm			**HDL - High Diffusion Lens**					
		68L-150	15,000 lm			3	Type III/Asymmetric				
						5W	Type V/Symmetric				

Mounting		Fixture Finish		Control Options		Options		Control Accessories	
ASQ	Arm Square pole	BLS	Black Gloss Smooth	7PR-TL	7 pin PCR with twist lock photocontrol	BC [6]	Back-light Control	WIR-RME-L	LightGRID+™ External Fixture Module
A34	Arm mt 3.3-4.2" OD pole	BLT	Black Matte Textured	7PR-SC	7 pin PCR with shorting cap	SF	Single Fuse	SCH-R	Occ. Sensor for Round Pole (up to 30' MH)
A46	Arm mt 4.5-6.0" OD pole	DBS	Dark Bronze Gloss Smooth	7PR	7 pin PCR, wireless control enabled	DF	Double Fuse	SCH-S	Occ. Sensor for Square Pole (up to 30' MH)
MAF	Horizontal Slip Fitter 2 3/8" OD arm	DBT	Dark Bronze Matte Textured	AD-01 [2]	AstroDIM: 50% output at midnight	TB	Terminal Block	NXOFM2-1R1D-UNV	NX 7-Pin Twist-Lock® with NX Networked Wireless Radio, Integral Automatic Dimming Photocell, Integral Single Pole Relay with Dimming, and Bluetooth Programming
SVSF	Square Vertical Slipfitter for 2"Tenon (2-3/8"OD)	GTT	Graphite Matte Textured	AD-02 [2]	AstroDIM: 50% output midnight to 4 AM	CLR [5,6,13]	Clear Lens		
VSF	Round Vertical Slipfitter for 2"Tenon (2-3/8"OD)	LGS	Light Grey Gloss Smooth	AD-03 [2]	AstroDIM: 50% output 10PM	TPL	Tamper proof latch		
WB	Wall Bracket	LGT	Light Grey Matte Textured	AD-04 [2]	AstroDIM: 50% output 10PM to 4AM	CP [5,6,12]	Clear Polycarbonate Lens		
		PSS	Platinum Silver Gloss Smooth	NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor				
		VGT	Verde Green Matte Textured	WSP-40F-1 [2,5]	Dimming Occ. Sensor for up to 40' MH, 120/277/347V				
		WHS	White Gloss Smooth	WSP-40F-2 [2,5]	Dimming Occ. Sensor for up to 40' MH, 208/240V				
		WHT	White Matte Textured	WSP-40F-3 [2,5]	Dimming Occ. Sensor for up to 40' MH, 480V				
		Color Option		NXWS16F [2,5]	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming				
		CC [7]	Custom Color	NXWS40F [2,5]	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming				

1   Not available with 5QM, 5QN, and 5W distributions.
2   Not available with other sensor or wireless control options
4   Not available with 347V and 480V.
5   24L and 56L only
6   Not available with HDL option
7   Consult factory for custom color, marine and corrosive finish options.

8   Turtle Friendly.
9   Please see Delivered Lumens chart on Page 5 for lumen
11 Not available with 24L-65 and the 56L-140 configuration of the LED Engine
12 IK10 rated. Consult factory for details
13 IK08 rated. Consult factory for details

kl_ur20arm_spec_R08

DATE:

LOCATION:

TYPE:

PROJECT:

CATALOG #:

UR20-Arm Mount
ARCHITECTURAL AREA/SITE

DELIVERED LUMENS (CONTINUED)

LEDs #	Lumens Package	Drive Current	Nominal Watts	Lens Options	Distribution	3000K 70CRI					4000K 70CRI					5000K 70CRI				
						Lumen	B	U	G	lm/w	Lumen	B	U	G	lm/w	Lumen	B	U	G	lm/w
56L	15,000	600mA	110	No lens	FR	15041	1	0	2	139	16005	1	0	2	147	15895	1	0	2	146
					FR-BC	9451	0	0	1	87	10056	0	0	1	93	9987	0	0	1	92
					2	13900	2	0	2	128	14791	2	0	2	136	14689	2	0	2	135
					2-BC	8159	0	0	2	75	8682	0	0	2	80	8623	0	0	2	79
					3	13808	2	0	3	127	14692	2	0	3	135	14592	2	0	3	134
					3-BC	8256	1	0	2	75	8785	1	0	2	80	8725	1	0	2	79
					4	13878	1	0	3	128	14768	1	0	3	136	14667	1	0	3	135
					4-BC	10283	1	0	2	95	10942	1	0	3	101	10867	1	0	3	100
					4W	14135	2	0	3	130	15041	2	0	4	139	14938	2	0	3	138
					4W-BC	8877	0	0	2	82	9446	0	0	2	87	9381	0	0	2	86
					5QM	14402	4	0	2	133	15325	4	0	2	141	15220	4	0	2	140
					5QN	14957	4	0	1	138	15915	4	0	1	147	15806	4	0	1	146
					5R	14275	4	0	4	132	15190	4	0	4	140	15086	4	0	4	139
					5W	14120	4	0	2	130	15025	4	0	2	138	14922	4	0	2	138
				clear lens	FR	14230	1	0	1	132	15142	1	0	2	140	15038	1	0	2	139
					FR-BC	8941	0	0	1	83	9514	0	0	1	88	9449	0	0	1	87
					2	13151	2	0	2	122	13994	2	0	2	129	13898	2	0	2	129
					2-BC	7720	0	0	2	71	8215	0	0	2	76	8158	0	0	2	75
					3	13064	2	0	2	121	13901	2	0	2	129	13806	2	0	2	128
					3-BC	7645	1	0	2	69	8135	1	0	2	74	8079	1	0	2	73
					4	13131	1	0	3	121	13972	1	0	3	129	13876	1	0	3	128
					4-BC	9729	1	0	2	90	10353	1	0	2	94	10282	1	0	2	95
					4W	13374	2	0	3	124	14231	2	0	3	132	14134	2	0	3	131
					4W-BC	8399	0	0	2	78	8937	0	0	2	83	8876	0	0	2	82
					5QM	13626	3	0	2	126	14500	4	0	2	134	14400	4	0	2	133
					5QN	14151	4	0	1	131	15058	4	0	1	139	14955	4	0	1	138
					5R	13506	4	0	4	125	14372	4	0	4	133	14273	4	0	4	132
					5W	13359	4	0	2	124	14215	4	0	2	132	14118	4	0	2	131
68L		500mA	115	HDL lens	3	12410	3	0	2	109	13206	3	0	3	116	13115	3	0	3	116
					5W	12691	3	0	2	112	13505	3	0	2	119	13412	3	0	2	118

Scaling factors 27K8 = 0.859, 35K8 = 0.906 of 5K7 lumen packages

kl_ur20arm_spec_R08

KIM LIGHTING®

UR20-Arm Mount
ARCHITECTURAL AREA/SITE

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

OURO™

FEATURES

• 20″ size in post top, pole and wall mount

• High performance optics up to 17,000 delivered lumens

• Elegant form factor

• Diffusion lens option

• UL/cUL listed for wet locations, IP66 and 4G/1.5G vibration rated

c(UL)us LISTED   ida DARK SKY APPROVED 2016   DLC LISTED   IK10¹

3000K and warmer CCTs only

CONTROL TECHNOLOGY

NX WIRELESS   LIGHT**GRID**⁺

4.8" — 20" — 3.5" / 7.2"

	Weight	EPA
UR20	32 lbs / 14.5 kg	0.372 ft.²

SPECIFICATIONS

CONSTRUCTION
• Low copper aluminum alloy die-casting is designed as one-piece with internal cooling fins.

