

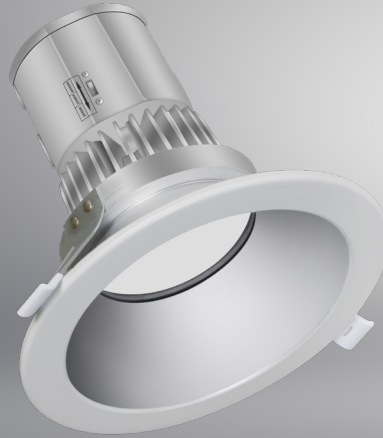
GLI-JBIDL

Junction Box Integrated Downlight



Project: _____ Location: _____ Type: _____

Model Number: _____ Qty: _____ Notes: _____ Date: _____



The GOLED 4" New Construction Downlight is an esthetically pleasing, yet highly utilitarian luminaire. Designed with speed and ease of installation considerations it reduces build costs and saves energy without compromising premium interior design. Light engines from 10W to 40W meet various illumination needs. Four aperture dimensions from 4" up to 10", and trims such as round, square and wall wash, make this a downlight a compelling option. The light engine incorporates the wiring junction box. This cuts installation costs considerably, and reduce build times.

Lighting:

- High diffusion lens for comfortable light
- High CRI: Minimum 80 color rendering index
- Color Temperatures: 3CCT adjustable (30K, 35K, 40K) or (30K, 40K, 50K)
- 80CRI+

Installation:

- Innovative J-box design eliminates the need for a traditional recessed housing
- Easy installation directly into the ceiling with adjustable butterfly clips
- New construction installation frame available
- 20W model is IC ceiling rated

Electrical:

- Junction box is integrated in to the light engine
- Class 2 high efficiency 110V-347V or 110V-277V driver
- Standard 1-10V dimming, compatible with various controls
- High power factor rating: ≥ 0.9

Details:

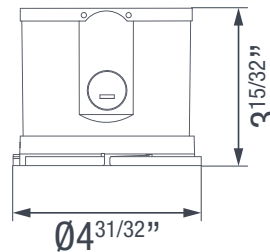
- Aluminum housing acting as a heat sink maximizing lifetime
- Spun aluminum reflector integrated with haze finish and white trim ring

Certifications:

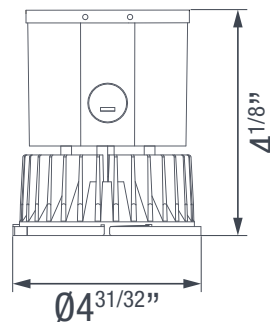
- cULus Classified
- Damp location listed
- Most light engines are IC rated. See SPECIFICATIONS table.
- 5 years warranty
- Lifespan of over 50 000 hours

Dimensions:

20W IC Light engine



40W non-IC Light engine



Ø 7 5/8"



ORDERING GUIDE

SERIES	LIGHT ENGINE	CCT	DRIVER	APERTURE	TRIM
GLI-JBIDL					
	20 - 20 Watts	3SK4 - 3 CCT adjustable (30K/35K/40K)	V1 - 110V-277	4 - 4 inches	RT - Round trim
	40 - 40 Watts	3SK5 - 3 CCT adjustable (30K/40K/50K)	V2 - 110V-347V	6 - 6 inches 8¹ - 8 inches 10¹ - 10 inches	ST - Square trim RW² - Round wall wash SW² - Square wall wash

TRIM FINISH	INSTALLATION FRAME	EMERGENCY
WH - White (standard)	SF - 3"~8" New Construction Round Frame	NB - No battery
RO² - Rose	SFJ - 3"~8" New Construction Round Frame With J-Box	BB - 8W battery backup
HZ³ - Haze	MF - 4"~6" New Construction Square Frame Kit	
	MFJ - 4"~6" New Construction Square Frame With J-Box	
	LF - 10" New Construction Round Frame	

Notes:

1. Only available with round trim
2. Only available with 4in and 6in aperture
3. Only available with 4in, 6in, and 8in aperture

