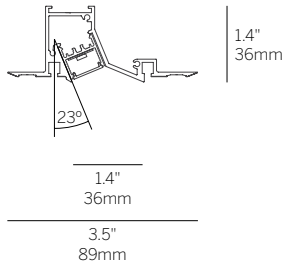
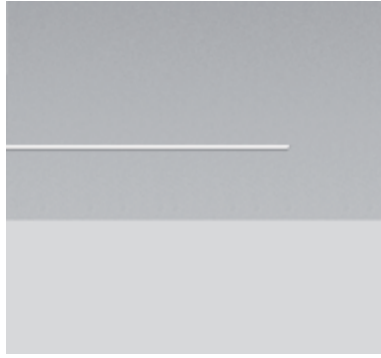


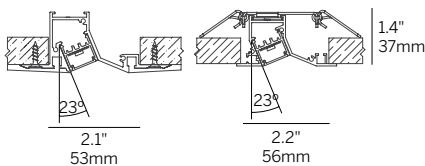
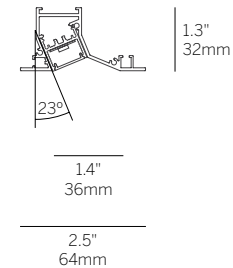
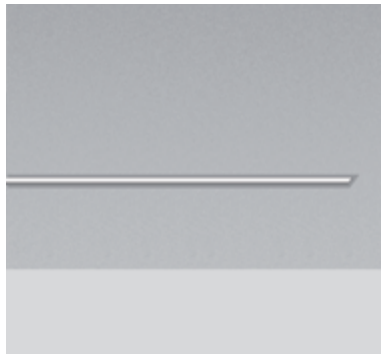
# 20 Linear Wash Light Recessed

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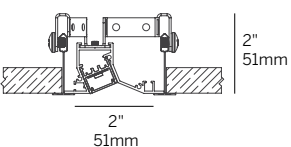
Recessed Plaster Trim (RPT)



Recessed Bezel Trim (RBT)



Gypsum Wall / Ceiling (RPT) Solid Wall / Ceiling (RBT)



Grid Ceiling (RGT9/RGT15)

## Ordering Information

| Model    | Fixation                    | Pattern                                 | Length                                   | Power <sup>2</sup> | CRI/<br>CCT <sup>3</sup>               | Driver <sup>4</sup>                                     | Lens                  | Finish <sup>5</sup>    | Options               |
|----------|-----------------------------|-----------------------------------------|------------------------------------------|--------------------|----------------------------------------|---------------------------------------------------------|-----------------------|------------------------|-----------------------|
| WG-20LWW | RPT<br>RBT<br>RGT9<br>RGT15 | S<br>PI <sup>1</sup><br>PO <sup>1</sup> | A<br>A x B<br>A x B x C<br>A x B x A x B | L<br>M<br>H        | 927<br>930<br>935<br>940<br>WD<br>RGBW | X<br>S<br>D010<br>L3DAE<br>L3DOE<br>DFPN<br>EL96<br>DMX | OD (std)<br>SD<br>MPL | W (std)<br>B<br>S<br>F | EM<br>WL <sup>6</sup> |

## Luminaire

- Fully recessed wash light with very shallow depth for continuous mounting to any desired length (1/4" increments), as well as standard grid multiples.
- Multiple lens options for diffuse, high efficiency and low brightness.
- Remote driver options (required). Field replaceable LED boards.
- Lengths and angles factory cut to exact field dimensions.
- Supplied with 4' class 2 plenum rated feed cable per fixture length.
- 90+ CRI, 3 steps MacAdam.
- L70 (TM21 Projected 85C) Static White 60,000 hours, RGBW 50,000 hours, WD 36,000 hours.
- ETL and ETL-C for dry and damp location.

## Fixation

- RPT = Recessed plaster trim
- RBT = Recessed bezel trim
- RGT9 = Recessed grid trim 9/16"
- RGT15 = Recessed grid trim 15/16"

## Pattern

- S = Straight run
- PI = Standard patterns 2, 3 or 4 sided with 90° inside corners on the same plane<sup>1</sup>
- PO = Standard patterns 2, 3 or 4 sided with 90° outside corners on the same plane<sup>1</sup>

## Length

- A, B, C = specify inches to the nearest 0.25" (i.e. 72.25") For patterns specify each length (i.e. 2 sided: A x B = 72.25" x 48"; 3 sided: A x B x C; 4 sided: A x B x A x B)
- For 2 and 4 foot fixtures to fit ceiling grids specify 24" and 48" lengths

## Power<sup>2</sup>

- L = 3W/ft low power (WD 2.7 W/ft) (24V)
- M = 6W/ft mid power (WD 5.5 W/ft) (24V) (RGBW - 7.6W/ft)
- H = 10W/ft high power (WD 8 W/ft) (24V)