• Solid, cast aluminum wall creates a thermal barrier between the optical and electrical compartments.

• Molded silicone gasket throughout insures the sealing between the two compartments and provides ingress protection.

• Housing is designed with integral LED heat sink utilized for thermal transfer and for securing the location of each LED module.

• All external fasteners are stainless steel.

• One-piece low copper aluminum alloy die-cast lens frame is secured to housing with 6 screws.
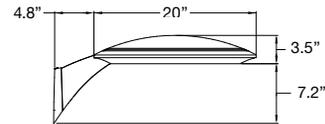
OPTICS
• LEDs mount to a metal printed circuit board assembly (MCPCB).

• Optical lenses are clear injection molded PMMA acrylic.

• Optional Backlight Control on each LED module to completely control unwanted backlight.

LENS
• Standard lens (CLR) IK08

• Clear Polycarbonate Lens (CP) IK10

INSTALLATION
• Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury.

ELECTRICAL
• Universal voltage, 120 through 277V with a ±10% tolerance. Driver is Underwriters Laboratories listed.

• High voltage configurations, 347/480. Driver has a 0-10V dimming interface for multi-level illumination options. Driver is Underwriters Laboratories listed.

• "Thermal Shield", secondary side, thermistor provides protection for the sustainable life of LED module and electronic components

• Drivers shall have greater than a 0.9 power factor, less than 20% harmonic distortion, and be suitable for operation in -40°C to 40°C ambient environments.

• Luminaire shall be capable of operating at 100% brightness in a 40°C environment. Both driver and optical array have integral thermal protection that will dim the luminaire upon detection of temperatures in excess of 85°C.

• Surge protection: 10,000k in parallel, 20,000k in series

• Wiring: No. 18AWM rated 105°C, wet rating.

CONTROLS
7PR
• Fully gasketed and wired 7-pin receptacle option. Easy access location above the electrical compartment. 7-pin construction allows for a user-defined interface and provides a controlled definition of operational performance. ANSI twist-lock control module by-others.

Standard customer operation modes:

• Traditional on/off photoelectric control.

• 5-pin wireless photoelectric control for added dimming feature.

• 7-pin wireless photoelectric control for for dimming and additional I/O connections for customer use.

¹Clear Polycarbonate Lens (CP) IK10, Standard lens (CLR) IK08, Consult factory for details

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Current⊙

KIM LIGHTING®

UR20-Arm Mount
ARCHITECTURAL AREA/SITE

ORDERING GUIDE

Example: UR20-24L-25-3K8-3-L-UNV-ASQ-BLT-7PR-BC

CATALOG #

HOUSING

UR20								

Model		LED Engine		CCT/CRI		Distribution		Rotation		Voltage	
UR20	Ouro	**No Lens or Clear Lens**		AM ¹¹	Amber, 595nm	**No Lens or Clear Lens**		(Blank)	Blank for no rotation	UNV	120-277V
		24L-25	3,000 lm	27K8	2700K, 80 CRI	FR	Type 1/Front Row			347	347V
		24L-65	7,000 lm	3K7	3000K, 70 CRI	2	Type II	L ¹	Optic rotation left	480	480V
		56L-75	10,000 lm	3K8	3000K, 80 CRI	3	Type III	R ¹	Optic rotation right		
		56L-110	15,000 lm	35K8	3500K, 80 CRI	4	Type IV				
		56L-140	17,000 lm	3K9	3000K, 90 CRI	4W	Type IV Wide				
		HDL - High Diffusion Lens		4K7	4000K, 70 CRI	5QM	Type V Square Medium				
		28L-30	3,000 lm	4K8	4000K, 80 CRI	5QN	Type V Square Narrow				
		28L-70	7,000 lm	5K7	5000K, 70 CRI	5R	Type V Rectangular				
		68L-80	9,000 lm	Consult factory for other CCTs and CRIs		5W	Type V Wide (Round)				
		68L-115	13,000 lm			**HDL - High Diffusion Lens**					
		68L-150	15,000 lm			3	Type III/Asymmetric				
						5W	Type V/Symmetric				

Mounting		Fixture Finish		Control Options		Options		Control Accessories	
ASQ	Arm Square pole	BLS	Black Gloss Smooth	7PR-TL	7 pin PCR with twist lock photocontrol	BC ⁶	Back-light Control	WIR-RME-L	LightGRID+™ External Fixture Module
A34	Arm mt 3.3-4.2" OD pole	BLT	Black Matte Textured	7PR-SC	7 pin PCR with shorting cap	SF	Single Fuse	SCH-R	Occ. Sensor for Round Pole (up to 30' MH)
A46	Arm mt 4.5-6.0" OD pole	DBS	Dark Bronze Gloss Smooth	7PR	7 pin PCR, wireless control enabled	DF	Double Fuse	SCH-S	Occ. Sensor for Square Pole (up to 30' MH)
MAF	Horizontal Slip Fitter 2 3/8" OD arm	DBT	Dark Bronze Matte Textured	AD-01 ²	AstroDIM: 50% output at midnight	TB	Terminal Block	NXOFM2-1R1D-UNV	NX 7-Pin Twist-Lock® with NX Networked Wireless Radio, Integral Automatic Dimming Photocell, Integral Single Pole Relay with Dimming, and Bluetooth Programming
SVSF	Square Vertical Slipfitter for 2"Tenon (2-3/8"OD)	GTT	Graphite Matte Textured	AD-02 ²	AstroDIM: 50% output midnight to 4 AM	CLR ⁵,⁶,¹³	Clear Lens		
VSF	Round Vertical Slipfitter for 2"Tenon (2-3/8"OD)	LGS	Light Grey Gloss Smooth	AD-03 ²	AstroDIM: 50% output 10PM	TPL	Tamper proof latch		
WB	Wall Bracket	LGT	Light Grey Matte Textured	AD-04 ²	AstroDIM: 50% output 10PM to 4AM	CP ⁵,⁶,¹²	Clear Polycarbonate Lens		
		PSS	Platinum Silver Gloss Smooth	NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor				
		VGT	Verde Green Matte Textured	WSP-40F-1 ²,⁵	Dimming Occ. Sensor for up to 40' MH, 120/277/347V				
		WHS	White Gloss Smooth	WSP-40F-2 ²,⁵	Dimming Occ. Sensor for up to 40' MH, 208/240V				
		WHT	White Matte Textured	WSP-40F-3 ²,⁵	Dimming Occ. Sensor for up to 40' MH, 480V				
		Color Option		NXWS16F ²,⁵	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming				
		CC ⁷	Custom Color	NXWS40F ²,⁵	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming				

1 Not available with 5QM, 5QN, and 5W distributions.
2 Not available with other sensor or wireless control options
4 Not available with 347V and 480V.
5 24L and 56L only
6 Not available with HDL option
7 Consult factory for custom color, marine and corrosive finish options.

