

PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____

GLORIOUS SLIM RECESSED

A35441-

base number	LED Dimming	Color Temperature	Finishes (Diamond)	Diffuser Options
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- To build a product code in our configurator select the specify button on the base model # product page
- 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

Series: Glorious
Subseries: Glorious Slim
Brand: Prolicht
Division: Architectural
Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Ambient

PHYSICAL

Shape: Round
Diameter (mm): 816
Diameter (in): 32 1/8
Height (mm): 81
Height (in): 3 3/16
Min. Recessing Depth (mm): 120
Min. Recessing Depth (in): 4 3/4
Light Distribution: Direct
Weight (kg): 6.755
Weight (lbs): 14.89
Diffuser: PMMA - Opal or Micro-Prism
Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR / MIC / FTG / MYG / TWT / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR
Fixture Material: Aluminum
Cut-out Measurements: 807mm / 31 3/4" x 663mm / 26 1/8"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 56
Total Output Wattage (W): 48
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 350

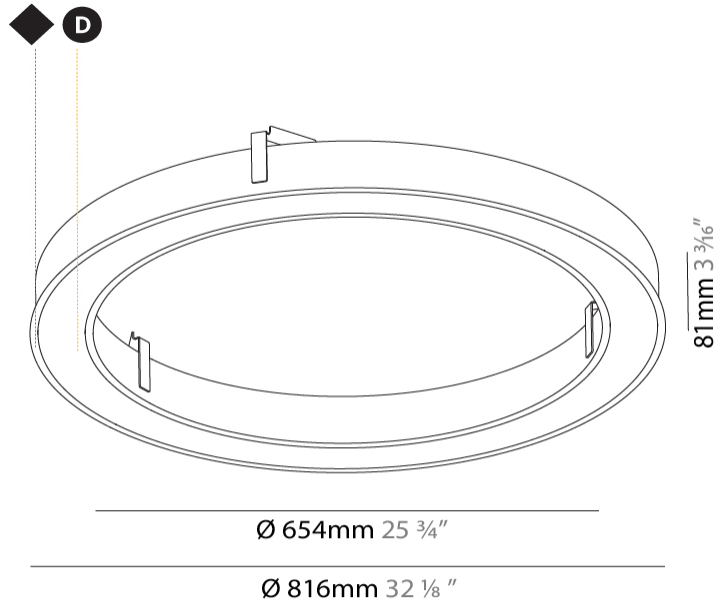
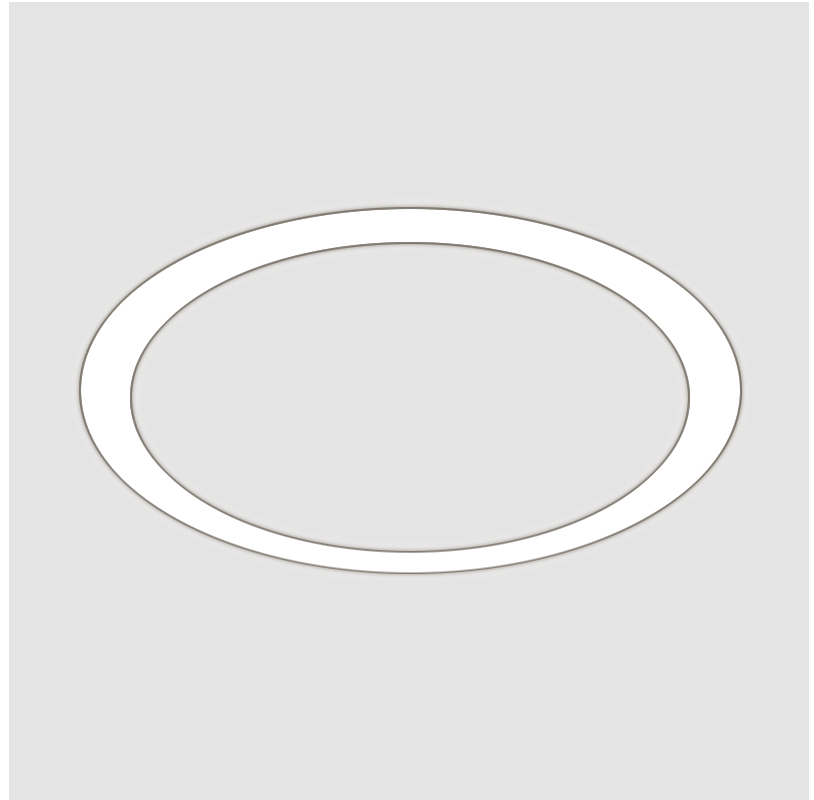
LED

Color Temperature (°K): 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 5450 / 5557 / 5670
CRI: >80 CRI
Efficiency (%): 0.884
Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP20



807mm x 663mm
31 3/4" x 26 1/8"



120mm
4 3/4"



10 - 30mm
3/8" - 1 3/16"



PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____

GLORIOUS SLIM RECESSED

A35443-

base number	LED Dimming	Color Temperature	Finishes (Diamond)	Diffuser Options
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- To build a product code in our configurator select the specify button on the base model # product page
- 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

Series: Glorious
Subseries: Glorious Slim
Brand: Prolight
Division: Architectural
Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Ambient

PHYSICAL

Shape: Round
Diameter (mm): 1566
Diameter (in): 61 ⁵ / ₈
Height (mm): 81
Height (in): 3 ³ / ₁₆
Min. Recessing Depth (mm): 120
Min. Recessing Depth (in): 4 ³ / ₄
Light Distribution: Direct
Weight (kg): 14.042
Weight (lbs): 30.96
Diffuser: PMMA - Opal or Micro-Prism
Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR / MIC / FTG / MYG / TWT / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR
Fixture Material: Aluminum

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 112
Total Output Wattage (W): 96
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 350