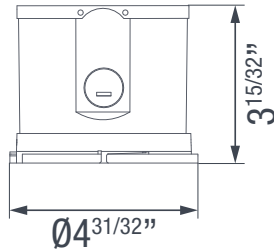
SPECIFICATIONS

MODEL	WATTAGE	LUMENS	LUMENS/WATT	TRIM SIZE	CCT	IC CEILING
GLI-JBIDL-20	20W/15W/10W	1600LM/1200LM/800LM	80LM/W	4", 6", 8", 10"	4000K	Yes
GLI-JBIDL-40	40W/34W/27W	3200LM/2720LM/2160LM	80LM/W	4", 6", 8", 10"	4000K	No

DIMENSIONS

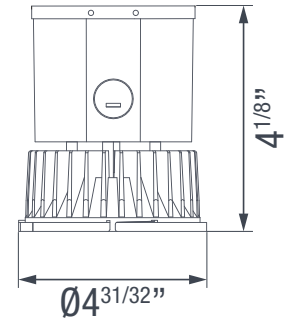
Engine

IC



20W IC

NON-IC



40W NON-IC

TRIM DIMENSIONS

Round Trims

4"



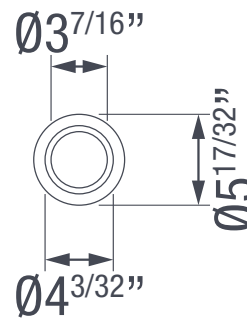
White Ring



Haze Ring



Rosé Ring



Mounting Diameters: $4^{11/16}$ " - $5^{3/16}$ "

6"



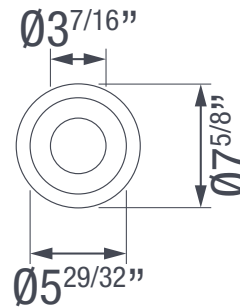
White Ring



Haze Ring



Rosé Ring



Mounting Diameters: 6 " - $7^{5/16}$ "

TRIM DIMENSIONS

Round Trims

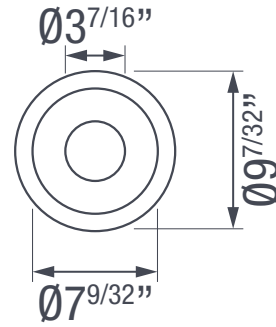
8"



White Ring



Haze Ring

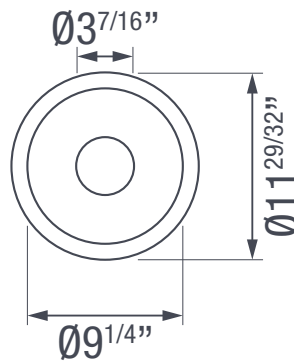


Mounting Diameters: 7¹³/₃₂" - 8²⁹/₃₂"

10"



White Ring



Mounting Diameters: 9¹/₂" - 10¹³/₁₆"

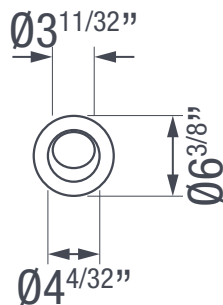
Round Wall Wash Trims

4"



Tilt: 15°

Mounting Diameters: 5⁵/₁₆" - 6"

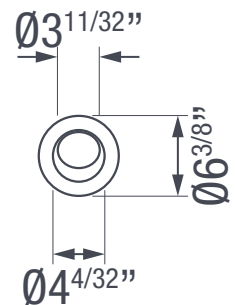


6"



Tilt: 15°

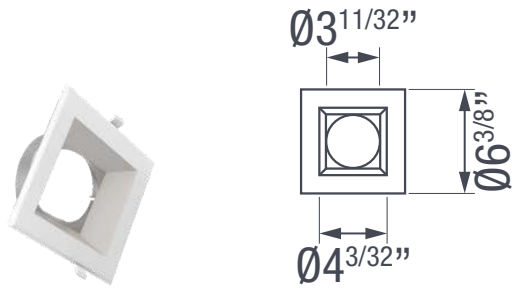
Mounting Diameters: 6" - 7⁵/₁₆"



