



Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____

G3 LED OPTIC REFLECTOR ACCESSORIES

FOR USE WITH:

IC20/IC20RLED SERIES
IC22/IC22RLED SERIES
IC920/IC920RLED SERIES
IC922/IC922RLED SERIES
J6RLEG3 SERIES

PRODUCT DESCRIPTION

Field installable LED optic reflector accessories for Juno 5" and 6" G3 LED downlights and 6" LED eyeball retrofit trim

- Provides option to the wide flood distribution shipped standard with LED downlights
- Three alternate beam spreads available for LED light control similar to options available with incandescent lamps.

PRODUCT SPECIFICATIONS

Optic Accessories Available in three beam spreads optimized for G3 LED downlights: 50° medium flood (M), 37° narrow flood (N) and 10° spot (S) • Lensed reflector conceals the LED from direct view • Optics are field interchangeable • Ordered and shipped separately.

Installation Twist and lock design allows for easy installation of optic accessory into G3 LED housing or trim.

Testing All reports are based on published industry procedures; field performance may differ from field performance.

Product specifications subject to change without notice.



ORDERING INFORMATION

Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)
LEDOPTICG3-N	Narrow Flood Optic (37°)
LEDOPTICG3-S	Spot Optic (10°)

To order, specify catalog number.

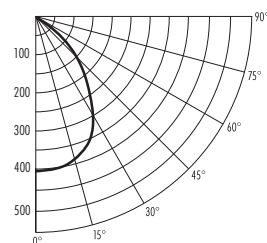
STANDARD WIDE FLOOD (SHIPS WITH G3 LED DOWNLIGHT)

PHOTOMETRIC REPORT

Test Report #: LTL25974R
 Catalog No: IC22LEDG3-35K
 with 24W-WH Trim
 and standard wide flood optic

Luminaire Spacing Criterion: 1.16

Luminaire LPW: 64



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees	Candelas
Vertical	0°
0	404
5	401
15	379
25	337
35	261
45	139
55	61
65	28
75	16
85	4
90	0

Multiplier: 27K - 0.90
 3K - 0.97
 41K - 1.04

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)
 Ceiling 80% Wall 50% Floor 20%

Spacing	RCR1	RCR3	RCR5
4.0'	46	39	33
5.0'	30	25	21
6.0'	21	17	15
7.0'	17	14	12
8.0'	13	11	9
9.0'	10	8	7
10.0'	7	6	5

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0 - 30°	300	N/A	44.4
0 - 40°	461	N/A	68.2
0 - 60°	625	N/A	92.5
0 - 90°	675	N/A	100.0

INITIAL FOOTCANDLES (One Unit, 10.6W, 79.8° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4	25.3	6.7'
6	11.2	10.0'
8	6.3	13.4'
10	4.0	16.7'

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	11731
55	6304
65	4019
75	3756
85	2961

Fixtures tested to IES recommended standard for solid state lighting per LM-79-08. Photometric performance on a single unit represents a baseline of performance for the fixture. Results may vary in the field.

For IC922G3 Series, use 1.336 multiplier.

G3 LED OPTIC REFLECTOR ACCESSORIES

FOR USE WITH:
IC20/IC20RLED SERIES, IC22/IC22RLED SERIES
IC920/IC920RLED SERIES, IC922/IC922RLED SERIES
J6RLEG3 SERIES

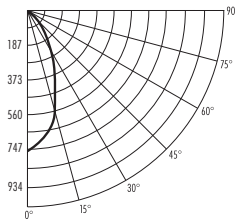
MEDIUM FLOOD (SHIPS AS ACCESSORY)

PHOTOMETRIC REPORT

Test Report #: PT11111804R
 Catalog No: IC22LEDG3-35K
 with 24W-WH Trim
 and LEDOPTICG3-M
 medium flood optic

Luminaire Spacing Criterion: 0.76

Luminaire LPW: 65



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees	Vertical	0°
0	747	
5	712	
15	552	
25	380	
35	226	
45	87	
55	36	
65	21	
75	12	
85	3	
90	0	