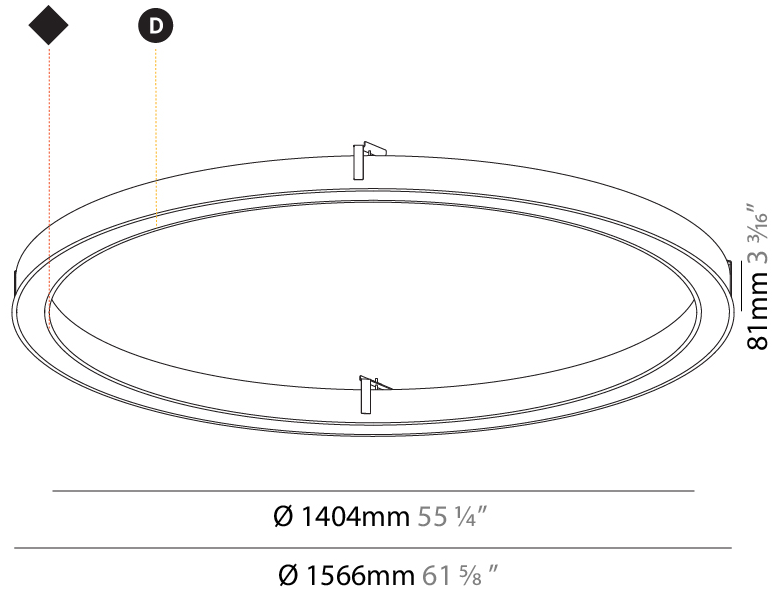
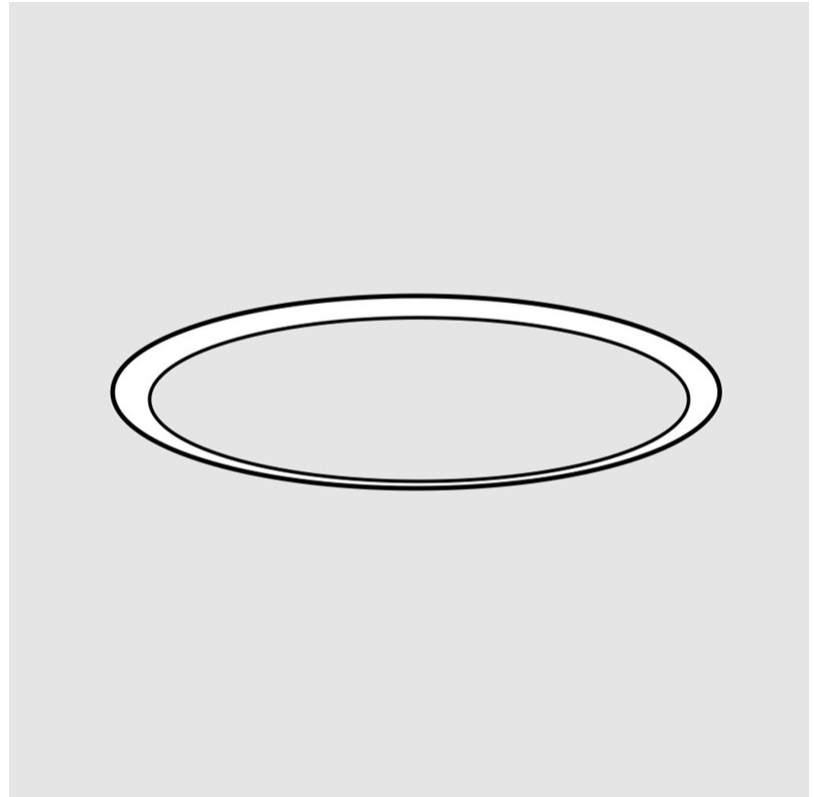
LED

Color Temperature (°K): 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 13580 / 13857 / 14140
CRI: >80 CRI
Efficiency (%): 0.884
Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP20



1557mm x 1413mm
61 ⁵/₁₆" x 55 ⁵/₁₆"

120mm
4 ³/₄"

10 - 30mm
³/₈" - 1 ³/₁₆"



PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____

GLORIOUS SLIM RECESSED

A35445-

base number	LED	Color	Finishes	Diffuser
	Dimming	Temperature	(Diamond)	Options

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

Series: Glorious
 Subseries: Glorious Slim
 Brand: Prolicht
 Division: Architectural
 Mounting Type: Recessed
 Mounting Location: Ceiling
 Subcategory: Ambient

PHYSICAL

Shape: Round
 Diameter (mm): 3016
 Diameter (in): 118 3/4
 Height (mm): 81
 Height (in): 3 3/16
 Min. Recessing Depth (mm): 120
 Min. Recessing Depth (in): 4 3/4
 Light Distribution: Direct
 Weight (kg): 27.132
 Weight (lbs): 59.69
 Diffuser: PMMA - Opal or Micro-Prism
 Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR / MIC / FTG / MYG / TWT / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR
 Fixture Material: Aluminum
 Cut-out Measurements: 3007mm / 118 3/8" x 2863mm / 112 11/16"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 224
 Total Output Wattage (W): 192
 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
 Driver Included: Yes
 Driver Location: Integrated
 Driver Type: Constant Current - Universal
 Driver Class: Class 2
 Input Voltage (V): 120 - 277
 Constant Current (MA): 350