TRIM DIMENSIONS

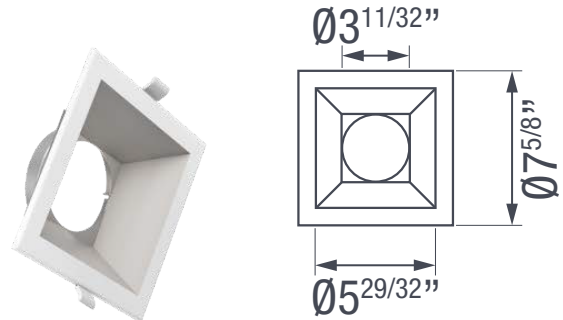
Square Trims

4"



Mounting Diameters: $5\frac{5}{16}"$ - $6"$

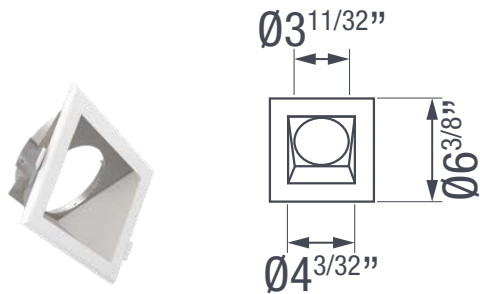
6"



Mounting Diameters: $6"$ - $7\frac{5}{16}"$

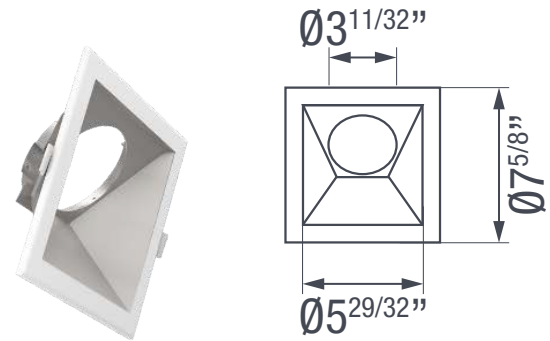
Square Wall Wash Trims

4"



Tilt: $15\text{-}20^\circ$
Mounting Diameters: $5\frac{5}{16}"$ - $6"$

6"



Tilt: $15\text{-}20^\circ$
Mounting Diameters: $6"$ - $7\frac{5}{16}"$

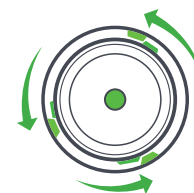
Whatever You Need, There's A Perfect Match For Your Project

We offer various options for trim sizes and shapes. One engine allows for seamless integration of multiple trim options with easy and tool-free installation, making it more flexible and can reduce inventory. A stunning range of results, one product family can illuminate a whole project with your choice of light and aesthetics options. JBIDL series modules that deliver exactly what your project demands.



Split design of LED light engine and trim

It is a breakthrough addition to the downlight family. It takes the one engine's exceptional flexibility, simplicity and performance and adapts it in a square or round format that delivers perfect alignment every time. It is the perfect foundation for a fully interchangeable system of modules and trims that give your endless choice over how your lighting works and looks.



The Twist & Lock feature allows for easy, tool-free installations and seamless integration of multiple trims.

Built on Rigorous Standards

We uphold the highest standards of quality, ensuring that all our commercial products undergo rigorous testing to guarantee top performance and reliability.

UL Driver Inside The Box

120-347V AC input
with 1-10V dimming
function or 110-277V.

Matte Diffuser

Deeply regressed
matte diffuser conceals
the LEDs from view.

Haze Trim, White Trim Ring

Spun aluminum reflector
integrate with haze finish
and white trim ring with
shadow free operation.



