

Project _____
 Catalogue n° _____

Type _____
 Date _____



R21H

ROUND ECONOMIC AND HIGH PERFORMING LUMINAIRE

CCT AND POWER SELECTABLE INTEGRATED SENSOR



100-150 W



200-240 W

Our economic series of LED High Bays are an energy efficient solution with a simple design. This type of luminaire is ideal for any application such as warehouses, manufacturing facilities, sports arenas, and other large high ceiling indoor applications. The IP65 rating allows this fixture to be installed where dust and water spray may be present. Meets NEMA 4X and NSF.

FEATURES & SPECIFICATIONS

CONSTRUCTION

Physical Characteristics

- Pure light aluminum shell provides optimal heat dissipation and high lumen efficacy
- Clear polycarbonate lens over LEDs provides a high light efficacy. Standard 90° beam angle
- CCT and Power Select switches are placed discretely inside the housing
- 10' power cable included in all configurations

Mounting

- Hook mount standard. The hook is removable for ½" NPT conduit mounting. For additional security, use a safety cable accessory (not included). Trunnion with pivot range (± 90°) is also available for yoke bracket surface mounting (see accessories below)

AVAILABLE REFLECTORS



ALUMINUM REFLECTOR



CLEAR PC REFLECTOR

PERFORMANCE DATA

- Available in both 4 000 and 5 000 K single color temperatures, or 4 000/5 000 K selectable color temperature
- 80+ CRI for true color accuracy
- Electrical Ratings: 120-347 V
- Estimated life of over 54 000 hours to L70
- 0-10 V dimming driver. Dimming cable included with this luminaire
- 4 kV surge protection
- Operating temperature: -40°C to +50°C [-40°F to +122°F]

COMPLIANCE

- cULus certified for wet locations
- Meets NSF requirements (Splash Zone and Non Food Zone)
- Meets requirements of ICES-005 (A)
- Meets IP65 /NEMA 4X

OVERVIEW			
LIGHT SOURCE	LED	EFFICACY (LM/W)	133 - 168
WATTS (W)	100/120/150 150/200 200/240 100, 150, 200, 240	COLOR TEMPERATURE (K)	4 000/5 000 4 000, 5 000
LUMEN OUTPUT (LM)	13 465 - 37 900	CRI	80+
<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>WARRANTY 5 YEAR WARRANTY</p> </div> <div style="text-align: center;"> <p>CCT SELECTABLE¹</p> </div> <div style="text-align: center;"> <p>POWER SELECTABLE¹</p> </div> <div style="text-align: center;"> <p>QUICKSHIP</p> </div> <div style="text-align: center;"> <p>LED</p> </div> <div style="text-align: center;"> <p>WET LOCATION</p> </div> <div style="text-align: center;"> <p>DIMMABLE</p> </div> </div> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 10px;"> <div style="text-align: center;"> <p>DLC LISTED PREMIUM</p> </div> <div style="text-align: center;"> <p>UL CERTIFIED</p> </div> </div>			

¹Integrated sensor, multi-volt driver, CCT and Power selectable on some configurations. Consult Quick Ship and Technical Specifications tables for more details.

Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/search

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions.

All products are subject to change or may be discontinued any time without notice.