8 Turtle Friendly.
9 Please see Delivered Lumens chart on Page 5 for lumen
11 Not available with 24L-65 and the 56L-140 configuration of the LED Engine
12 IK10 rated. Consult factory for details
13 IK08 rated. Consult factory for details

Current

kl_ur20arm_spec_R08

UR20-Arm Mount
ARCHITECTURAL AREA/SITE

DELIVERED LUMENS (CONTINUED)

LEDs #	Lumens Package	Drive Current	Nominal Watts	Lens Options	Distribution	3000K 70CRI				4000K 70CRI				5000K 70CRI			
						Lumen	B	U	G	Lumen	B	U	G	Lumen	B	U	G
							(BUG Rating)		lm/w		(BUG Rating)		lm/w		(BUG Rating)		lm/w
56L	15,000	600mA	110	No lens	FR	15041	1	0	2	139	16005	1	0	2	147	15895	1	0	2	146
					FR-BC	9451	0	0	1	87	10056	0	0	1	93	9987	0	0	1	92
					2	13900	2	0	2	128	14791	2	0	2	136	14689	2	0	2	135
					2-BC	8159	0	0	2	75	8682	0	0	2	80	8623	0	0	2	79
					3	13808	2	0	3	127	14692	2	0	3	135	14592	2	0	3	134
					3-BC	8256	1	0	2	75	8785	1	0	2	80	8725	1	0	2	79
					4	13878	1	0	3	128	14768	1	0	3	136	14667	1	0	3	135
					4-BC	10283	1	0	2	95	10942	1	0	3	101	10867	1	0	3	100
					4W	14135	2	0	3	130	15041	2	0	4	139	14938	2	0	3	138
					4W-BC	8877	0	0	2	82	9446	0	0	2	87	9381	0	0	2	86
					5QM	14402	4	0	2	133	15325	4	0	2	141	15220	4	0	2	140
					5QN	14957	4	0	1	138	15915	4	0	1	147	15806	4	0	1	146
					5R	14275	4	0	4	132	15190	4	0	4	140	15086	4	0	4	139
					5W	14120	4	0	2	130	15025	4	0	2	138	14922	4	0	2	138
				clear lens	FR	14230	1	0	1	132	15142	1	0	2	140	15038	1	0	2	139
					FR-BC	8941	0	0	1	83	9514	0	0	1	88	9449	0	0	1	87
					2	13151	2	0	2	122	13994	2	0	2	129	13898	2	0	2	129
					2-BC	7720	0	0	2	71	8215	0	0	2	76	8158	0	0	2	75
					3	13064	2	0	2	121	13901	2	0	2	129	13806	2	0	2	128
					3-BC	7645	1	0	2	69	8135	1	0	2	74	8079	1	0	2	73
					4	13131	1	0	3	121	13972	1	0	3	129	13876	1	0	3	128
					4-BC	9729	1	0	2	90	10353	1	0	2	94	10282	1	0	2	95
					4W	13374	2	0	3	124	14231	2	0	3	132	14134	2	0	3	131
					4W-BC	8399	0	0	2	78	8937	0	0	2	83	8876	0	0	2	82
					5QM	13626	3	0	2	126	14500	4	0	2	134	14400	4	0	2	133
					5QN	14151	4	0	1	131	15058	4	0	1	139	14955	4	0	1	138
					5R	13506	4	0	4	125	14372	4	0	4	133	14273	4	0	4	132
					5W	13359	4	0	2	124	14215	4	0	2	132	14118	4	0	2	131
68L		500mA	115	HDL lens	3	12410	3	0	2	109	13206	3	0	3	116	13115	3	0	3	116
					5W	12691	3	0	2	112	13505	3	0	2	119	13412	3	0	2	118

Scaling factors 27K8 = 0.859, 35K8 = 0.906 of 5K7 lumen packages

KIM LIGHTING

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

UR20 - Post Top
ARCHITECTURAL AREA/SITE

OURO™

FEATURES

- 20" size in single/dual arm post top, pole and wall mount
- High performance optics up to 16,874 delivered lumens
- Elegant form factor
- Diffusion lens option
- UL/cUL listed for wet locations, IP66 and 4G/1.5G vibration rated

c UL us LISTED   ida DARK SKY APPROVED 2016   DLC LISTED™   IK10 [1]

3000K and warmer CCTs only

CONTROL TECHNOLOGY

NX WIRELESS   LIGHTGRID+

SPECIFICATIONS

CONSTRUCTION
- Low copper aluminum alloy die-casting is designed as one-piece.
- Molded silicone gasket throughout insures the sealing between the two compartments and provides ingress protection.
- All external fasteners are stainless steel.
- Cover is secured to Lens frame by the latch and hinge.

OPTICS
- LEDs mount to a metal printed circuit board assembly (MCPCB).
- Optical lenses are clear injection molded PMMA acrylic.
- Optional Backlight Control on each LED module to completely control unwanted backlight.
- Optional fixture finish optical surfaces will not exceed BUG ratings of the standard white finish.

LENS
- Standard lens (CLR) IK08
- Clear Polycarbonate Lens (CP) IK10

INSTALLATION
- Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury.

ELECTRICAL
- Universal voltage, 120 through 277V with a ±10% tolerance. Driver is Underwriters Laboratories listed.
- High voltage configurations, 347/480. Driver has a 0-10V dimming interface for multi-level illumination options. Driver is Underwriters Laboratories listed.
- "Thermal Shield", secondary side, thermistor provides protection for the sustainable life of LED module and electronic components
- Drivers shall have greater than a 0.9 power factor, less than 20% harmonic distortion, and be suitable for operation in -40°C to 40°C ambient environments.
- Luminaire shall be capable of operating at 100% brightness in a 40°C environment. Both driver and optical array have integral thermal protection that will dim the luminaire upon detection of temperatures in excess of 85°C.
- Surge protection: 10,000k in parallel, 20,000k in series
- Wiring: No. 18AWM rated 105°C, wet rating.

CONTROLS
7PR
- Fully gasketed and wired 7-pin receptacle option. Easy access location above the electrical compartment. 7-pin construction allows for a user-defined interface and provides a controlled definition of operational performance. ANSI twist-lock control module by-others.

Standard customer operation modes:

- Traditional on/off photoelectric control.
- 5-pin wireless photoelectric control for added dimming feature.
- 7-pin wireless photoelectric control for dimming and additional I/O connections for customer use.