LED Light Engine With J-Box Design

Integrated J-Box for direct wire
eliminated remote boxes. The
perfect, economic solution for
new construction application.

Durable Tension Clip

Allows for fast and easy
flush installation with easy
install spring clips.

Why Engineer LED Downlight With Integral Junction Box?

Integrated J-Box for direct wire eliminates remote cans and boxes. This makes it the perfect, economic, solution for new construction application.

The downlight is built with an integral junction box that eliminates the need for a traditional recessed housing and mounts directly into ceiling in the new construction.



Simple Installation

A low profile and contractor friendly features make the downlight easy to install in new construction projects. The fixture simply gets wired to a wall switch and placed into the ceiling.

Engineered To Save You Time and Money

Contractor-Friendly

- No Can Required
- Saving Job Site Cost
- Simple & Quick Installation

Wholesaler-Friendly

- Flexibility
- Lower Stock Risk
- Saving Shipping Costs



Innovative New Construction Frame Kits Option All In One, Now Made Simpler

GOled understands how challenging it can be to install full range JBDL series downlights in one frame kit and ensure they are perfectly aligned for new construction. That's why they've incorporated a suite of features that work together seamlessly to give you a flawless fit with less hassle. This frame kit can suitably for round trims from 3" to 10".



An Ideal Match, JBDL Downlight + Frame Kits

Because the frame kit was specifically designed for the JBDL series, it delivers the perfect aperture for a tight, seamless fit. This minimizes the space and materials required for installation.



INSTALLATION

Housing Options

Optional New Construction Frame Kits

Round



Square

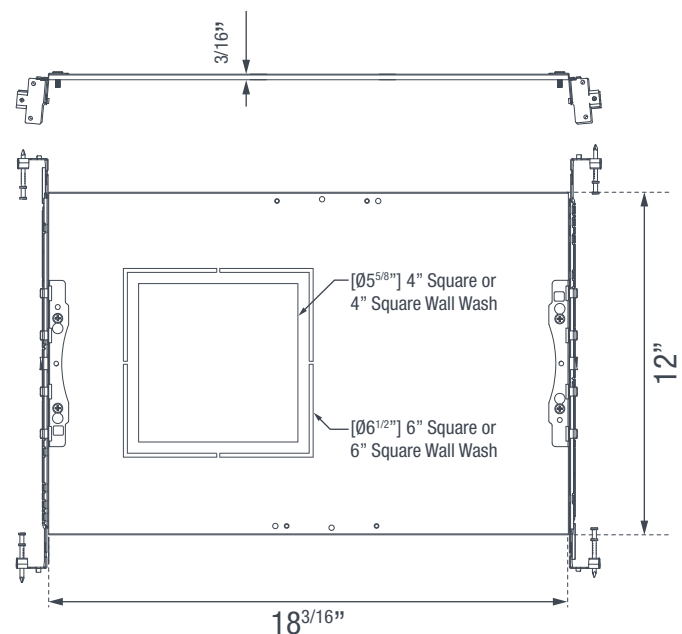
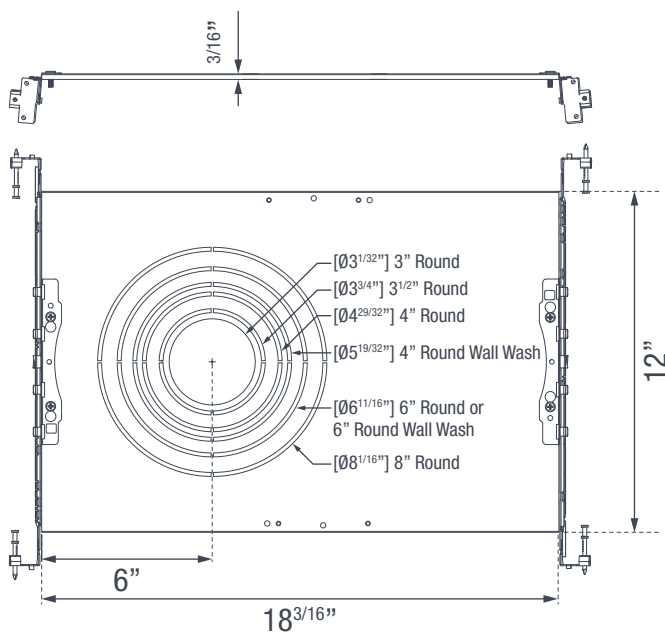