QUICK SHIP ORDERING GUIDE



SINGLE CCT AND SINGLE POWER⁶

PART NUMBER	DLC UNIQUE ID	WATTS	VOLTS	COLOR TEMP.	LUMEN OUTPUT	EFFICACY	CRI	LIFE L70	TESTED HOURS LM-80	BEAM ANGLE	POWER FACTOR	THD
		[W]	[V AC]	[K] ²	[LM] ³	[LM/W]		[HRS] ⁴	[HRS] ⁴			
R21H-LA1-2/40K	PLXGKLS4C0QN	100	120-277	4 000	13 465	135	80+	> 54 000	9 000	90°	> 0.9	< 15
R21H-LA1-2/50K	PLNEL76XEL61	100	120-277	5 000	13 524	135	80+	> 54 000	9 000	90°	> 0.9	< 15
R21H-LA2-2/40K	PLPHYTZKX8HH	151	120-277	4 000	20 315	135	80+	> 54 000	9 000	90°	> 0.9	< 15
R21H-LA2-2/50K	PLAA5IAML61Y	151	120-277	5 000	20 487	136	80+	> 54 000	9 000	90°	> 0.9	< 15
R21H-LA3-2/40K	PL6KPWGDMLL	202	120-277	4 000	27 069	134	80+	> 54 000	9 000	90°	> 0.9	< 15
R21H-LA4-2/40K	PLT05MQLQ6UN	239	120-277	4 000	31 851	133	80+	> 54 000	9 000	90°	> 0.9	< 15
R21H-LA4-2/50K	PLFBSXHGEAMM	239	120-277	5 000	32 086	134	80+	> 54 000	9 000	90°	> 0.9	< 15
R21H-LA5-2/50K	PLEEG8D44HVW	243	120-277	5 000	37 376	154	80+	> 54 000	9 000	90°	> 0.9	< 15

QUICK SHIP: Product availability is subject to change without notice. Please contact your AimLite customer service representative to confirm inventory levels at time of order.

² Typical color temperature range: +/- 5 %.

³ Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

⁴ Life hours are derived from IESNA LM-80-08 testing report and projected per IESNA TM-21-11 extrapolations.

CCT AND POWER SELECTABLE

PART NUMBER	DLC UNIQUE ID	WATTS	VOLTS	COLOR TEMP.	LUMEN OUTPUT	EFFICACY	CRI	LIFE L70	TESTED HOURS LM-80	CALCULATED TM21	DIMMING [YES/NO]	POWER FACTOR	THD
		[W]	[V AC]	[K] ²	[LM] ^{3,4}	[LM/W]		[HRS] ⁴	[HRS] ⁴				
R21H-PS150-32/2C	PLY7ZDX210Z4	100/120/150	120-347	4 000/5 000	16 672 / 18 024 / 22 361	139	80+	54 000	9 000	54 000	YES	> 0.9	< 15
R21H-PS200-32/2C	PL4Z3WD100X	150/200	120-347	4 000/5 000	25 149 / 29 319	136	80+	54 000	9 000	54 000	YES	> 0.9	< 15
R21H-PS240-32/2C	PL6NYJM1L3DL	200/240	120-347	4 000/5 000	28 938 / 35 816	140	80+	54 000	9 000	54 000	YES	> 0.9	< 15
R21H-LA5-32/2C	PLPP53X92BCJ	240	120-347	4 000/5 000	37 200	155	80+	54 000	9 000	54 000	YES	> 0.9	< 15

QUICK SHIP: Product availability is subject to change without notice. Please contact your AimLite customer service representative to confirm inventory levels at time of order.

² Typical color temperature range: +/- 5 %.

³ Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

⁴ Lumen values are based on 4 000 K default programming. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.

⁵ Life hours are derived from IESNA LM-80-08 testing report and projected per IESNA TM-21-11 extrapolations.

LUMEN SPECIFICATION TABLE

PART NUMBER	WATTS [W]	4 000 K		5 000 K	
		LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]
R21H-PS150-32/2C	100	16 672	167	16 204	162
	120	18 024	150	17 518	146
	150	22 361	146	20 564	140
R21H-PS200-32/2C	150	25 149	168	24 503	163
	200	29 319	142	27 052	136
R21H-PS240-32/2C	200	28 938	145	28 881	144
	240	35 816	146	33 141	140
R21H-LA5-32/2C	240	37 199	159	37 635	156

DEFAULT PROGRAMMING

R21H-PS150-32/2C: 150W / 40K

R21H-PS200-32/2C: 200W / 40K

R21H-PS240-32/2C: 240W / 40K

R21H-LA5-32/2C: 240W / 40K

ACCESSORIES (ORDER SEPARATELY)