FM33

20" — 3.5"

24"

3"

FMSA33/PTSA23
FMSA34, PTSA24, PTSA34

20"

24"

	Weight	EPA
UR20	35 lbs / 15.8 kg	0.512 ft.²

Current ⊙

currentlighting.com/kimlighting

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KIM LIGHTING

UR20 - Post Top
ARCHITECTURAL AREA/SITE

ORDERING GUIDE

Example: UR20-24L-25-3K8-3-L-UNV-FMSA33-BLT-7PR-BC

CATALOG #

HOUSING

UR20						
Model		**LED Engine**	**CCT/CRI**		**Distribution**	**Rotation**	**Voltage**

Model		LED Engine		CCT/CRI		Distribution		Rotation		Voltage	
UR20	Ouro	**No Lens or Clear Lens**		**AM** [1,2]	Amber, 595nm	**No Lens or Clear Lens**		**(Blank)**	Blank for no rotation	**UNV**	120-277V
		24L-25	3,000 lm	27K8	2700K, 80 CRI	FR	Type 1/Front Row			347	347V
		24L-65	7,000 lm	3K7	3000K, 70 CRI	2	Type II	**L** [4]	Optic rotation left	480	480V
		56L-75	10,000 lm	3K8	3000K, 80 CRI	3	Type III	**R** [4]	Optic rotation right	**Consult factory**	
		56L-110	15,000 lm	35K8	3500K, 80 CRI	4	Type IV				
		56L-140	17,000 lm	3K9	3000K, 90 CRI	4W	Type IV Wide				
		HDL - High Diffusion Lens		4K7	4000K, 70 CRI	5QM [3]	Type V Square Medium				
		28L-30	3,000 lm	4K8	4000K, 80 CRI	5QN [3]	Type V Square Narrow				
		28L-70	7,000 lm	5K7	5000K, 70 CRI	5R [3]	Type V Rectangular				
		68L-80	9,000 lm	**Consult factory for other CCTs and CRIs**		5W [3]	Type V Wide (Round)				
		68L-115	13,000 lm			**HDL - High Diffusion Lens**					
		68L-150	15,000 lm			3	Type III/Asymmetric				
						5W [3]	Type V/Symmetric				

Mounting		Fixture Finish		Control Options		Options		Control Accessories	
FM33	Flush mt 3.0" OD pole, 3" fixture base	BLS	Black Gloss Smooth	7PR-TL	7 pin PCR with twist lock photocontrol	BC [9]	Back-light Control	WIR-RME-L	LightGRID+™ External Fixture Module
FM44	Flush mt 3.6" to 4.0" OD pole, 4" fixture base	BLT	Black Matte Textured	7PR-SC	7 pin PCR with shorting cap	SF	Single Fuse	SCH-R	Occ. Sensor for Round Pole (up to 30' MH)
PT23	3" Post Top mount for 2 3/8" OD x 4" Long Tenon Tenon	DBS	Dark Bronze Gloss Smooth	7PR	7 pin PCR, wireless control enabled	DF	Double Fuse		
		DBT	Dark Bronze Matte Textured			CLR [8,9,10]	Clear Lens	SCH-S	Occ. Sensor for Square Pole (up to 30' MH)
PT24	4" Post Top mount for 2 3/8" OD T x 4" Long Tenon	GTT	Graphite Matte Textured	AD-01 [6]	AstroDIM: 50% output at midnight	TPL	Tamper proof latch		
PT34	4" Post Top mount for 2 7/8" OD x 4" Long Tenon Tenon	LGS	Light Grey Gloss Smooth	AD-02 [6]	AstroDIM: 50% output midnight to 4 AM	CP [8,9,11]	Clear Polycarbonate Lens	NXOFM-1R1D-UNV	NX 7-Pin Twist-Lock® with NX Networked Wireless Radio, Integral Automatic Dimming Photocell, Integral Single Pole Relay with Dimming, and Bluetooth Programming
FMSA33	Solo Arm Post Top Flush Mount 3.0" OD Pole, 3" fixture base	LGT	Light Grey Matte Textured	AD-03 [6]	AstroDIM: 50% output 10PM				
FMSA44	Solo Arm Post Top Flush Mount 3.6" to 4.0" OD Pole, 4" fixture base	PSS	Platinum Silver Gloss Smooth	AD-04 [6]	AstroDIM: 50% output 10PM to 4AM	WBFM3	Wall Bracket Arm for FM33 or FMSA33		
		VGT	Verde Green Matte Textured	NXW [7]	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor	WBFM4	Wall Bracket Arm for FM44 or FMSA44		
PTSA23	3" Solo Arm Post Top Mount for 2-3/8" OD x 4" Long Tenon	WHS	White Gloss Smooth	WSP-40F-1 [6,8]	Dimming Occ. Sensor for up to 40' MH, 120/277/347V				
PTSA24	4" Solo Arm Post Top Mount for 2-3/8" OD x 4" Long Tenon	WHT	White Matte Textured	WSP-40F-2 [6,8]	Dimming Occ. Sensor for up to 40' MH, 208/240V	TAFM3 [12,13]	Twin Arm mount for FM33 or FMSA33		
PTSA34	4" Solo Arm Post Top Mount for 2-7/8" OD x 4" Long Tenon	**Color Option**		WSP-40F-3 [6,8]	Dimming Occ. Sensor for up to 40' MH, 480V	TAFM4 [12,13]	Twin Arm mount for FM44 or FMSA44		
		CC [5]	Custom Color	NXWS16F [6,7,8]	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming				
				NXWS40F [6,7,8]	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming				

1   Turtle Friendly.
2   Not available with 24L-65 and the 56L-140 configuration of the LED Engine
3   Not available with BC option
4   Not available with 5QM, 5QN, and 5W distributions.
5   Consult factory for custom color, marine and corrosive finish options.
6   Not available with other sensor or wireless control options.
7   Not available with Solo Arm Post Top (FMSA/PTSA)

8   24L and 56L only
9   Not available with HDL option.
10   IK08 rated. Consult factory for details
11   IK10 rated. Consult factory for details
12   Pole requires 2-3/8"x 4" Long tenon
13   Order one for each pair of fixtures per pole.