Optional New Construction Frame Kits with J-Box

Round

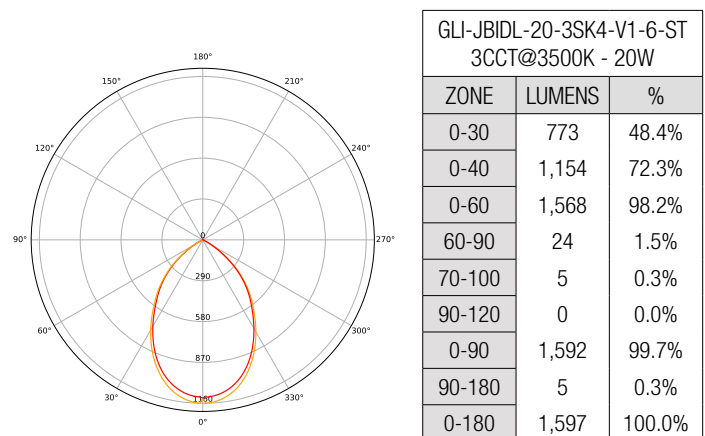
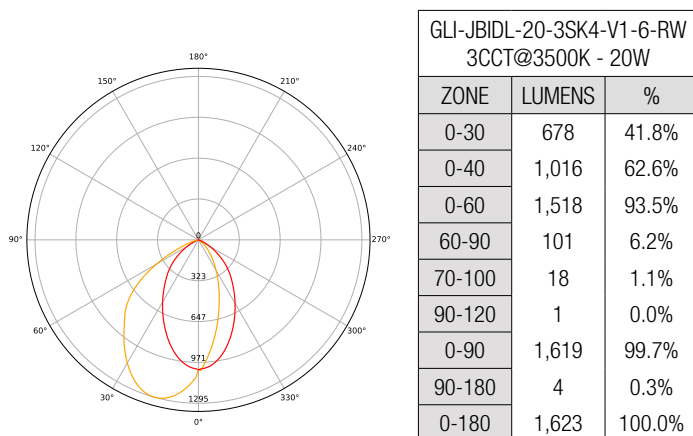
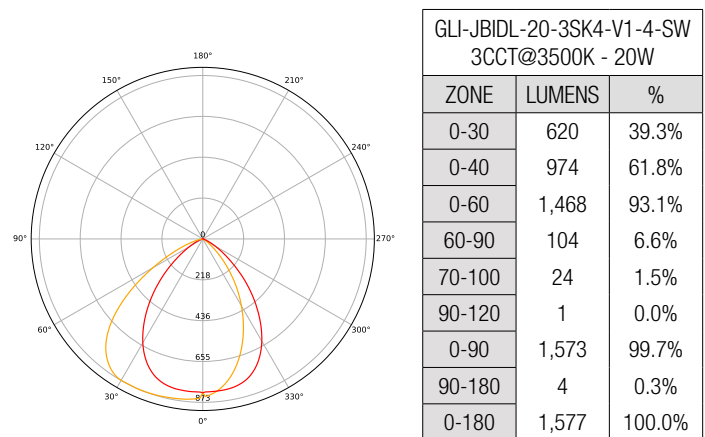
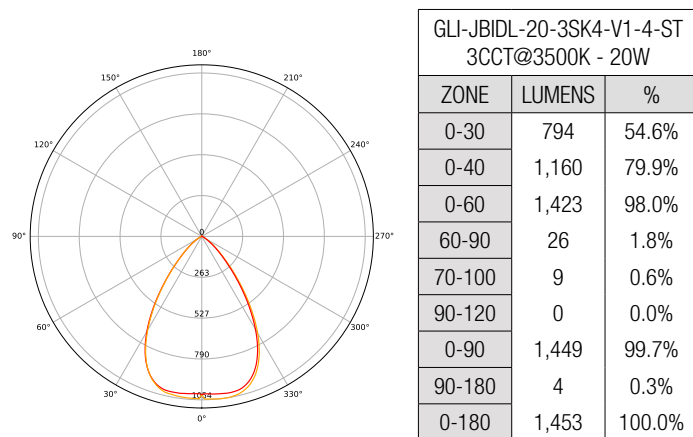
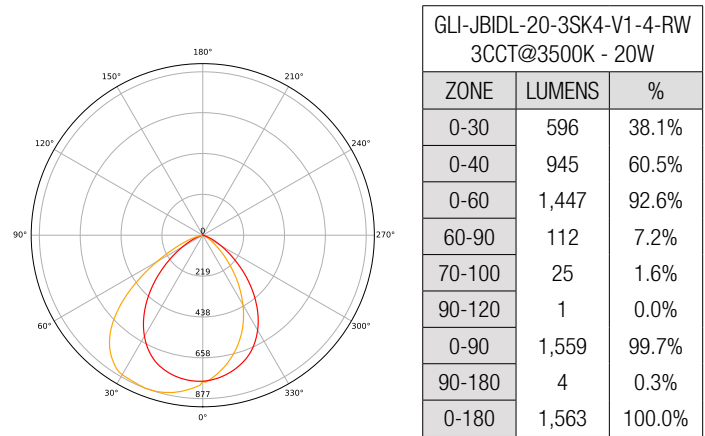
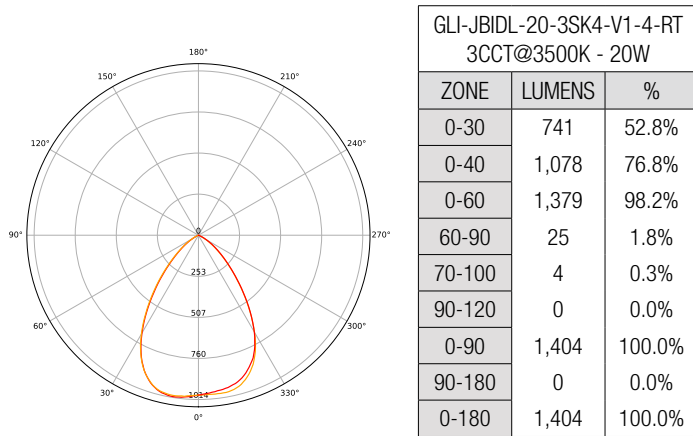