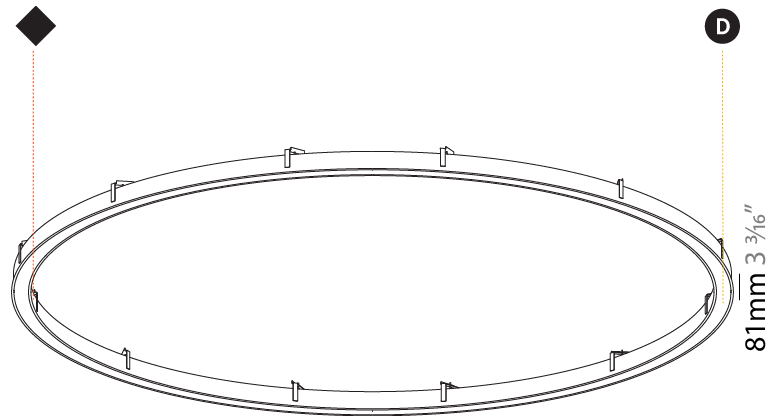
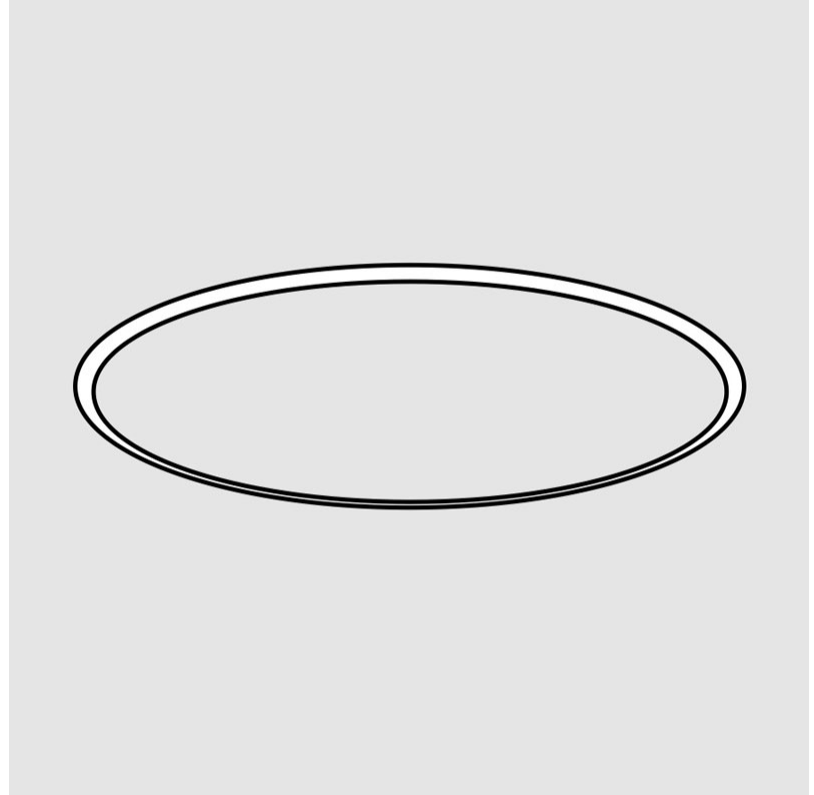
LED

Color Temperature (°K): 3000 / 3500 / 4000
 Max. Delivered Lumen (lm): 27160 / 27724 / 28290
 CRI: >80 CRI
 Efficiency (%): 0.884
 Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
 IP rating: IP20



Ø 2854mm 112 3/8"
 Ø 3016mm 118 3/4"

3007mm x 2863mm 118 3/8" x 112 11/16"	120mm 4 3/4"	10 - 30mm 3/8" - 1 3/16"	



GLORIOUS SLIM RECESSED

A35447-

base number LED Dimming Color Temperature Finishes (Diamond) Diffuser Options

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

Series: Glorious
 Subseries: Glorious Slim
 Brand: Prolicht
 Division: Architectural
 Mounting Type: Recessed
 Mounting Location: Ceiling
 Subcategory: Ambient

PHYSICAL

Shape: Round
 Diameter (mm): 5216
 Diameter (in): 205 ³/₈
 Height (mm): 81
 Height (in): 3 ³/₁₆
 Min. Recessing Depth (mm): 120
 Min. Recessing Depth (in): 4 ³/₄
 Light Distribution: Direct
 Weight (kg): 47.924
 Weight (lbs): 106.00
 Diffuser: [PMMA - Opal or Micro-Prism](#)
 Fixture Finish: [SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR / MIC / FTG / MYG / TWT / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR](#)
 Fixture Material: Aluminum
 Cut-out Measurements: 5207mm / 205" x 5063mm / 199 5/16"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 392
 Total Output Wattage (W): 336
 Dimming: [Tri-Mode \(Non-Dimming and Phase Dimming \(120Vac only\) and 0-10V Dimming\)](#)
 Driver Included: Yes
 Driver Location: Integrated
 Driver Type: Constant Current - Universal
 Driver Class: Class 2
 Input Voltage (V): 120 - 277
 Constant Current (MA): 350