Multiplier: 27K - 0.90
 3K - 0.97
 41K - 1.04

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)
 Ceiling 80% Wall 50% Floor 20%

Spacing	RCR1	RCR3	RCR5
4.0'	46	39	33
5.0'	30	25	21
6.0'	21	17	15
7.0'	17	14	12
8.0'	13	11	9
9.0'	10	9	7
10.0'	7	6	5

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	395	N/A	58.2
0-40°	536	N/A	79.0
0-60°	641	N/A	94.4
0-90°	679	N/A	100.0

INITIAL FOOTCANDLES (One Unit, 10.4W, 50.8° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4	46.7	3.8'
6	20.8	5.7'
8	11.7	7.6'
10	7.5	9.5'

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	6754
55	3428
65	2659
75	2605
85	1934

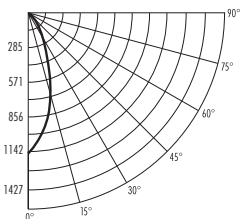
NARROW FLOOD (SHIPS AS ACCESSORY)

PHOTOMETRIC REPORT

Test Report #: PT11112102R
 Catalog No: IC22LEDG3-35K
 with 24W-WH Trim
 and LEDOPTICG3-N
 narrow flood optic

Luminaire Spacing Criterion: 0.60

Luminaire LPW: 68



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees	Vertical	0°
0	1142	
5	1063	
15	699	
25	366	
35	237	
45	43	
55	23	
65	16	
75	11	
85	2	
90	0	

Multiplier: 27K - 0.90
 3K - 0.97
 41K - 1.04

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)
 Ceiling 80% Wall 50% Floor 20%

Spacing	RCR1	RCR3	RCR5
4.0'	48	41	36
5.0'	31	26	23
6.0'	21	18	16
7.0'	17	15	13
8.0'	14	12	10
9.0'	11	9	8
10.0'	8	7	6

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	466	N/A	66.3
0-40°	605	N/A	86.2
0-60°	672	N/A	95.6
0-90°	702	N/A	100.0

INITIAL FOOTCANDLES (One Unit, 10.4W, 36.5° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4	71.4	2.6'
6	31.7	4.0'
8	17.8	5.3'
10	11.4	6.6'

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	3337
55	2155
65	2127
75	2388
85	1289

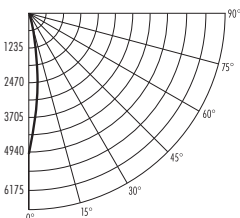
SPOT (SHIPS AS ACCESSORY)

PHOTOMETRIC REPORT

Test Report #: PT11111805R
 Catalog No: IC22LEDG3-35K
 with 24W-WH Trim and
 LEDOPTICG3-S spot optic

Luminaire Spacing Criterion: 0.20

Luminaire LPW: 63



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees	Vertical	0°
0	4940	
5	2559	
15	604	
25	205	
35	96	
45	54	
55	35	
65	22	
75	7	
85	0	
90	0	

Multiplier: 27K - 0.90
 3K - 0.97
 41K - 1.04

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)
 Ceiling 80% Wall 50% Floor 20%

Spacing	RCR1	RCR3	RCR5
4.0'	45	40	36
5.0'	29	25	23
6.0'	20	18	16
7.0'	16	14	13
8.0'	13	11	10
9.0'	10	9	8
10.0'	7	6	6

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	489	N/A	74.7
0-40°	551	N/A	84.2
0-60°	625	N/A	95.5
0-90°	655	N/A	100.0

INITIAL FOOTCANDLES (One Unit, 10.4W, 10.5° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4	308.8	0.7'
6	137.2	1.1'
8	77.2	1.5'
10	49.4	1.8'

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	4211
55	3330
65	2792
75	1520
85	0

Fixtures tested to IES recommended standard for solid state lighting per LM-79-08. Photometric performance on a single unit represents a baseline of performance for the fixture. Results may vary in the field.



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