Square



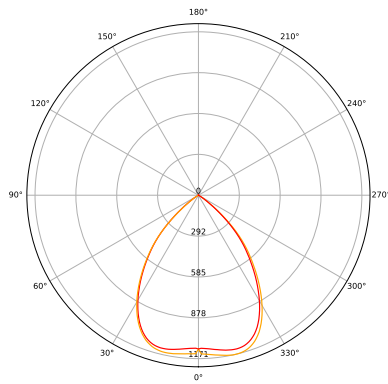
PHOTOMETRY

IES Files

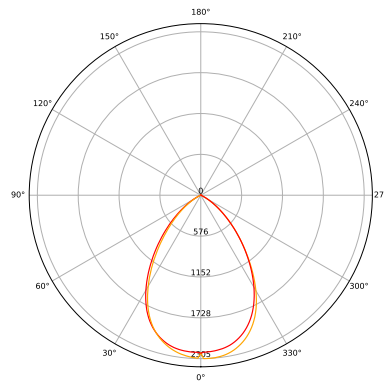


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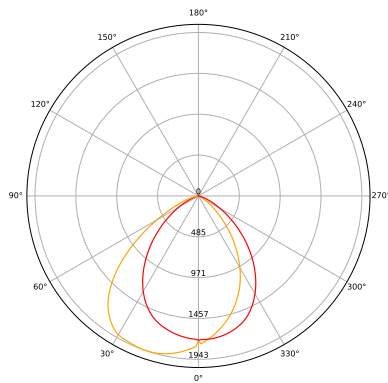
[↗ IES Files](#)