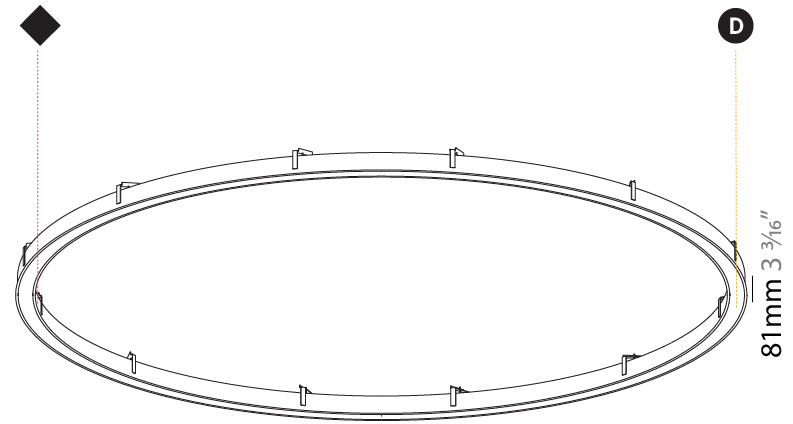
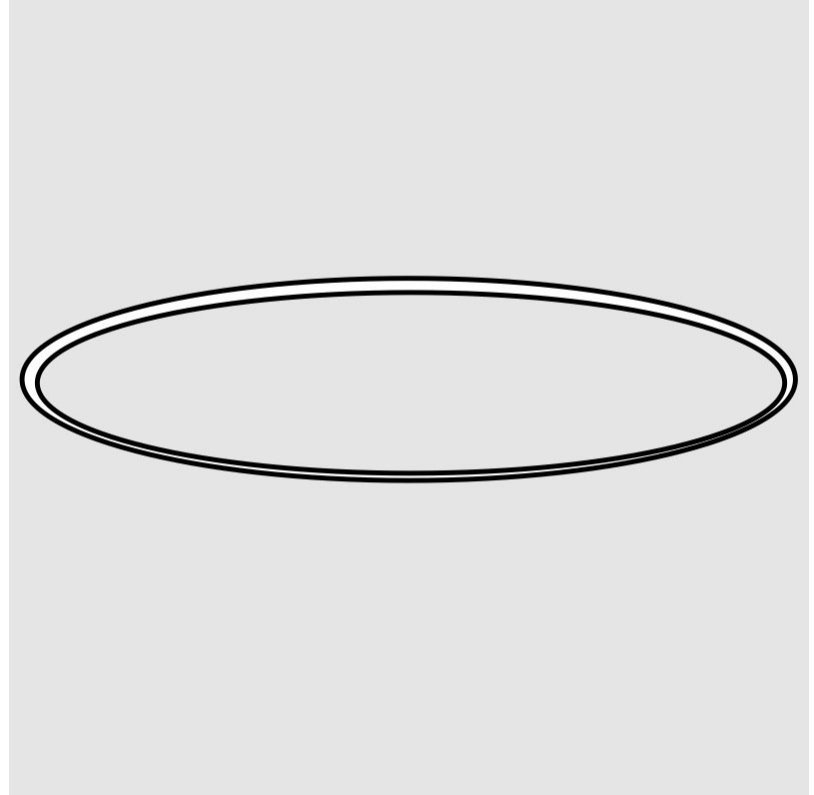
LED

[Color Temperature \(°K\): 3000 / 3500 / 4000](#)
 Max. Delivered Lumen (lm): 47520 / 48510 / 49500
 CRI: >80 CRI
 Efficiency (%): 0.884
 Lamp Life (hrs): 50000

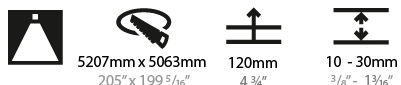
OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
 IP rating: IP20



Ø 5054mm 199"
 Ø 5216mm 205 ³/₈ "



PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____

GLORIOUS RECESSED

A37500-

base number	LED Dimming	Color Temperature	Finishes (Diamond)	Diffuser Options
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- To build a product code in our configurator select the specify button on the base model # product page
- 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

Series: Glorious
Subseries: Glorious
Brand: Prolicht
Division: Architectural
Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Ambient

PHYSICAL

Shape: Round
Diameter (mm): 770
Diameter (in): 30 ⁵ / ₁₆
Height (mm): 110
Height (in): 4 ⁵ / ₁₆
Min. Recessing Depth (mm): 120
Min. Recessing Depth (in): 4 ³ / ₄
Light Distribution: Direct
Weight (kg): 9.285
Weight (lbs): 20.47
Diffuser: PMMA - Opal or Micro-Prism
Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR / MIC / FTG / MYG / TWT / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR
Fixture Material: Aluminum
Cut-out Measurements: 760mm / 29 15/16" x 440mm / 17 5/16"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 30
Total Output Wattage (W): 24 / 19.2 (3500K)
Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - 120 / 277Vac
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 350 / 600 (3500K)

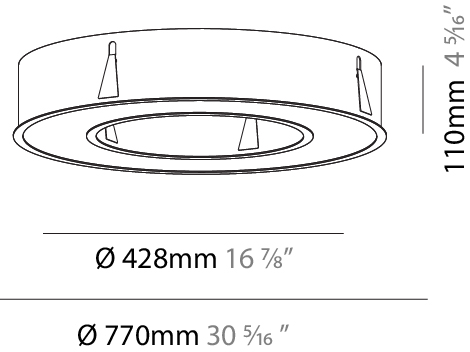
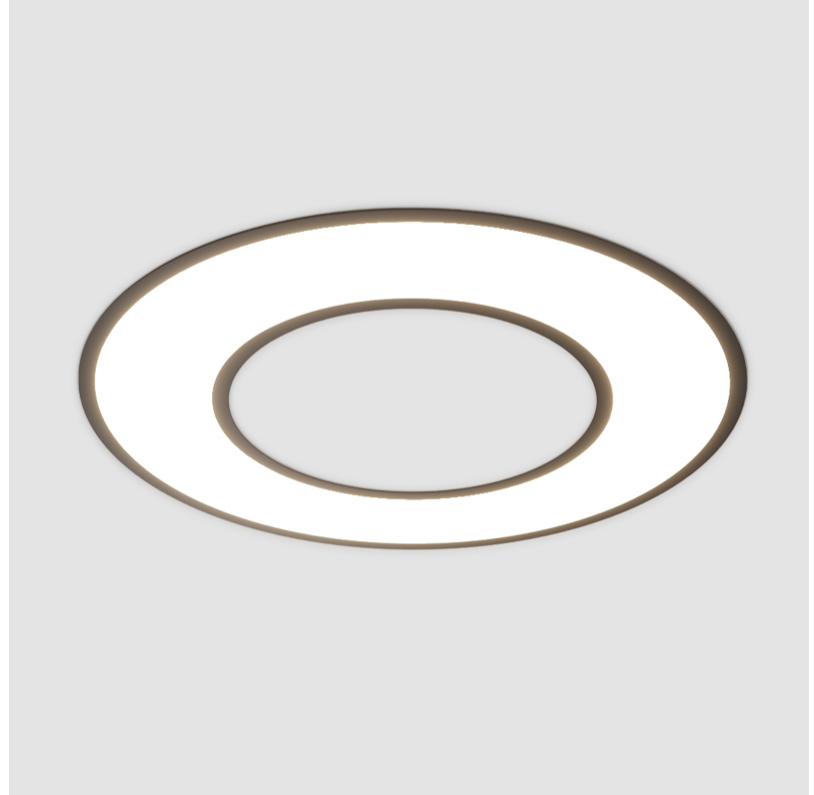
LED