MODEL NUMBER	TYPE	COMPATIBLE WITH
JB025	1/2 NPT MALE TO 3/4 NPT FEMALE CONDUIT ADAPTER WITH JUNCTION BOX FOR PENDANT MOUNT	ALL CONFIGURATIONS
HAR1159	1/2 NPT MALE TO 3/4 NPT FEMALE CONDUIT ADAPTER FOR PENDANT MOUNT	ALL CONFIGURATIONS
BKT844-100-BK	TRUNION 100W-150W	R21H-LA1-2/40K, R21H-LA1-2/50K, R21H-LA2-2/40K, R21H-LA2-2/50K, R21H-PS150-32/2C
BKT844-200-BK	TRUNION 200W-240W	R21H-LA3-2/40K, R21H-PS200-32/2C, R21H-LA4-2/40K, R21H-LA4-2/50K, R21H-PS240-32/2C, R21H-LA5-2/50K, R21H-LA5-32/2C
REF694-AL-100	ALUMINIUM REFLECTOR 100W-150W	R21H-LA1-2/40K, R21H-LA1-2/50K, R21H-LA2-2/40K, R21H-LA2-2/50K
REF694-AL-200	ALUMINIUM REFLECTOR 200-240W	R21H-LA3-2/40K, R21H-PS200-32/2C, R21H-LA4-2/40K, R21H-LA4-2/50K, R21H-PS240-32/2C, R21H-LA5-2/50K
REF694-PC-100	PC REFLECTOR 100W-150W	R21H-LA1-2/40K, R21H-LA1-2/50K, R21H-LA2-2/40K, R21H-LA2-2/50K, R21H-PS150-32/2C
REF694-PC-200	PC REFLECTOR 200-240W	R21H-LA3-2/40K, R21H-PS200-32/2C, R21H-LA4-2/40K, R21H-LA4-2/50K, R21H-PS240-32/2C, R21H-LA5-2/50K
OSI-HB01DMS-A ¹	EXTERNAL HIGH FREQUENCY SENSOR KIT OSI-HB01DMS-A	ALL CONFIGURATIONS
OSI-HB03DPR-A ¹	EXTERNAL PIR SENSOR KIT OSI-HB03DPR-A	ALL CONFIGURATIONS
OSI-HB03R	REMOTE CONTROL OSI-HB03R FOR MOTION SENSORS	OSI-HB01DMS-A, OSI-HB03DPR-A
BI-BLD-RM30R ²	EXTERNAL RUGBY EMERGENCY BACK-UP BLD-RM30R	ALL CONFIGURATIONS
BI-RN51M	REMOTE CONTROL RUGBY EM BACK-UP RN51M	BI-BLD-RM30R

¹ To change factory settings, purchase remote OSI-HB03R (sold separately).

² To manually test in EM mode RF remote BI-RN51M can be purchased separately.

COMPATIBLE DIMMERS¹

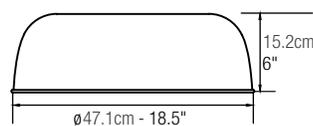
BRAND	MODEL NUMBER
LUTRON	NTSTV-DV-AL, NFTV-IV, DVTV-WH
LEVITON	DS710-10Z, IP710-DLZ
LEGRAND	RH4FBL3PW

DIMMING RANGE: 10%-100%

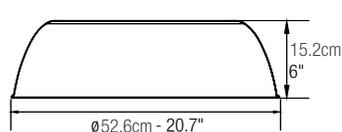
¹ This table shows dimmers that have been tested and have demonstrated proper operation under normal conditions. Each installation being unique, various factors such as load, common neutrals or other electrical products on the circuit can, in certain instances, cause variance in system performance. Read and comply to the dimmer installation instructions. Consult dimming system manufacturer for additional support in operation. Some dimmers may require more than one product for stable operation. AimLite recommends to use dimmers designed to work with LED products. Older dimmers designed for incandescent products may cause erratic operation.