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KIM LIGHTING

UR20 - Post Top
ARCHITECTURAL AREA/SITE

DELIVERED LUMENS (CONTINUED)

LEDs #	Lumens Package	Drive Current	Nominal Watts	Lens Options	Distribution	3000K 70CRI					4000K 70CRI					5000K 70CRI				
						Lumen	B	U	G	lm/w	Lumen	B	U	G	lm/w	Lumen	B	U	G	lm/w
24L	7,000	800mA	65	No lens	FR	6754	1	0	1	104	7187	1	0	1	111	7138	1	0	1	110
					FR-BC	4392	0	0	1	68	4673	0	0	1	72	4641	0	0	1	71
					2	6571	1	0	2	101	6992	1	0	2	108	6944	1	0	2	107
					2-BC	3799	0	0	1	58	4042	0	0	1	62	4014	0	0	1	62
					3	6625	1	0	2	102	7051	1	0	2	108	7002	1	0	2	108
					3BC	4032	0	0	1	62	4291	0	0	1	66	4261	0	0	1	66
					4	6788	1	0	2	104	7223	1	0	2	111	7174	1	0	2	110
					4-BC	4924	0	0	2	76	5239	0	0	2	81	5203	0	0	2	80
					4W	6900	1	0	2	106	7343	1	0	2	113	7291	1	0	2	112
					4W-BC	4212	0	0	2	65	4482	0	0	2	69	4451	0	0	2	68
					5QM	7025	3	0	1	108	7477	3	0	1	115	7425	3	0	1	114
					5QN	6964	3	0	1	107	7410	3	0	1	114	7323	3	0	1	113
					5R	7038	3	0	3	108	7489	3	0	3	115	7437	3	0	3	114
					5W	7011	3	0	2	108	7460	3	0	2	115	7409	3	0	2	114
				Clear lens	FR	6432	1	0	1	97	6844	1	0	1	104	6798	1	0	1	105
					FR-BC	4182	0	0	1	63	4450	0	0	1	67	4420	0	0	1	67
					2	6258	1	0	1	95	6659	1	0	2	101	6613	1	0	2	102
					2-BC	3617	0	0	1	55	3849	0	0	1	58	3823	0	0	1	58
					3	6310	1	0	2	96	6714	1	0	2	102	6668	1	0	2	103
					3-BC	3599	0	0	1	55	3829	0	0	1	59	3803	0	0	1	59
					4	6465	1	0	2	98	6879	1	0	2	104	6832	1	0	2	105
					4-BC	4688	0	0	2	71	4990	0	0	2	76	4955	0	0	2	75
					4W	6572	1	0	2	100	6993	1	0	2	106	6944	1	0	2	107
					4W-BC	4011	0	0	2	61	4268	0	0	2	65	4238	0	0	2	64
					5QM	6691	3	0	1	101	7119	3	0	1	108	7070	3	0	1	109
					5QN	6632	2	0	1	100	7058	3	0	1	107	7009	3	0	1	108
					5R	6702	3	0	3	102	7131	3	0	3	108	7082	3	0	3	109
					5W	6676	3	0	2	101	7104	3	0	2	108	7055	3	0	2	109
28L		700mA	70	HDL lens	3	6047	2	0	2	92	6047	2	0	2	92	6236	2	0	2	89
					5W	6221	2	0	1	94	6619	2	0	1	100	6525	2	0	1	93

Scaling factors 27K8 = 0.859, 35K8 = 0.906 of 5K7 lumen packages

Current

kl_ur20post_spec_R08

LUMINIS®

**SL-4
(CANOPY MOUNT UNDER 10 FEET)
3695 LUMENS
BUG RATING = B1-UO-G1**

CT100
CLERMONT
CEILING

PROJECT NAME: | **QUANTITY:** | **TYPE:**

ORDERING CODE:
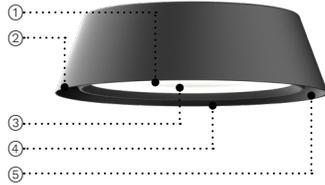
① Comfort optic series.

② Corrosion resistant diecast aluminum housing.

③ Indirect LED lighting on highly reflective dome for visual comfort.

④ Clear tempered glass.

⑤ All stainless steel hardware.

ida DARK SKY APPROVED

CT100

MATERIALS

Clermont is made of aluminum diecast offering exceptional precision and durability. The main housing is sealed with durable gasket. LED boards are hidden between coated polymer that diffuses and reflects the light at 96%. It is UV stabilized and antistatic, which does not attract dust. The driver is preinstalled inside the main housing, sealed with gasket, and secured with four captive screws which makes it easy for maintenance.

ELECTRICAL DRIVER

Standard driver is 0-10V dimming-ready (dims to 10%) with: 120-277 multi-volt compatibility (50-60Hz), operating temperature range of -40°C to +55°C -40°F to +131°F, output over voltage protection, output over current protection and output short circuit protection with auto-recovery. Optional 347/480V available.

LED LIGHT ENGINE

Offered in 2700K, 3000K, 3500K & 4000K / 80CRI. 70% LED lumen maintenance at 60,000 hours (L70/B50) based on IESNA LM-80-08 LED extrapolated life, calculated per IESNA TM-21-21.

FINISH

Five-stage preparation process includes preheating of cast aluminum parts for air extraction. Polyester powder coating is applied through an electrostatic process, and oven cured for long term finish.

CERTIFICATION

UL Certified to Canadian and U.S. safety standards. Certified for use in wet locations. Rated IP65/IK9. Photometric testing performed by an independent laboratory in accordance with IES LM-79-08 standards at 25°C. Actual performance may differ as a result of end-user environment and application.
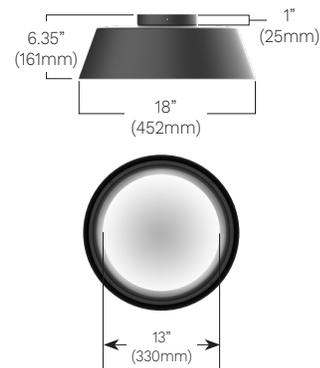
WARRANTY

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: https://www.acuitybrands.com/support/warranty/terms-and-conditions

MOUNTING

The mounting plate is designed to fit on a 4" (102mm) octagonal electrical box using 3.5" (89mm) C/C mounting holes.

MEASUREMENTS

Maximum weight: 27 lbs (12 kg)

6.35" (161mm)

1" (25mm)

18" (452mm)

13" (330mm)

LUMINIS.COM

Toll free: (866) 586-4647 | Fax: (514) 683-8872 | Email: info@luminis.com
260 Labrosse, Pointe-Claire (QC) Canada H9R 5L5

CT100
Rev. 05/13/25

LUMINIS®

ORDERING CODE

*SERIES	*LIGHT OUTPUT	*CCT[3]	*VOLTAGE	*MOUNTING	CONTROLS
CT100	Static White			CK Ceiling mount	RD10 Remote driver[4]
	L2L25 2639 lm / 25w	27K 2700K	120 120V		
	L2L35 3695 lm / 35w	30K 3000K	277 277V		
	L2L45 4360 lm / 45w	35K 3500K	347 347V		
	L2L50 4996 lm / 55w	40K 4000K	480 480V		
	L2L55 5604 lm / 65w	WDIM 2700K-4000K	MVOLT 120V-277V		
		TUWH 2700K-5000K	HVOLT 347V-480V		
	Warm Dimming				
	L2LDW 5000 lm / 57w[1]				
	Tunable White				
	L2LWT 5000 lm / 57w[2]				
	Delivered lumens calculated at 4000K/80CRI for static white. Typical power consumption. Refer to LCF table for outputs at other CCTs. Delivered lumens calculated at 5000K/80CRI for warm dimming and tunable white.				