Color Temperature (°K): 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 2770 / 2862 / 2920
CRI: >80 CRI
Efficiency (%): 65
Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP20



760mm x 440mm
29 ¹⁵/₁₆" x 17 ⁵/₁₆"



120mm
4 ³/₄"



10 - 15mm
³/₈" - ⁹/₁₆"



A37500-

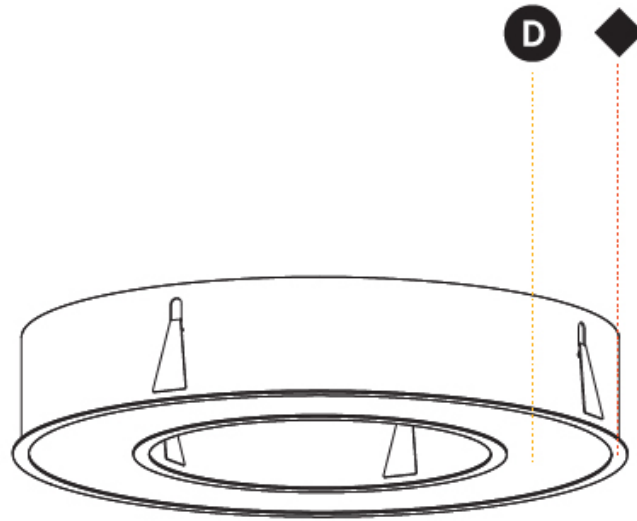
PROJECT _____

TYPE _____

SPECIFIER _____

QUANTITY _____

DATE _____



GLORIOUS RECESSED

A37502-

base number LED Dimming Color Temperature Finishes (Diamond) Diffuser Options

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

Series: Glorious
 Subseries: Glorious
 Brand: Prolicht
 Division: Architectural
 Mounting Type: Recessed
 Mounting Location: Ceiling
 Subcategory: Ambient

PHYSICAL

Shape: Round
 Diameter (mm): 1570
 Diameter (in): 61 ¹³/₁₆
 Height (mm): 110
 Height (in): 4 ⁵/₁₆
 Min. Recessing Depth (mm): 120
 Min. Recessing Depth (in): 4 ³/₄
 Light Distribution: Direct
 Weight (kg): 16.624
 Weight (lbs): 36.65
 Diffuser: PMMA - Opal or Micro-Prism
 Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR / MIC / FTG / MYG / TWT / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR
 Fixture Material: Aluminum
 Cut-out Measurements: 1560mm / 61 7/16" x 1240mm / 48 13/16"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 75
 Total Output Wattage (W): 60 / 48 (3500K)
 Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming
 Driver Included: Yes
 Driver Location: Integrated
 Driver Type: Constant Current - 120 / 277Vac
 Driver Class: Class 2
 Input Voltage (V): 120 - 277
 Constant Current (MA): 350 / 700/800 (3500K)

LED

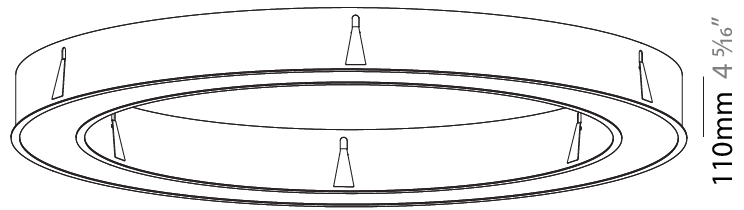
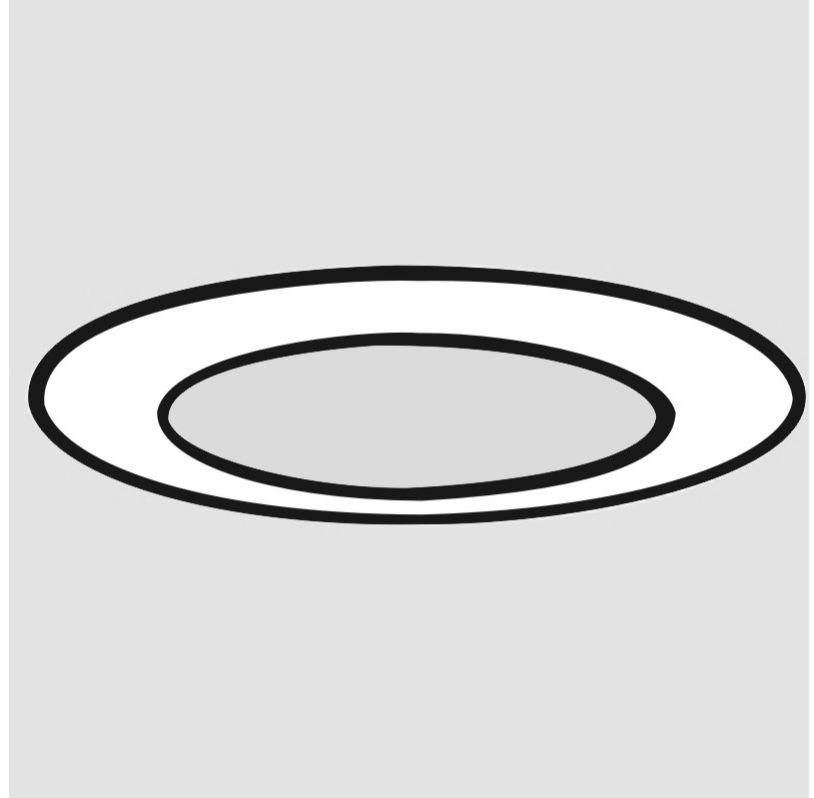
Color Temperature (°K): 3000 / 3500 / 4000
 Max. Delivered Lumen (lm): 6920 / 7164 / 7310
 CRI: >80 CRI
 Efficiency (%): 65
 Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
 IP rating: IP20

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



Ø 1228mm 48 3/8"

Ø 1570mm 61 13/16"