ALUMINUM REFLECTOR SILVER

REF694-AL-100

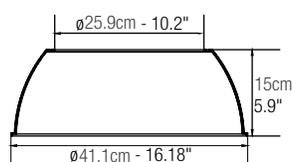


REF694-AL-200

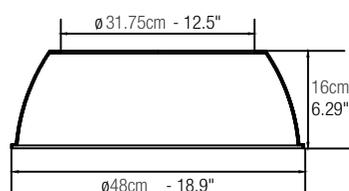


CLEAR POLYCARBONATE REFLECTOR

REF694-PC-100



REF694-PC-200



OCCUPANCY SENSORS

BI-LEVEL SENSORS

Detection - On at [Detection Area] % during [Hold Time] min., then [Stand-by Dim level] %

PART NO	POSITION	VOLTS (V AC)	TECHNOLOGY	HEIGHT (FT)	DETECTION AREA (%)	HOLD TIME (MIN.)	STAND-BY DIM LEVEL (%)	STAND-BY PERIOD (MIN)	DAYLIGHT MIN LEVEL (LUX)	REMOTE*	LOCATION**
OSI-HB010MS-A	EXTERNAL	120-347 (12 VDC)	HIGH FREQUENCY	50 (MAX)	100	10S, 1MIN, 10MIN, 30MIN	10, 20, 30, 50	INFINITE	10, 20, 30, 50	OSI-HB03R	DRY AND WET, -30 TO +40
OSI-HB030PR-A	EXTERNAL	120-347 (12 VDC)	PIR	40 (MAX)	100	10S, 1MIN, 10MIN, 30MIN	10, 20, 30, 50	INFINITE	10, 20, 30, 50	OSI-HB03R	DRY AND WET, -30 TO +40

Default settings: Brightness: 100%, hold time: 1min, stand-by dim: 20%, stand-by time: 1min daylight: off, sensitivity: 100%

TRI-LEVEL SENSORS

Detection - ON at [Detection Area] % during [Hold Time] min, them [Stand-by Dim level] % during [Stand-by time] min, then OFF

PART NO	POSITION	VOLTS (V AC)	TECHNOLOGY	HEIGHT (FT)	DETECTION AREA (%)	HOLD TIME (MIN.)	STAND-BY DIM LEVEL (%)	STAND-BY PERIOD (MIN)	DAYLIGHT MIN LEVEL (LUX)	REMOTE*	LOCATION**
OSI-HB010MS-A	EXTERNAL	120-347 (12 VDC)	HIGH FREQUENCY	50 (MAX)	100	10S, 1MIN, 10MIN, 30MIN	10, 20, 30, 50	1, 30, 60	10, 30, 50, 100, DISABLE	OSI-HB03R	DRY AND WET, -30 TO +40
OSI-HB030PR-A	EXTERNAL	120-347 (12 VDC)	PIR	40 (MAX)	100	10S, 1MIN, 10MIN, 30MIN	10, 20, 30, 50	1, 30, 60	10, 30, 50, 100, DISABLE	OSI-HB03R	DRY AND WET, -30 TO +40

Default settings: Brightness: 100%, hold time: 1min, stand-by dim: 20%, stand-by time: 1min daylight: off, sensitivity: 100%

* To be ordered separately.

** Min and max ambient temperature of the fixture with the specific sensor. Please verify fixture temperature on the first page for compatibility with sensor.