## Lenses/Accessories

- Opal Diffuser (OD)
- Satin Diffuser (SD)
- Micro-prismatic Lens (MPL)

## CRI/CCT (90+ CRI)<sup>3</sup>

- 927 = 2700K
- 930 = 3000K
- 935 = 3500K
- 940 = 4000K
- WD = Warm Dimming 1800 - 3000K
- RGBW = 3000K White (M power only)

## Driver (remote)<sup>4</sup>

- X = No driver, ordered separately
- S = Standard driver 120-277V
- D010 = Osram, 10%, 0-10V dimming, 120-277V
- L3DAE = Lutron Hi-lume 1% EcoSystem, 120-277V
- L3DOE = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1%, 120VAC
- EL96 = Osram / EldoLED, 24V, 0.1% 0-10V Dimming
- DMX = Osram / EldoLED, 24V, 0.1% DMX Dimming

## Lens

- OD = Satin opal diffuser (standard)
- SD = Satin clear diffuser
- MPL = Micro-prismatic lens

## Finish<sup>5</sup>

- W = White, 15% gloss, Tiger Drylac 49/11350 (standard)
- B = Black, 15% gloss, Tiger Drylac 44/90053
- S = Silver, 15% gloss, Tiger Drylac 49/90500
- F = Custom finished trim, specify RAL

## Options

- EM = Emergency LED driver (remote only)
- WL = Wet Location Under Canopy / Cover<sup>6</sup>

- See pattern spec sheet
- Wattage shown is for LED boards only, system wattage varies depending on driver selected.
- See photometric data sheet for delivered lumens.
- Remote power supply required. See power supply page for details.
- See Tiger Drylac color chart: [inter-lux.com/tiger](http://inter-lux.com/tiger)
- Wet Location option available for OD / SD / MPL lenses and recessed / surface ceiling applications only.

## Cutout Dimensions

- RPT - 2.1" width / length + 1/4"
- RBT - 2" width / length + 1/4"

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410 381 1497 [inter-lux.com](http://inter-lux.com) [answers@inter-lux.com](mailto:answers@inter-lux.com)  
Inter-lux reserves the right to make technical changes without notice.

Patent: 10190738 (930-20156-REV.B) 1



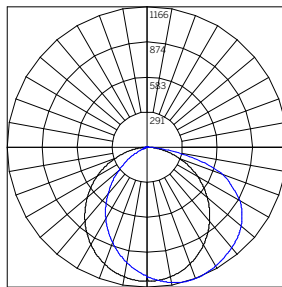
# 20 Linear Wash Light Recessed

inter•lux

## WG-20LWW-...-OD-W

Delivered Lumens Per Foot

|                          |                   | Power      |            |                      |                 |
|--------------------------|-------------------|------------|------------|----------------------|-----------------|
|                          |                   | L [3 W/ft] | M [6 W/ft] | H [10 W/ft]          | RGBW [7.6 W/ft] |
| CCT                      | 927               | 183        | 366        | 640                  | —               |
|                          | 930               | 199        | 398        | 696                  | —               |
|                          | 935               | 236        | 473        | 827                  | —               |
|                          | 940               | 281        | 561        | 982                  | —               |
|                          | WD <sup>2</sup>   | 140        | 291        | 421                  | —               |
|                          | RGBW <sup>3</sup> | —          | —          | —                    | 238             |
| UGR <sup>4</sup>         |                   | 32.2       | 34.7       | 36.5                 | —               |
| Fixture Efficiency = 60% |                   |            |            | Lumens Per Watt = 66 |                 |



BEAM ANGLE (0-180) = 106.7  
BEAM ANGLE (90-270) = 111

## ILLUMINANCE - 48" OD H 3500K

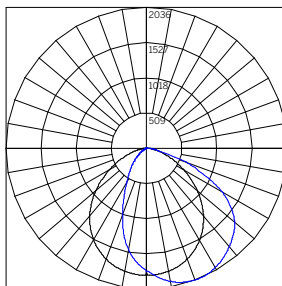
WG-20LWW-...-S-48-H-935-...-OD-W-...<sup>1</sup>

| Mounting Height [ft] | Illuminance [fc at max cd] | Beam Width [ft] |
|----------------------|----------------------------|-----------------|
| 2                    | 292                        | 5.4             |
| 4                    | 73                         | 10.8            |
| 6                    | 32                         | 16.1            |
| 8                    | 18                         | 21.5            |
| 10                   | 12                         | 26.9            |
| 12                   | 8                          | 32.3            |
| 14                   | 6                          | 37.7            |
| 16                   | 5                          | 43              |
| 18                   | 4                          | 48.4            |
| 20                   | 3                          | 53.8            |