1560mm x 1240mm
61 7/16" x 48 13/16"



120mm
4 3/4"

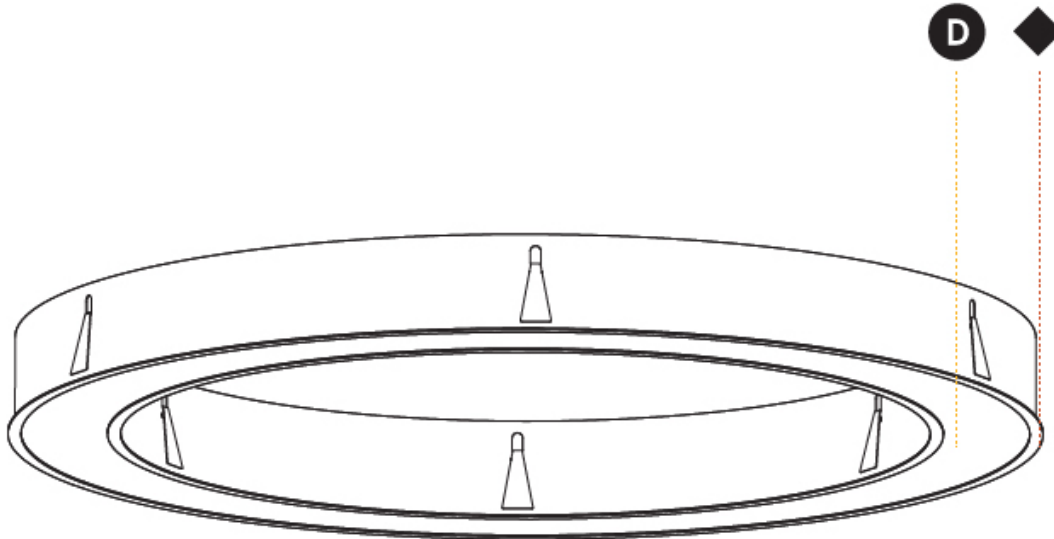


10 - 15mm
3/8" - 9/16"



A37502-

PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____



GLORIOUS RECESSED

A37505-

base number LED Dimming Color Temperature Finishes (Diamond) Diffuser Options

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

Series: Glorious
 Subseries: Glorious
 Brand: Prolicht
 Division: Architectural
 Mounting Type: Recessed
 Mounting Location: Ceiling
 Subcategory: Ambient

PHYSICAL

Shape: Round
 Diameter (mm): 970
 Diameter (in): 38 ³/₁₆
 Height (mm): 110
 Height (in): 4 ⁵/₁₆
 Min. Recessing Depth (mm): 120
 Min. Recessing Depth (in): 4 ³/₄
 Light Distribution: Direct
 Weight (kg): 11.164
 Weight (lbs): 24.61
 Diffuser: PMMA - Opal or Micro-Prism
 Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR / MIC / FTG / MYG / TWT / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR
 Fixture Material: Aluminum
 Cut-out Measurements: 960mm / 37 13/16" x 640mm / 25 3/16"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 45
 Total Output Wattage (W): 36 / 28.8 (3500K)
 Dimming: 0-10V Dimming / Phase Dimming (120Vac Only)
 Driver Included: Yes
 Driver Location: Integrated
 Driver Type: Constant Current - 120 / 277Vac
 Driver Class: Class 2
 Input Voltage (V): 120 - 277
 Constant Current (MA): 350 / 900 (3500K)

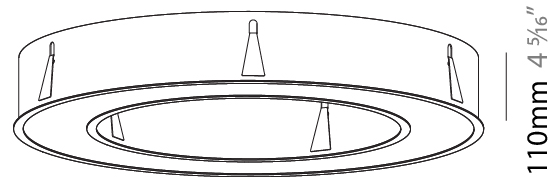
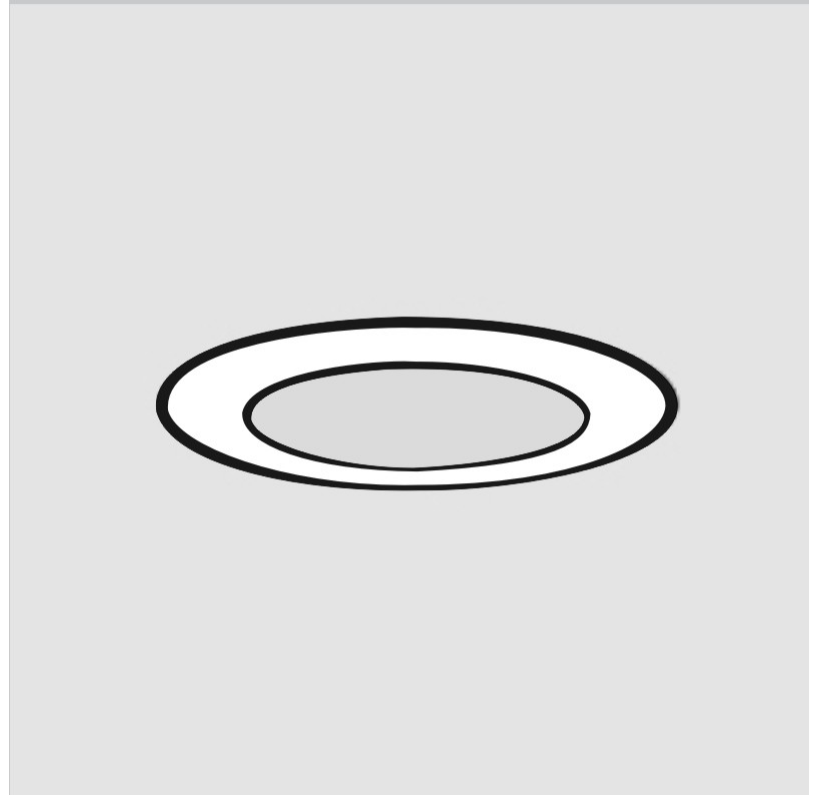
LED