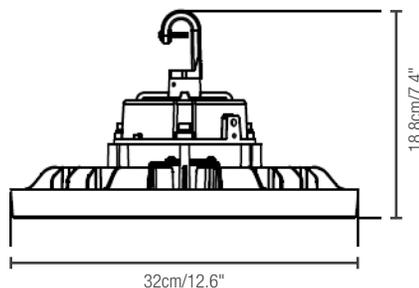
For more settings visit

www.aimlite.com/documentation/technical-information/

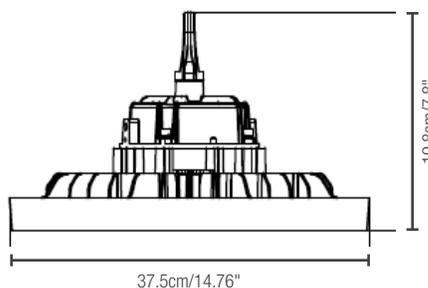
DIMENSIONS

	100-150W MODEL	200-240W MODEL
DIAMETER (CM/IN)	32/12.6	37.5/14.76
HEIGHT (CM/IN)	18.8/7.4	19.8/7.8

100-150 W



200-240 W

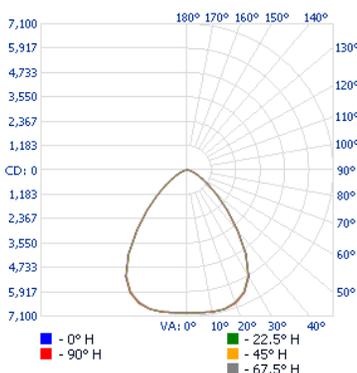


Dimensions: cm/in

PHOTOMETRIC DATA¹

R21H-LA1-2/40K • 12 842.6 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	5 614.1	43.7
0-40	8 669.6	67.5
0-60	11 997.5	93.4
60-90	845.1	6.6
0-90	12 842.6	100

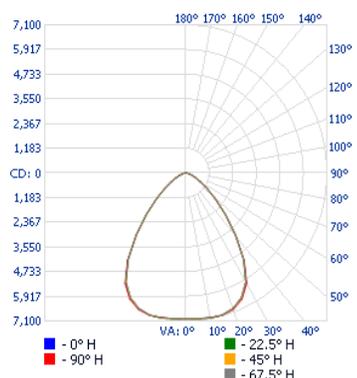
ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
1.7'	2 395	3.0'	2.9'
3.3'	636	5.8'	5.6'
5.0'	277	8.8'	8.5'
6.7'	154	11.9'	11.4'
8.3'	100	14.7'	14.1'
10.0'	69.2	17.7'	17.0'

■ Vert. Spread: 83.0° ■ Hor. Spread: 80.6°

R21H-LA1-2/50K • 13 042.5 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	5 860.6	43.8
0-40	8 802.2	67.5
0-60	12 194.8	93.5
60-90	847.7	6.5
0-90	13 042.5	100

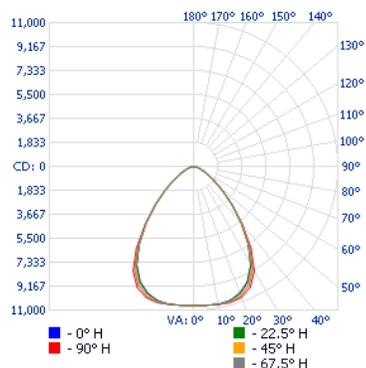
ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
1.7'	2 417	2.8'	3.0'
3.3'	641	5.4'	5.9'
5.0'	279	8.2'	8.9'
6.7'	156	11.0'	11.9'
8.3'	101	13.6'	14.7'
10.0'	69.8	16.4'	17.7'

■ Vert. Spread: 78.6° ■ Hor. Spread: 83.1°

R21H-LA2-2/40K • 19 355.6 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	8 540.0	44.1
0-40	13 091.0	67.6
0-60	18 081.2	93.4
60-90	1 274.4	6.6
0-90	19 355.6	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
1.7'	3 676	2.7'	3.0'
3.3'	976	5.2'	5.8'
5.0'	425	7.9'	8.7'
6.7'	237	10.6'	11.7'
8.3'	154	13.1'	14.5'
10.0'	106	15.8'	17.5'

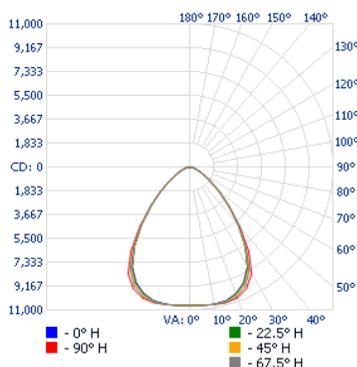
■ Vert. Spread: 76.6° ■ Hor. Spread: 82.3°

¹ Complete IES files available on our website.