FUSE	SURGE PROTECTOR	EMERGENCY	*FINISH	ENVIRONMENT
FS Fuse	SP Surge protector	EM7 7W integral emergency battery, 90 min[5]	BKT Jet black	MG Marine grade paint[9]
		REM7 Remote emergency battery, 90 min, 7W[6]	BZT Bronze	NT Natatorium suitable[10]
			CHT Champagne	
			DGT Gun metal	
			GRT Titanium gray	
			MST Matte silver	
			SGT Steel gray	
			WHT Snow white	
			CMC Custom matched color[7]	
			RAL RAL color[8]	

NOTES

*-   Denotes a required field

1-   Available only with WDIM. Not available with 347V, 480V, HVOLT or EM7.

2-   Available only with TUWH. Not available with 347V, 480V, HVOLT or EM7.

3-   For IDA certification compliance, luminaire must be ordered with 3000K or warmer.

4-   Remote mount 50ft - 12" (305mm) square enclosure with access cover. The remote enclosure must be interior. Cable between fixture and remote box is provided by others.

5-   Integral to luminaire housing. Integral is not suitable for temperatures under 0ºC (32ºF). Not available with 347V, 480V, HVOLT or RD10.

6-   Remote mount 50ft - 12" (305mm) square enclosure with access cover. Includes driver. The remote enclosure must be interior. Cable between fixture and remote box is provided by others. Not available with 347V, 480V, HVOLT or RD10.

7-   Contact factory to coordinate custom matching color.

8-   Specify RAL number.

9-   Marine grade paint for harsh, coastal environment and exposure to salt water. Additional delay required.
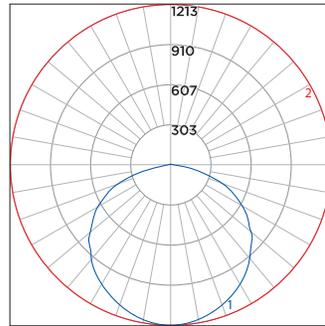
10-   Available only in WHT and BKT.

LUMINIS.COM

Toll free: (866) 586-4647 | Fax: (514) 683-8872 | Email: info@luminis.com
260 Labrosse, Pointe-Claire (QC) Canada H9R 5L5

LUMINIS®

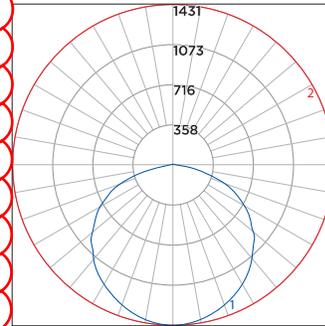## TYPICAL PHOTOMETRY SUMMARY

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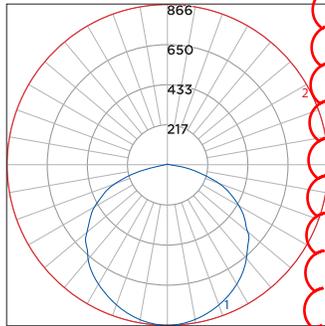
866
650
433
217

Total Lms: 2647 Lumens
Total Input Watts: 25 W
Efficacy: 106 Lumens/Watt
BUG: B1-U0-G0
CCT/CRI: 4000K/80
Maximum Candela: 866 @ 180°H/2°V
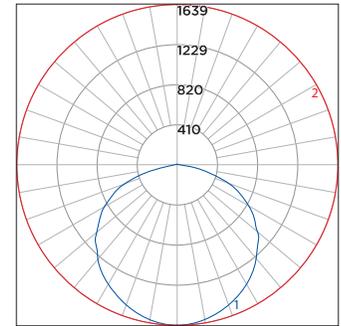
CT100-L2L35

1213
910
607
303

Total Lms: 3695 Lumens
Total Input Watts: 35 W
Efficacy: 106 Lumens/Watt
BUG: B1-U0-G1
CCT/CRI: 4000K/80
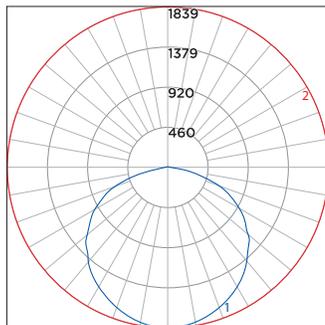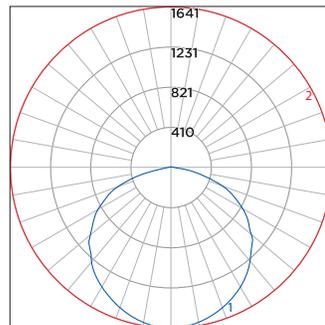**Maximum Candela:** 1213 @ 180°H/2°V

CT100-L2L45

1431
1073
716
358

Total Lms: 4360 Lumens
Total Input Watts: 45 W
Efficacy: 97 Lumens/Watt
BUG: B2-U0-G1
CCT/CRI: 4000K/80
Maximum Candela: 1431 @ 180°H/2°V

CT100-L2L50

1639
1229
820
410

Total Lms: 5012 Lumens
Total Input Watts: 50 W
Efficacy: 91 Lumens/Watt
BUG: B2-U0-G1
CCT/CRI: 4000K/80
Maximum Candela: 1639 @ 180°H/2°V
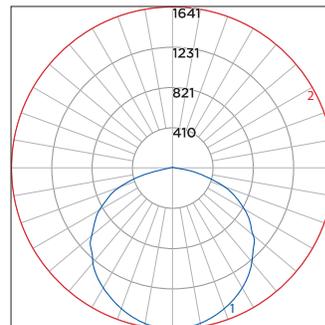
CT100-L2L55

1839
1379
920
460

Total Lms: 5622 Lumens
Total Input Watts: 65 W
Efficacy: 86 Lumens/Watt
BUG: B2-U0-G1
CCT/CRI: 4000K/80
Maximum Candela: 1839 @ 180°H/2°V

CT100-L2LWT

1641
1231
821
410

Total Lms: 5016 Lumens
Total Input Watts: 57 W
Efficacy: 88 Lumens/Watt
BUG: B2-U0-G1
CCT/CRI: 4000K/80
Maximum Candela: 1641 @ 180°H/2°V

CT100-L2LDW

1641
1231
821
410

Total Lms: 5016 Lumens
Total Input Watts: 57 W
Efficacy: 88 Lumens/Watt
BUG: B2-U0-G1
CCT/CRI: 4000K/80
Maximum Candela: 1641 @ 180°H/2°V

LUMEN CONVERSION FACTOR (LCF)

CCT	CRI	LCF
2700K	80	0.91
3000K	80	0.94
3500K	80	0.98
4000K	80	1.00

TUNABLE WHITE

User can modify the correlated color temperature (CCT) and intensity of the source using two slider controls or an intelligent lighting management system.

0-10V Input 1 CCT control
2700K — CCT scale — 5000K
0 — 10V

0-10V Input 2 Intensity control
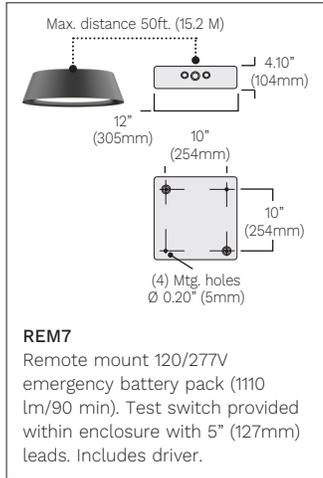1% — Intensity scale — 100%
0 — 10V

WARM DIMMING

Warm dimming (0-10V) lowers the LED temperature (CCT) as it is dimmed. The lower the brightness, the warmer the CCT.