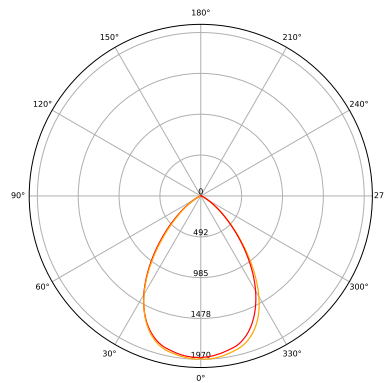
GLI-JBIDL-20-3SK4-V1-10-XX 3CCT@3500K - 20W		
ZONE	LUMENS	%
0-30	883	52.3%
0-40	1,326	78.5%
0-60	1,682	99.6%
60-90	2	0.1%
70-100	0	0.0%
90-120	0	0.0%
0-90	1,685	99.7%
90-180	5	0.3%
0-180	1,689	100.0%



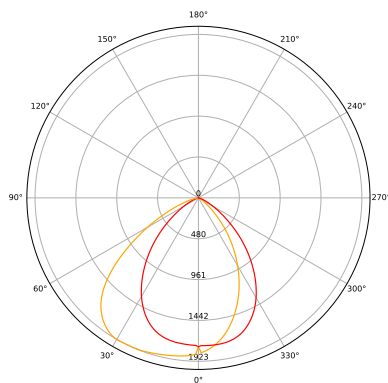
GLI-JBIDL-40-3SK4-V1-4-RT 3CCT@3500K - 40W		
ZONE	LUMENS	%
0-30	1,602	50.7%
0-40	2,357	74.6%
0-60	3,097	98.1%
60-90	53	1.7%
70-100	7	0.2%
90-120	1	0.0%
0-90	3,149	99.7%
90-180	9	0.3%
0-180	3,158	100.0%



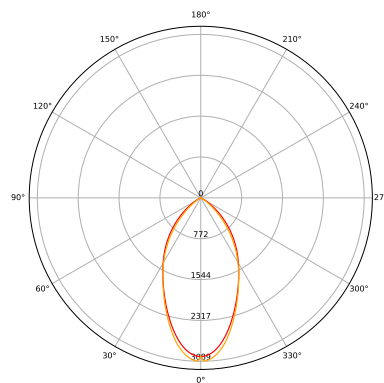
GLI-JBIDL-40-3SK4-V1-4-RW 3CCT@3500K - 40W		
ZONE	LUMENS	%
0-30	1,307	38.4%
0-40	2,068	60.8%
0-60	3,149	92.6%
60-90	243	7.2%
70-100	56	1.6%
90-120	1	0.0%
0-90	3,392	99.7%
90-180	9	0.3%
0-180	3,401	100.0%



GLI-JBIDL-40-3SK4-V1-4-ST 3CCT@3500K - 40W		
ZONE	LUMENS	%
0-30	1,450	49.1%
0-40	2,177	73.8%
0-60	2,865	97.1%
60-90	77	2.6%
70-100	23	0.8%
90-120	1	0.0%
0-90	2,942	99.7%
90-180	8	0.3%
0-180	2,951	100.0%



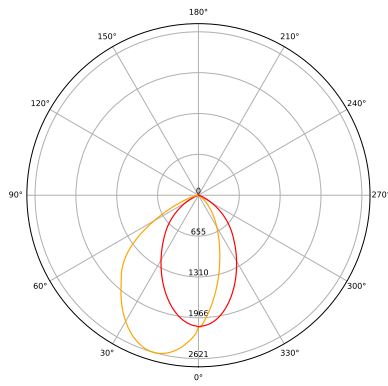
GLI-JBIDL-40-3SK4-V1-4-SW 3CCT@3500K - 40W		
ZONE	LUMENS	%
0-30	1,324	38.6%
0-40	2,089	60.9%
0-60	3,174	92.6%
60-90	244	7.1%
70-100	58	1.7%
90-120	2	0.0%
0-90	3,418	99.7%
90-180	10	0.3%
0-180	3,428	100.0%