## WG-20LWW-...-SD-W

Delivered Lumens Per Foot

|                          |                   | Power      |            |                      |                 |
|--------------------------|-------------------|------------|------------|----------------------|-----------------|
|                          |                   | L [3 W/ft] | M [6 W/ft] | H [10 W/ft]          | RGBW [7.6 W/ft] |
| CCT                      | 927               | 253        | 506        | 886                  | —               |
|                          | 930               | 275        | 550        | 962                  | —               |
|                          | 935               | 326        | 654        | 1143                 | —               |
|                          | 940               | 388        | 776        | 1359                 | —               |
|                          | WD <sup>2</sup>   | 194        | 402        | 582                  | —               |
|                          | RGBW <sup>3</sup> | —          | —          | —                    | 329             |
| UGR <sup>4</sup>         |                   | 30.9       | 33.4       | 35.2                 | —               |
| Fixture Efficiency = 83% |                   |            |            | Lumens Per Watt = 91 |                 |



BEAM ANGLE (0-180) = 84  
BEAM ANGLE (90-270) = 102.2

## ILLUMINANCE - 48" SD H 3500K

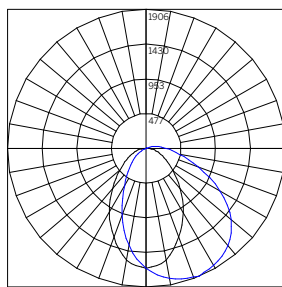
WG-20LWW-...-S-48-H-935-...-SD-W-...<sup>1</sup>

| Mounting Height [ft] | Illuminance [fc at max cd] | Beam Width [ft] |
|----------------------|----------------------------|-----------------|
| 2                    | 509                        | 3.6             |
| 4                    | 127                        | 7.2             |
| 6                    | 57                         | 10.8            |
| 8                    | 32                         | 14.4            |
| 10                   | 20                         | 18              |
| 12                   | 14                         | 21.6            |
| 14                   | 10                         | 25.2            |
| 16                   | 8                          | 28.8            |
| 18                   | 6                          | 32.4            |
| 20                   | 5                          | 36              |

## WG-20LWW-...-MPL-W

Delivered Lumens Per Foot

|                          |                   | Power      |            |                      |                 |
|--------------------------|-------------------|------------|------------|----------------------|-----------------|
|                          |                   | L [3 W/ft] | M [6 W/ft] | H [10 W/ft]          | RGBW [7.6 W/ft] |
| CCT                      | 927               | 209        | 418        | 732                  | —               |
|                          | 930               | 228        | 455        | 796                  | —               |
|                          | 935               | 270        | 540        | 945                  | —               |
|                          | 940               | 321        | 642        | 1123                 | —               |
|                          | WD <sup>2</sup>   | 160        | 333        | 481                  | —               |
|                          | RGBW <sup>3</sup> | —          | —          | —                    | 272             |
| UGR <sup>4</sup>         |                   | 35         | 37.6       | 39.4                 | —               |
| Fixture Efficiency = 69% |                   |            |            | Lumens Per Watt = 72 |                 |



BEAM ANGLE (0-180) = 85.5  
BEAM ANGLE (90-270) = 73

## ILLUMINANCE - 48" MPL H 3500

WG-20LWW-...-S-48-H-935-...-MPL-W-...<sup>1</sup>

| Mounting Height [ft] | Illuminance [fc at max cd] | Beam Width [ft] |
|----------------------|----------------------------|-----------------|
| 2                    | 477                        | 3.7             |
| 4                    | 119                        | 7.4             |
| 6                    | 53                         | 11.1            |
| 8                    | 30                         | 14.8            |
| 10                   | 19                         | 18.5            |
| 12                   | 13                         | 22.2            |
| 14                   | 10                         | 25.9            |
| 16                   | 7                          | 29.6            |
| 18                   | 6                          | 33.3            |
| 20                   | 5                          | 37              |

| Power Multiplier |            |            |             |                 |
|------------------|------------|------------|-------------|-----------------|
|                  | L [3 W/ft] | M [6 W/ft] | H [10 W/ft] | RGBW [7.6 W/ft] |
| 9XX/RGBW         | 0.29       | 0.57       | 1.00        | 0.29            |
| WD               | 0.17       | 0.35       | 0.51        | —               |
| CCT Multiplier   |            |            |             |                 |
|                  | 927        | 930        | 935         | 940             |
|                  | 0.77       | 0.84       | 1.00        | 1.19            |

- 1 Polar Plot and Cone of Light are applicable to part number noted; use Multiplication Factor table to approximate other models or refer to online photometry.
- 2 WD lumen data at maximum output (3000K).
- 3 RGBW lumen data at maximum output with 3000K White LED.
- 4 UGR value noted is the maximum UGR (crosswise) with 935 LEDs / 48" length.