



3G-DL40SA

4.0" SQUARE ADJUSTABLE
DOWNLIGHT
DYNAMIC WHITE

4.0" square, adjustable high performance downlight
Dim to Warm and Tunable White LED options up to 2000lm (90+ CRI)
Regressed LED source for enhanced glare control
Proprietary hot aiming mechanism with sliding center beam optimization
0° - 40° lockable tilt and 362° lockable rotation
Remodel housing available along with other housing options
1% dimming standard with several integral driver options



3GD **3GT**

ORDERING INFORMATION

PROJECT:

TYPE:

CATALOG #:

DATE:

CAT. NO	LED SOURCE	LUMEN OUTPUT	CRI	BEAM ANGLE	VOLTAGE
3G-DL40SA	DW - DIM TO WARM (1800-3000K)	08 - 800 LUMENS	H90 - 90+ CRI	20D - 20° ³	UNV - 120/277V
	TW - TUNABLE WHITE ^{1,2} (2700K-6500K)	12 - 1200 LUMENS		40D - 40°	120 - 120V
		20 - 2000 LUMENS		60D - 60°	347 - 347V (0-10V ONLY)

DRIVER	FLANGE TYPE	BEVELED INSERT	HOUSING TYPE
DIM - 0-10V (STANDARD 100-1%) LE - PHASE DIMMING ⁴ (TRIAC/ELV, 100-1%) LTEA - LUTRON HI-LUME LTEA ⁴ (FWD PHASE, 100-1%) DO1 - 0-10V (100-0.1%) ¹ DALI - DALI (100-0.1%) ¹ DHL2 - LUTRON HI LUME LDE1 (1% ECOSYSTEM) DMX - DMX (100-0.1%) ¹	WT - WHITE TRIM ST - SILVER TRIM BT - BLACK TRIM XTR - TRIMLESS	WI - WHITE SI - SILVER BI - BLACK	RMD - REMODEL (NON-IC) NCF - NEW CONSTRUCTION FRAME (NON-IC) NC - NEW CONSTRUCTION HOUSING (CP RATED) IC - NEW CONSTRUCTION IC HOUSING

OPTIONS

SF70 - SOFTENING LENS (SUPPLIED STANDARD)
LS70 - LINEAR SPREAD LENS
SB70 - SANDBLASTED LENS
CP - CHICAGO PLENUM ⁵
BH - C-CHANNEL BAR HANGERS
EMR - EMERGENCY BATTERY (REMOTE) ⁶

Maximum 1 optical accessory

- ¹ Tunable White option available with DO1, DALI and DMX drivers
² Tunable White option not available with Remodel and New Construction Frame Housing
³ 20D reflector available with 800 lumen output only
⁴ Phase dimming options available in 120V only
⁵ Chicago Plenum option available with New Construction Housing
⁶ Emergency battery installed remotely by others. Not accessible through the inside of the fixture

3GD - Warm Dim
3GT - Tunable White

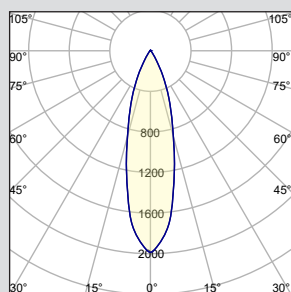
APRIL 22, 2021

PERFORMANCE CHART BASED ON 60° BEAM AND 3000K SOURCE WITH SOFTENING LENS

DIM TO WARM LUMEN OUTPUT	90+ CRI (3000K)		
	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
800LMs	N/A	N/A	N/A
1200LMs	875	15.4	57
2000LMs	1228	23.2	53

PHOTOMETRY

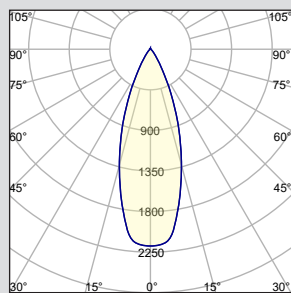
20D - 20° BEAM ANGLE



3G-DL40SA-DW-08-H90-20D

LUMEN OUTPUT: 800LMs
 DELIVERED LUMENS: 603LMs
 SYSTEM WATTS: 10.3W
 EFFICACY: 59LPW
 CRI: 90+
 CCT: 3000K

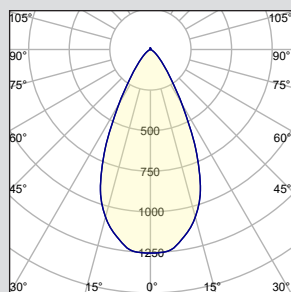
40D - 40° BEAM ANGLE



3G-DL40SA-DW-12-H90-40D

LUMEN OUTPUT: 1200LMs
 DELIVERED LUMENS: 889LMs
 SYSTEM WATTS: 15.4W
 EFFICACY: 58LPW
 CRI: 90+
 CCT: 3000K

60D - 60° BEAM ANGLE



3G-DL40SA-DW-12-H90-60D

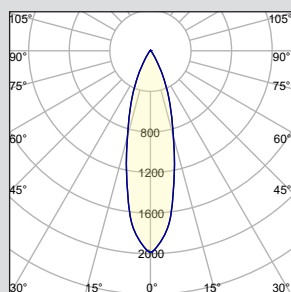
LUMEN OUTPUT: 1200LMs
 DELIVERED LUMENS: 875LMs
 SYSTEM WATTS: 15.4W
 EFFICACY: 57LPW
 CRI: 90+
 CCT: 3000K

