# **ZANEEN**®

# **RANGER 30 RECESSED**

### E1210030-RGBW

base number

1.To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

### GENERAL

CENERAL
Series: Ranger 30
Brand: Unonovesette
Division: Exterior
Mounting Type: Recessed
Mounting Location: In-Ground
Subcategory: Drive Over

DIVISION, Exterior
Mounting Type: Recessed
Mounting Location: In-Ground
Subcategory: Drive Over
PHYSICAL
Shape: Rectangle
Length (mm): 510
Length (in): 20
Width (mm): 30
Width (in): 1 ½
Height (mm): 31.5
Height (in): $1\frac{1}{4}$
Light Distribution: Direct
Weight (kg): 0.56
Weight (lbs): 1.2
Load Resistance (kg): 5000
Load Resistance (lbs): 11023
Fixture Finish: Opal White
Fixture Material: Extruded PMMA with Opal
Cable Details: IP67 300mm Cable

### ELECTRICAL

ELECTRICAL
Lamp Type: LED
Input Wattage (W): 11.5
Dimming: DMX
Control Gear: DMX
Driver Included: No
Driver Location: Remote
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 24

### LED

Color Temperature (°K): RGBW	
CRI: >90 CRI	
Lamp Life (hrs): 100000	
Special LEDs offerings: RGBW	

## OPTICAL

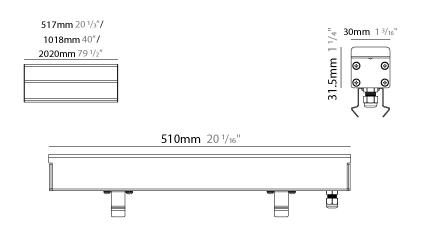
Optic°: 150	
Beam Angle: Diffused	
Adjustability: Fixed	

### **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards
IP rating: IP67
IK Rating: IK10











# **RANGER 30 RECESSED**

### E1210031-RGBW

base number

1.To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

### GENERAL

	GENERAL
	Series: Ranger 30
	Brand: Unonovesette
	Division: Exterior
	Mounting Type: Recessed
	Mounting Location: In-Ground
	Subcategory: Drive Over

Mounting Type: Recessed	
Mounting Location: In-Ground	
Subcategory: Drive Over	
PHYSICAL	
Shape: Rectangle	
Length (mm): 1010	
Length (in): 39 <sup>3</sup> / <sub>4</sub>	
Width (mm): 30	
Width (in): 1 1/6	
Height (mm): 31.5	
Height (in): 1 1/4	
Light Distribution: Direct	
Weight (kg): 0.56	
Weight (lbs): 2.45	
Load Resistance (kg): 5000	
Load Resistance (lbs): 11023	
Fixture Finish: Opal White	
Fixture Material: Extruded PMMA with Opal	
Cable Details: IP67 300mm Cable	

ELECTRICAL
Lamp Type: LED
Input Wattage (W): 23
Dimming: DMX
Control Gear: DMX
Driver Included: No
Driver Location: Remote
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 24
LED

Color Temperature (°K): RGBW
CRI: >90 CRI
Lamp Life (hrs): 100000
Special LEDs offerings: RGBW

### OPTICAL

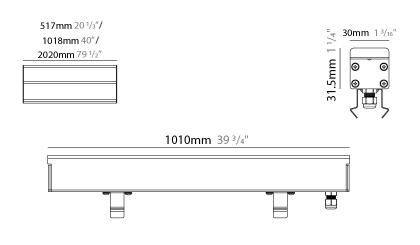
Optic°: 150	
Beam Angle: Diffused	
Adjustability: Fixed	

## RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards	
IP rating: IP67	
IK Rating: IK10	









# **ZANEEN**®

# **RANGER 30 RECESSED**

## E1210032-RGBW

base number

1.To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

### GENERAL

GENERAL
Series: Ranger 30
Brand: Unonovesette
Division: Exterior
Mounting Type: Recessed
Mounting Location: In-Ground
Subcategory: Drive Over

Mounting Type: Recessed
Mounting Location: In-Ground
Subcategory: Drive Over
PHYSICAL
Shape: Rectangle
Length (mm): 2010
Length (in): 79 $\frac{1}{8}$
Width (mm): 30
Width (in): 1 ½
Height (mm): 31.5
Height (in): 1 1/4
Light Distribution: Direct
Weight (kg): 2.22
Weight (lbs): 4.89
Load Resistance (kg): 5000
Load Resistance (lbs): 11023
Fixture Finish: Opal White
Fixture Material: Extruded PMMA with Opal
Cable Details: IP67 300mm Cable
FLECTRICAL