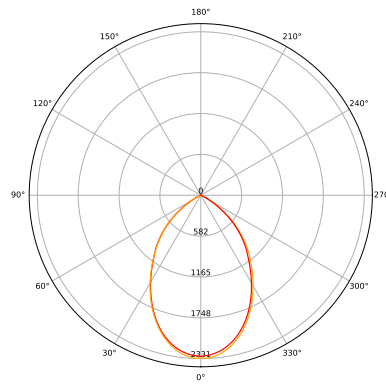
GLI-JBIDL-40-3SK4-V1-6-RT 3CCT@3500K - 40W		
ZONE	LUMENS	%
0-30	1,684	217.4%
0-40	2,388	308.4%
0-60	3,057	394.7%
60-90	33	4.2%
70-100	3	0.4%
90-120	1	0.1%
0-90	3,090	398.9%
90-180	9	1.1%
0-180	3,098	400.0%

PHOTOMETRY

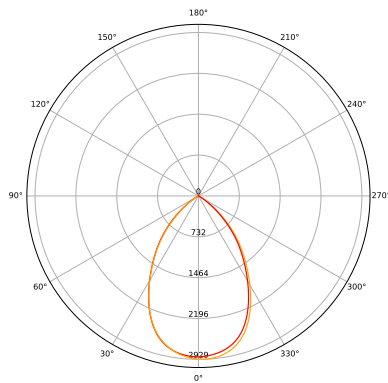
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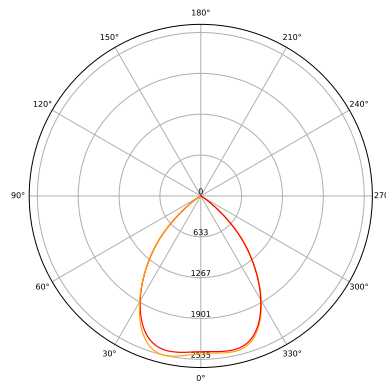
GLI-JBIDL-40-3SK4-V1-6-RW 3 CCT@3500K - 40W		
ZONE	LUMENS	%
0-30	1,406	40.8%
0-40	2,120	61.6%
0-60	3,198	92.8%
60-90	237	6.9%
70-100	45	1.3%
90-120	1	0.0%
0-90	3,436	99.7%
90-180	9	0.3%
0-180	3,445	100.0%



GLI-JBIDL-40-3SK4-V1-6-ST 3 CCT@3500K - 40W		
ZONE	LUMENS	%
0-30	1,562	48.0%
0-40	2,329	71.6%
0-60	3,189	98.0%
60-90	56	1.7%
70-100	10	0.3%
90-120	1	0.0%
0-90	3,246	99.7%
90-180	9	0.3%
0-180	3,255	100.0%



GLI-JBIDL-40-3SK4-V1-8-XX 3 CCT@3500K - 40W		
ZONE	LUMENS	%
0-30	1,984	53.8%
0-40	2,869	77.8%
0-60	3,662	99.3%
60-90	15	0.4%
70-100	1	0.0%
90-120	1	0.0%
0-90	3,677	99.7%
90-180	10	0.3%
0-180	3,687	100.0%



GLI-JBIDL-40-3SK4-V1-10-XX 3 CCT@3500K - 40W		
ZONE	LUMENS	%
0-30	1,907	52.1%
0-40	2,862	78.2%
0-60	3,646	99.6%
60-90	6	0.2%
70-100	1	0.0%
90-120	1	0.0%
0-90	3,652	99.7%
90-180	10	0.3%
0-180	3,662	100.0%