PERFORMANCE CHART BASED ON 60° BEAM ANGLE WITH SOFTENING LENS

TUNABLE WHITE LUMEN OUTPUT	90+ CRI (2700K)			90+ CRI (3500K)			90+ CRI (6500K)		
	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
800LMs	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1200LMs	805	16.6	49	864	16.6	52	951	16.6	57
2000LMs	1160	24.5	47	1184	24.5	48	1385	24.5	57

PHOTOMETRY

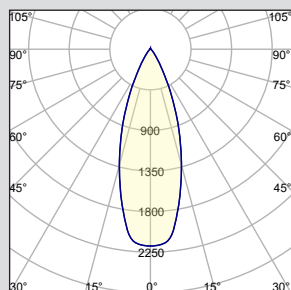
20D - 20° BEAM ANGLE



3G-DL40SA-TW-08-H90-20D

LUMEN OUTPUT: 800LMs
 DELIVERED LUMENS: 624LMs
 SYSTEM WATTS: 12.6W
 EFFICACY: 50LPW
 CRI: 90+
 CCT: 3500K

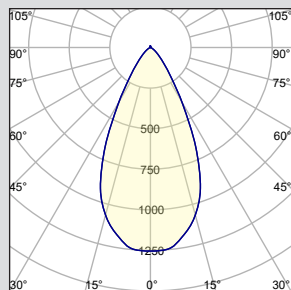
40D - 40° BEAM ANGLE



3G-DL40SA-TW-12-H90-40D

LUMEN OUTPUT: 1200LMs
 DELIVERED LUMENS: 885LMs
 SYSTEM WATTS: 16.6W
 EFFICACY: 53LPW
 CRI: 90+
 CCT: 3500K

60D - 60° BEAM ANGLE



3G-DL40SA-TW-12-H90-60D

LUMEN OUTPUT: 1200LMs
 DELIVERED LUMENS: 864LMs
 SYSTEM WATTS: 16.6W
 EFFICACY: 52LPW
 CRI: 90+
 CCT: 3500K

TECHNICAL**HOUSING**

Remodel, new construction frame, shallow housing, and IC housing options available
Maximum ceiling thickness of 1" (1.5" for Remodel housing). Consult factory for modifications
All housing options designed to be easily converted in field to trim or trimless with minimal components
Housing rated for #12 AWG (4 in, 4 out), 90°C conductors and through branch wiring

BEVELED INSERT

Cast aluminum beveled insert with matte powder coated finish
4.0" aperture with regressed LED source for enhanced glare control

TRIM

Cast aluminum trim flange with matte powder coated finish and minimal 0.375" overlap

TRIMLESS

Cast aluminum mudding flange features a grooved surface for easy mud-in application
Integral blocking support provided to ensure fixture is properly secured within ceiling structure

ADJUSTABILITY

Proprietary hot aiming mechanism with sliding center beam optimization
0° - 40° lockable tilt and 362° lockable rotation with Phillips screwdriver

OPTICS

Regressed LED source for enhanced glare control
Proprietary anodized, aluminum reflectors are field replaceable (20° reflector not interchangeable)
Available in 20°, 40°, 60°
All models provided standard with softening lens

ELECTRICAL

Standard 0-10V, constant current drivers with 100-1% dimming range and >0.9 power factor
Standard 120/277V universal voltage drivers. Optional 347V, 0-10V drivers
120V Forward Phase/Reverse Phase driver option with 100-1% dimming range
eldoLED 0-10V driver option available with 100-0.01% dimming range
eldoLED DALI and Lutron EcoSystem driver options available with 100-1% dimming range
DMX driver option available with 100-0% dimming range
All drivers are integral and easily accessible through fixture aperture

LED SYSTEM

Bridgelux LED module (field replaceable)
Color consistency <3 SDCM
Standard 90+ CRI
Dim to Warm (1800K-3000K)
Tunable White (2700K-6500K)
L70 >50,000 hours
5 Year Warranty

MOUNTING

Trim fixture designed for use in drywall, wood, acoustic, and other architectural ceilings
Trimless fixture designed for use in drywall, mud-in ceiling applications
Recommended ceiling cut-outs. Trim version (4 11/16" x 4 11/16"). Trimless version (5 1/16" x 5 1/16")
New construction frame ships with bar hangers (14" to 26" extension)
Standard new construction and IC housings available with optional c-channel bar hangers