Color Temperature (°K): 3000 / 3500 / 4000
 Max. Delivered Lumen (lm): 4150 / 4302 / 4390
 CRI: >80 CRI
 Efficiency (%): 65
 Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
 IP rating: IP20



Ø 628mm 24 3/4"

Ø 970mm 38 3/16 "



960mm x 640mm
 37 13/16" x 25 3/16"



120mm
 4 3/4"



10 - 15mm
 3/8" - 9/16"



A37505-

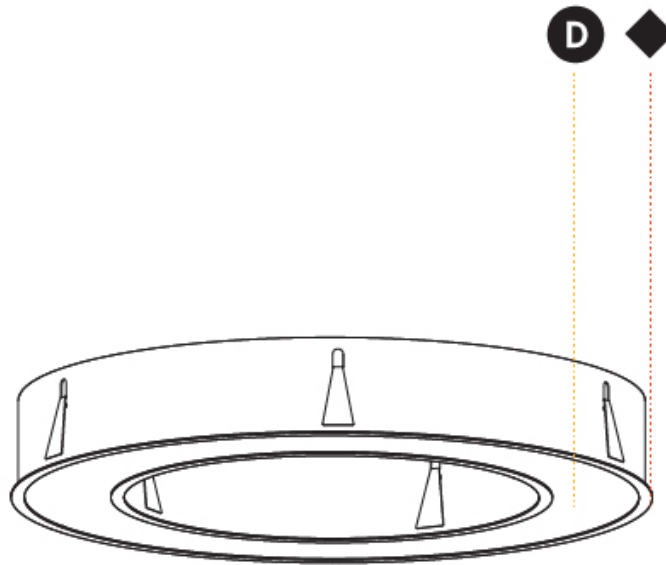
PROJECT _____

TYPE _____

SPECIFIER _____

QUANTITY _____

DATE _____



GLORIOUS RECESSED

A37507-

base number LED Dimming Color Temperature Finishes (Diamond) Diffuser Options

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

Series: Glorious
 Subseries: Glorious
 Brand: Prolicht
 Division: Architectural
 Mounting Type: Recessed
 Mounting Location: Ceiling
 Subcategory: Ambient

PHYSICAL

Shape: Round
 Diameter (mm): 1270
 Diameter (in): 50
 Height (mm): 110
 Height (in): 4 ⁵/₁₆
 Min. Recessing Depth (mm): 120
 Min. Recessing Depth (in): 4 ³/₄
 Light Distribution: Direct
 Weight (kg): 15.446
 Weight (lbs): 34.05
 Diffuser: PMMA - Opal or Micro-Prism
 Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR / MIC / FTG / MYG / TWT / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR
 Fixture Material: Aluminum
 Cut-out Measurements: 1260mm / 49 5/8" x 940mm / 37"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 60
 Total Output Wattage (W): 48 / 38.4 (3500K)
 Dimming: 0-10V Dimming / Phase Dimming (120Vac Only)
 Driver Included: Yes
 Driver Location: Integrated
 Driver Type: Constant Current - 120 / 277Vac
 Driver Class: Class 2
 Input Voltage (V): 120 - 277
 Constant Current (MA): 350 / 600 (3500K)

LED

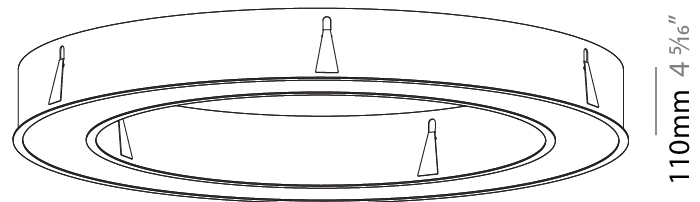
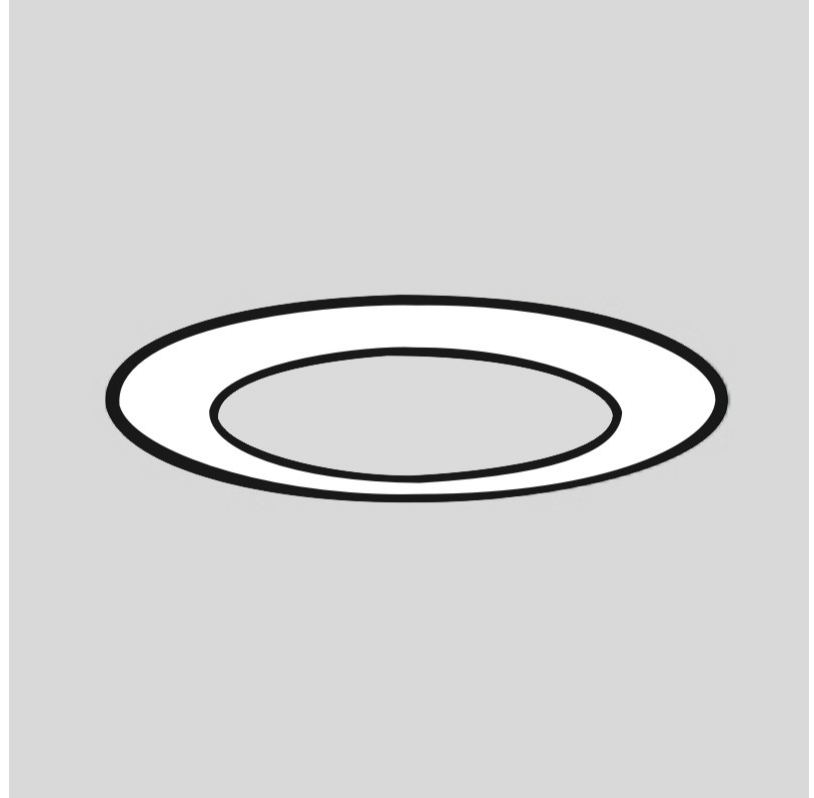
Color Temperature (°K): 3000 / 3500 / 4000
 Max. Delivered Lumen (lm): 5540 / 5733 / 5850
 CRI: >80 CRI
 Efficiency (%): 65
 Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
 IP rating: IP20