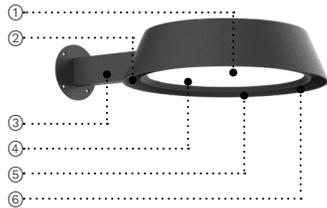0-10V Input 1 CCT & Intensity control
2700K — Intensity & CCT scale — 4000K
0 — 10V

All Photometry shown use the 80CRI 4000K LEDs.

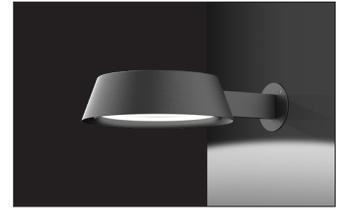Please visit our web site www.luminis.com for complete I.E.S. file.

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CT100
Rev. 05/13/25

OPTION DETAILS

Max. distance 50ft. (15.2 M)

4.10"
(104mm)

12"
(305mm)

10"
(254mm)

10"
(254mm)

(4) Mtg. holes
Ø 0.20" (5mm)

REM7
Remote mount 120/277V
emergency battery pack (1110
lm/90 min). Test switch provided
within enclosure with 5" (127mm)
leads. Includes driver.

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CT100
Rev. 05/13/25

LUMINIS®

WL-2
(WALL MOUNT -
10-12')
3695 LUMENS
BUG RATING = B1-
UO-G1

PROJECT NAME: | **QUANTITY:** | **TYPE:**

ORDERING CODE:

① Comfort optic series.

② Corrosion resistant diecast aluminum housing.

③ Wall attachment.

④ Indirect LED lighting on highly reflective dome for visual comfort.

⑤ Clear tempered glass.

⑥ All stainless steel hardware.

CT103

MATERIALS

Clermont is made of aluminum diecast offering exceptional precision and durability. The main housing is sealed with durable gasket. LED boards are hidden between coated polymer that diffuses and reflects the light at 96%. It is UV stabilized and antistatic, which does not attract dust. The driver is preinstalled inside the main housing, sealed with gasket, and secured with four captive screws which makes it easy for maintenance.

ELECTRICAL DRIVER

Standard driver is 0-10V dimming-ready (dims to 10%) with: 120-277 multi-volt compatibility (50-60Hz), operating temperature range of -40°C to +55°C -40°F to +131°F, output over voltage protection, output over current protection and output short circuit protection with auto-recovery. Optional 347/480V available.

LED LIGHT ENGINE

Offered in 2700K, 3000K, 3500K & 4000K / 80CRI. 70% LED lumen maintenance at 60,000 hours (L70/B50) based on IESNA LM-80-08 LED extrapolated life, calculated per IESNA TM-21-21.

FINISH

Five-stage preparation process includes preheating of cast aluminum parts for air extraction. Polyester powder coating is applied through an electrostatic process, and oven cured for long term finish.

CERTIFICATION

UL Certified to Canadian and U.S. safety standards. Certified for use in wet locations. Rated IP65/IK9. Photometric testing performed by an independent laboratory in accordance with IES LM-79-08 standards at 25°C. Actual performance may differ as a result of end-user environment and application.
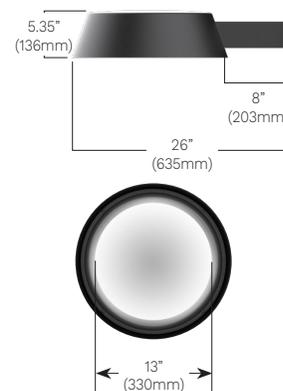
WARRANTY

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: https://www.acuitybrands.com/support/warranty/terms-and-conditions

MOUNTING

Mounts aligned over a standard 4" (102mm) octagonal electrical box with a set of four additional anchoring hardware by others. For drilling pattern, refer to installation sheet.

MEASUREMENTS

Maximum weight: 27 lbs (12 kg)

5.35" (136mm)
8" (203mm)
26" (635mm)
13" (330mm)

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ORDERING CODE

*SERIES	*LIGHT OUTPUT	*CCT[3]	*VOLTAGE	*MOUNTING	CONTROLS
CT103	Static White	**27K** 2700K	**120** 120V	**WM** Wall mount	**NLTH** nLight AIR 2.0 integrated in head[4]
	L2L25 2639 lm / 25w	**30K** 3000K	**277** 277V		
	L2L35 3695 lm / 35w	**35K** 3500K	**347** 347V		**RD10** Remote driver[5]
	L2L45 4360 lm / 45w	**40K** 4000K	**480** 480V		
	L2L50 4996 lm / 55w	**WDIM** 2700K-4000K	**MVOLT** 120V-277V		
	L2L55 5604 lm / 65w	**TUWH** 2700K-5000K	**HVOLT** 347V-480V		
	Warm Dimming				
	L2LDW 5000 lm / 57w[1]				
	Tunable White				
	L2LWT 5000 lm / 57w[2]				
	Delivered lumens calculated at 4000K/80CRI for static white. Typical power consumption. Refer to LCF table for outputs at other CCTs. Delivered lumens calculated at 5000K/80CRI for warm dimming and tunable white.				

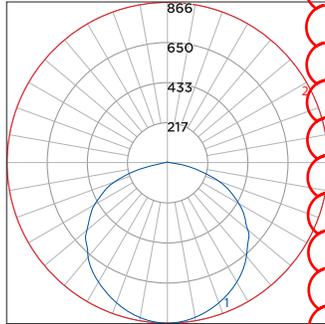| FUSE	PHOTOCELL	SURGE PROTECTOR	EMERGENCY	*FINISH	
FS Fuse	**PH7** 7-PIN receptacle with photocell sensor on head	**SP** Surge protector	**EM7** 7W integral emergency battery, 90 min[6]	**BKT** Jet black	
	PHSC 7-PIN receptable with default shorting cap on head		**REM7** Remote emergency battery, 90 min, 7W[7]	**BZT** Bronze	
				CHT Champagne	
				DGT Gun metal	
				GRT Titanium gray	
				MST Matte silver	
				SGT Steel gray	
				WHT Snow white	
				CMC Custom matched color[8]	
				RAL RAL color[9]	

ENVIRONMENT
MG Marine grade paint[10]
NT Natatorium suitable[11]

NOTES

*- Denotes a required field

1- Available only with WDIM. Not available with 347V, 480V, HVOLT or EM7.

2- Available only with TUWH. Not available with 347V, 480V, HVOLT or EM7.

3- For IDA certification compliance, luminaire must be ordered with 3000K or warmer.

4- Not available with PH7, PHSC, 347V, 480V, HVOLT, REM7, EM7, WDIM, TUWH.