LISTING

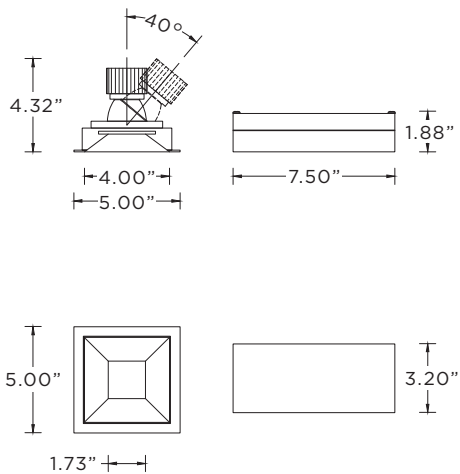
ETL listed and tested to cUL standards. Suitable for dry and damp locations

WARRANTY

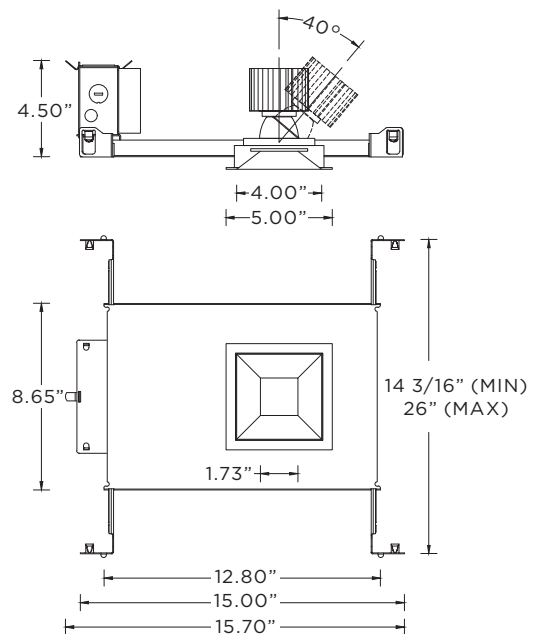
5 Year Warranty on LED and drivers
Manufacturer 1 Year Warranty for defects in material and workmanship under normal use
Ambient temperature at fixture should not exceed 25°C

TRIM HOUSING OPTIONS

RMD - Remodel (Non-IC)

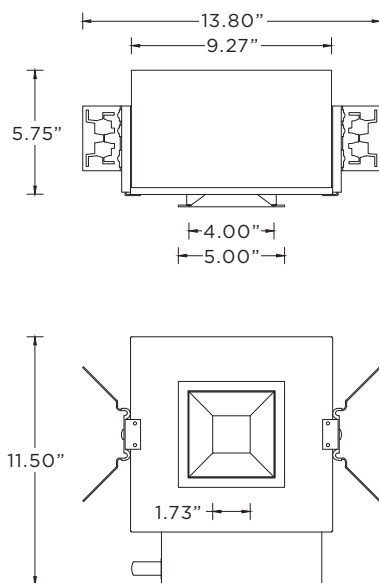


NCF - New Construction Frame (Non-IC)



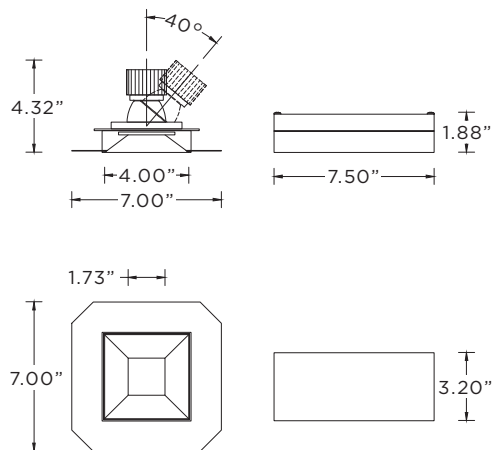
NC - New Construction Housing (Non-IC and CP rated)

IC - New Construction IC Housing

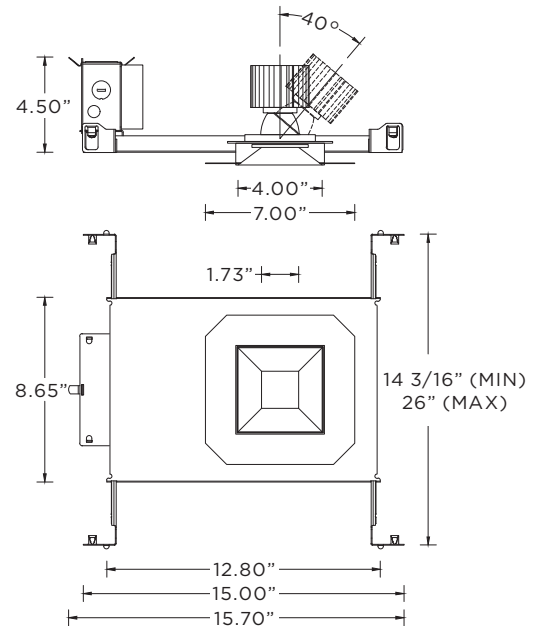


TRIMLESS HOUSING OPTIONS

RMD - Remodel (Non-IC)



NCF - New Construction Frame (Non-IC)



NC - New Construction Housing (Non-IC and CP rated)

IC - New Construction IC Housing