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



Ø 928mm 36 ⁹/₁₆"

Ø 1270mm 50 "

110mm 4 ⁵/₁₆"



1260mm x 940mm
49 5/8" x 37"



120mm
4 3/4"

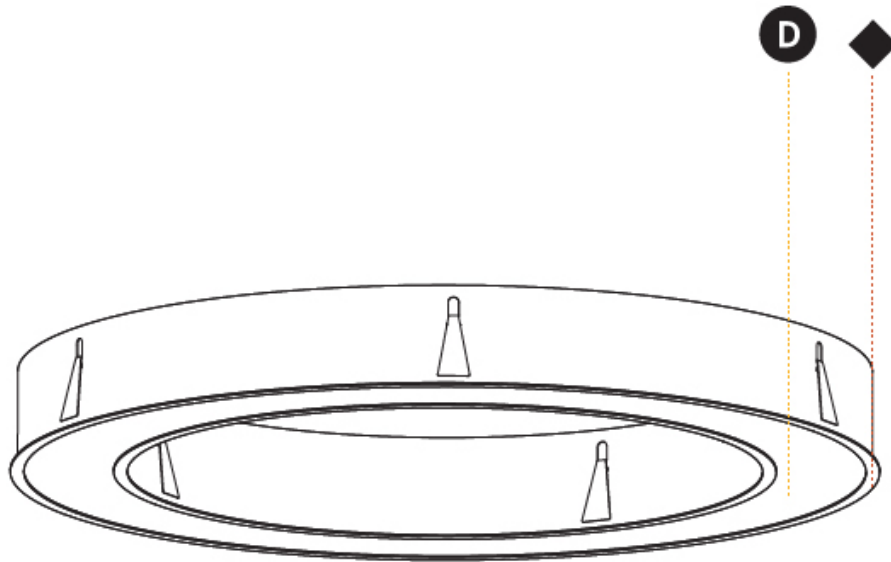


10 - 15mm
3/8" - 9/16"



A37507-

PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____



GLORIOUS COLOR FINISH CHART

PROJECT _____
 TYPE _____
 SPECIFIER _____
 QUANTITY _____
 DATE _____

Fixture Finish

Sparkling Silver - 01 (SSR)



Black Velvet - 02 (BKV)



Crystal White - 03 (CWI)



Creamy - 04 (CRY)



Hampton Bay - 05 (HAB)



Lagoon - 06 (LAG)



Urban Forest - 07 (UFT)



In the Army - 08 (ITA)



Rusty Angel - 09 (RUA)



Rusty Rush - 10 (RUR)



Milk and Chocolate - 11 (MIC)



Fade to Gray - 12 (FTG)



Mysterious Gray - 13 (MYG)



Twilight - 14 (TWT)



Lost Dream - 15 (LOD)



Purple Sky - 16 (PUS)



Fresh Oh - 17 (FRO)



Funky P. - 18 (FUP)



Kissing Aphrodite - 19 (KIA)



Poseidon's Paradise - 20 (POP)



Blue Sky - 21 (BLS)



Spring Green - 22 (SPG)



Mellow Yellow - 23 (MEY)



Golden Heart - 24 (GOH)



Gun Metal - 25 (GUM)



Champagne Cream - 26 (CHC)



Copper Mine - 27 (COM)



Ancient Bronze - 28 (ABZ)



Jazz Gold - 29 (JAG)



Olive Breeze - 30 (OBR)



Moonlight Silver - 31 (MOS)



Rosewood Red - 32 (ROR)



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



Gun Metal: No Gun Metal finish is alike. It combines a mixture of transparent and black color particles to ensure a highly individual effect and no luminaire being identical.
Champagne Cream, Copper Mine, Ancient Bronze & Jazz Gold: These finishes have slight fading from specific powder coating production. Each luminaire will slightly vary.

LEGEND

 floor-mounted	 pivotable	 special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
 wall and ceiling: recessed and surface mounted	 rotating	 warm dim / natural dimming LED
 ceiling-mounted and wall-mounted	 illuminate tilted	 rechargeable battery powered
 wall-mounted	 color of suspension cable	 fixture with natural vivid LED (upon request)
 omni-directional light distribution	 length of suspension cable	 color rendering index
 direct light distribution	 reflector degree selection	 color temperature
 direct/indirect light distribution	 super spot	 lumen (luminous flux)
 indirect light distribution	 lens	 efficacy (lumens per watt)
 asymmetric light distribution	 lens pack	 Unified Glare Rating (UGR) range from 5-40
 aura light distribution	 shine ring	 marine grade (AISI 316 stainless steel)
 round wall or ceiling cut-out	 integrated shine ring with diffuser	 walk on
 square wall or ceiling cut-out	 free individual colors 01-29	 drive on
 the supplied jig specifies the cutout dimensions	 individual colors: 00 (free of charge), 01-25 (extra charge)	 Dark Sky Compliance
 minimum distance (meters) lamp - object	 luminaire part to be colored (F1)	 Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
 recessed depth	 luminaire part to be colored (F2)	 lamp protected against explosion
 ceiling thickness in mm	 luminaire part to be colored (F3)	 blown glass using traditional methods by master glass blower
 ceiling thickness selection	 luminaire part to be colored (F4)	 acoustic material
 dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)	 luminaire part to be colored (F5)	 protection class I, protection insulation
 included or excluded LED driver/transformer/control gear	 color of 3-circuit adaptor	 protection class II, protection insulation
 separately switchable	 indirect diffuser	 ETL Certified to UL and CSA Standards
 sensor	 direct diffuser	 UL Certified to UL and CSA Standards
 remote control	 ball-proof (upon request)	 CSA Certified to UL and CSA Standards
 available upon request	 accessory	 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

 IK01	protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)
 IK02	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
 IK03	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)
 IK10	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)