5- Remote mount 50ft - 12" (305mm) square enclosure with access cover. The remote enclosure must be interior. Cable between fixture and remote box is provided by others.

6- Integral to luminaire housing. Integral is not suitable for temperatures under 0°C (32°F). Not available with 347V, 480V, HVOLT or RD10.

7- Remote mount 50ft - 12" (305mm) square enclosure with access cover. Includes driver. The remote enclosure must be interior. Cable between fixture and remote box is provided by others. Not available with 347V, 480V, HVOLT or RD10.

8- Contact factory to coordinate custom matching color.

9- Specify RAL number.

10- Marine grade paint for harsh, coastal environment and exposure to salt water. Additional delay required.

11- Available only in WHT and BKT.

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CT103
Rev. 05/13/25

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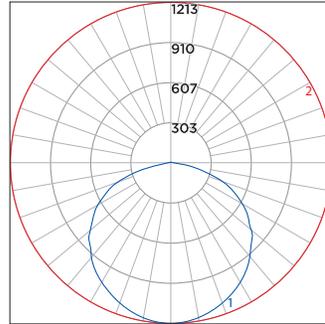
Page 2 of 4

TYPICAL PHOTOMETRY SUMMARY
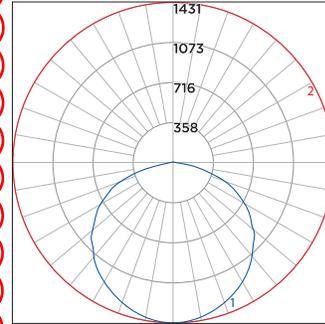
CT103-L2L25

866
650
433
217

Total Lms: 2647 Lumens
Total Input Watts: 25 W
Efficacy: 106 Lumens/Watt
BUG: B1-U0-G0
CCT/CRI: 4000K/80
Maximum Candela: 866 @ 180°H/2°V

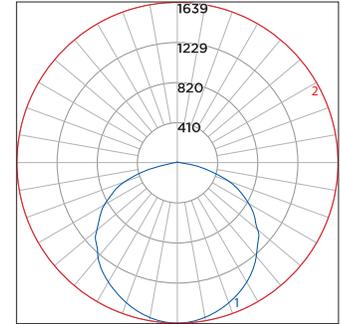### CT103-L2L35

1213
910
607
303

Total Lms: 3695 Lumens
Total Input Watts: 35 W
Efficacy: 106 Lumens/Watt
BUG: B1-U0-G1
CCT/CRI: 4000K/80
Maximum Candela: 1213 @ 180°H/2°V
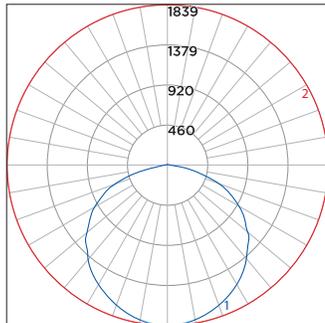
CT103-L2L45

1431
1073
716
358

Total Lms: 4360 Lumens
Total Input Watts: 45 W
Efficacy: 97 Lumens/Watt
BUG: B2-U0-G1
CCT/CRI: 4000K/80
Maximum Candela: 1431 @ 180°H/2°V

CT103-L2L50

1639
1229
820
410

Total Lms: 5012 Lumens
Total Input Watts: 50 W
Efficacy: 91 Lumens/Watt
BUG: B2-U0-G1
CCT/CRI: 4000K/80
Maximum Candela: 1639 @ 180°H/2°V

CT103-L2L55

1839
1379
920
460

Total Lms: 5622 Lumens
Total Input Watts: 65 W
Efficacy: 86 Lumens/Watt
BUG: B2-U0-G1
CCT/CRI: 4000K/80
Maximum Candela: 1839 @ 180°H/2°V

CT103-L2LWT

1641
1231
821
410
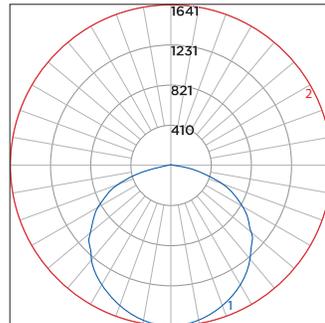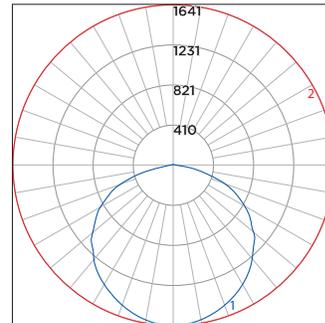
Total Lms: 5016 Lumens
Total Input Watts: 57 W
Efficacy: 88 Lumens/Watt
BUG: B2-U0-G1
CCT/CRI: 4000K/80
Maximum Candela: 1641 @ 180°H/2°V

CT103-L2LDW

1641
1231
821
410

Total Lms: 5016 Lumens
Total Input Watts: 57 W
Efficacy: 88 Lumens/Watt
BUG: B2-U0-G1
CCT/CRI: 4000K/80
Maximum Candela: 1641 @ 180°H/2°V

LUMEN CONVERSION FACTOR (LCF)		
CCT	**CRI**	**LCF**
2700K	80	0.91
3000K	80	0.94
3500K	80	0.98
4000K	80	1.00

TUNABLE WHITE

User can modify the correlated color temperature (CCT) and intensity of the source using two slider controls or an intelligent lighting management system.

0-10V Input 1 CCT control
2700K — CCT scale — 5000K
0 — 10V

0-10V Input 2 Intensity control
1% — Intensity scale — 100%
0 — 10V

WARM DIMMING

Warm dimming (0-10V) lowers the LED temperature (CCT) as it is dimmed. The lower the brightness, the warmer the CCT.

0-10V Input 1 CCT & Intensity control
2700K — Intensity & CCT scale — 4000K
0 — 10V

All Photometry shown use the 80CRI 4000K LEDs.
Please visit our web site www.luminis.com for complete I.E.S. file.

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Rev. 05/13/25

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OPTION DETAILS

NLTH 📶
nLight AIR Control gen2
and black antenna
integrated in head.

NOTE: Pole mount is a reference
image only, This option applies to
the wall mount version.

PHSC
7-PIN receptacle with
shorting cap option
mounted on top of the
fixture housing as shown.

NOTE: Pole mount is a reference
image only, This option applies to the
wall mount version.

PH7
7-PIN receptacle
with Photocell option
mounted on top of the
fixture housing as shown.

NOTE: Pole mount is a reference
image only, This option applies to the
wall mount version.

Max. distance 50ft. (15.2 M)

4.10"
(104mm)

12"
(305mm)

10"
(254mm)

10"
(254mm)

(4) Mtg. holes
Ø 0.20" (5mm)

REM7
Remote mount 120/277V
emergency battery pack (1110
lm/90 min). Test switch provided
within enclosure with 5" (127mm)
leads. Includes driver.

NOTE: Pendant mount is a reference image only,
This option applies to the wall mount version.

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