ELECTRICAL
Lamp Type: LED
Input Wattage (W): 46
Dimming: DMX
Control Gear: DMX
Driver Included: No
Driver Location: Remote
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 24
LED

Color Temperature (°K): RGBW
CRI: >90 CRI
Lamp Life (hrs): 100000
Special LEDs offerings: RGBW

### OPTICAL

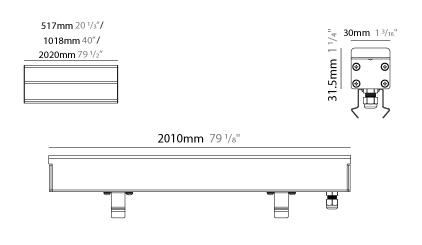
Optic°: 150	
Beam Angle: Diffused	
Adjustability: Fixed	

### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards	
IP rating: IP67	
IK Rating: IK10	











# **RANGER 30**

**COLOR FINISH CHART** 

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		

**Digital:** Not all screens are calibrated the same, and therefore, colors will appear differently between screens. **Physical:** When texture is involved, there will be variations in color, character and tone within a product series and between product families.





# **RANGER 30**

# **LEGEND**

					special LED (upon request) PGB_PGBW_tunable
<u></u>	floor-mounted	¥	pivotable	⊛	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
7	wall and ceiling: recessed and surface mounted	C	rotating	0	warm dim / natural dimming LED
$\overline{\uparrow}$	ceiling-mounted and wall-mounted	Œ	illuminate tilted	0	rechargeable battery powered
$\rightarrow$	wall-mounted	I	color of suspension cable		fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	1	length of suspension cable	CRI	color rendering index
$\dot{\Delta}$	direct light distribution		reflector degree selection	(K)	color temperature
X	direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
Y	indirect light distribution	*	lens	₩	efficacy (lumens per watt)
	asymmetric light distribution	8	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
	aura light distribution	0	shine ring	*	marine grade (AISI 316 stainless steel)
R	round wall or ceiling cut-out	0	integrated shine ring with diffuser	<b>3</b>	walk on
Z)	square wall or ceiling cut-out		free individual colors 01-29	<b>②</b>	drive on
4	the supplied jig specifies the cutout dimensions	Ĉ	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	Dark Sky Compliance
<b>□</b> ←,→	minimum distance (meters) lamp - object	<b>♦</b>	luminaire part to be colored (F1)	Ġ	Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
$\hat{\pm}$	recessed depth		luminaire part to be colored (F2)		lamp protected against explosion
<u></u>	ceiling thickness in mm	•	luminaire part to be colored (F3)		blown glass using traditional methods by master glass blower
1	ceiling thickness selection		luminaire part to be colored (F4)	<b>●</b> ⑨	acoustic material
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)	•	luminaire part to be colored (F5)		protection class I, protection insulation
C. CO	included or excluded LED driver/transformer/ control gear	•	color of 3-circuit adaptor		protection class II, protection insulation
8	separately switchable	$\odot$	indirect diffuser	. <b>.</b>	ETL Certified to UL and CSA Standards
<b>9</b>	sensor	0	direct diffuser	շ (Մ <u>)</u> սո	UL Certified to UL and CSA Standards
	remote control	(1)	ball-proof (upon request)	<b>®</b> :	CSA Certified to UL and CSA Standards
9	available upon request	O	accessory	<b>②</b>	Certified for North American Standards

## **IP RATING**

IP20	protected against ingress of solid bodies greater than 12.5mm (finger)
IP33	protected against ingress of solid bodies greater than 2.5mm protected against sprays of water up to 60 degrees from the vertical (rain)
IP40	protected against ingress of solid bodies greater than 1mm (wire) no protection against the ingress of moisture
IP43	protected against ingress of solid bodies greater than 1mm (wire) protected against sprays of water up to 60 degrees from the vertical (rain)
IP44	protected against ingress of solid bodies greater than 1mm (wire) protected against water splashed from all directions
IP54	protected against limited ingress of dust (wet rooms/covered outdoor areas) protected against water splashed from all directions
IP65	protected against ingress of dust protected against jets of water
IP66	protected against ingress of dust protected against powerful jets of water or heavy seas
IP67	protected against ingress of dust protected against immersion of water between 15cm - 1m for 30 minutes
IP68	protected against ingress of dust protected against immersion of water under pressure for long periods

## **IK RATING**

IK02	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
ІКОЗ	protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)
IK04	protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)
IK05	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
IK06	protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)
IK07	protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)
IK08	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
IK09	protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)

protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)

protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)