PHOTOMETRIC DATA¹

R21H-LA2-2/50K • 19 615.6 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	8 598.9	43.8
0-40	13 247.7	67.5
0-60	18 337.0	93.5
60-90	1 278.6	6.5
0-90	19 615.6	100

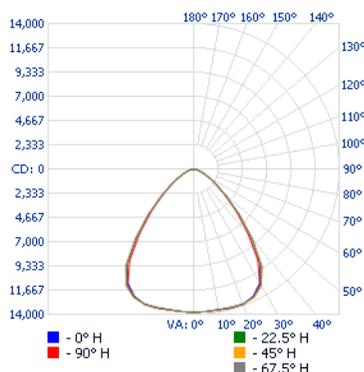
ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
1.7'	3 683	2.7'	3.0'
3.3'	977	5.3'	5.9'
5.0'	426	8.0'	8.9'
6.7'	237	10.8'	11.9'
8.3'	155	13.3'	14.8'
10.0'	106	16.0'	17.8'

■ Vert. Spread: 77.5° ■ Hor. Spread: 83.3°

R21H-LA3-2/40K • 27 368.6 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	11 457.2	41.9
0-40	18 295.5	66.8
0-60	25 557.6	93.4
60-90	1 811.0	6.6
0-90	27 368.6	100

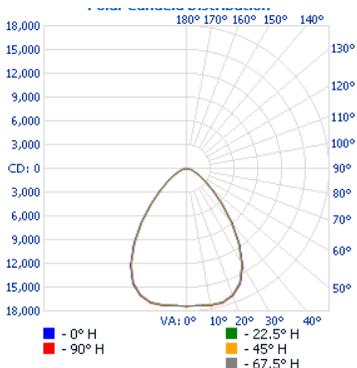
ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
1.7'	4 772	2.8'	3.1'
3.3'	1 266	5.4'	6.1'
5.0'	552	8.2'	9.2'
6.7'	307	11.0'	12.3'
8.3'	200	13.6'	15.2'
10.0'	138	16.4'	18.3'

■ Vert. Spread: 78.8° ■ Hor. Spread: 85.0°

R21H-LA4-2/40K • 30 603.6 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	13 816.5	45.1
0-40	20 920.8	68.4
0-60	28 519.6	93.2
60-90	2 084.0	6.8
0-90	30 603.6	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
1.7'	6 010	2.6'	2.9'
3.3'	1 595	5.1'	5.5'
5.0'	695	7.7'	8.4'
6.7'	387	10.3'	11.2'
8.3'	252	12.7'	13.9'
10.0'	174	15.3'	16.8'

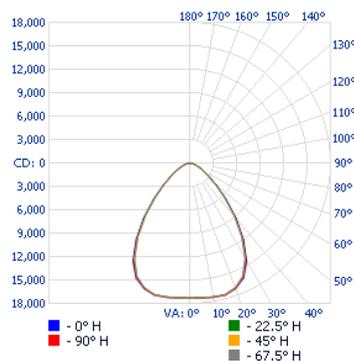
■ Vert. Spread: 75.0° ■ Hor. Spread: 80.0°

¹ Complete IES files available on our website.

PHOTOMETRIC DATA¹

R21H-LA4-2/50K • 30 945.1 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	13 870.6	44.8
0-40	21 121.4	68.3
0-60	28 860.4	93.3
60-90	2 084.7	6.7
0-90	30 945.1	100

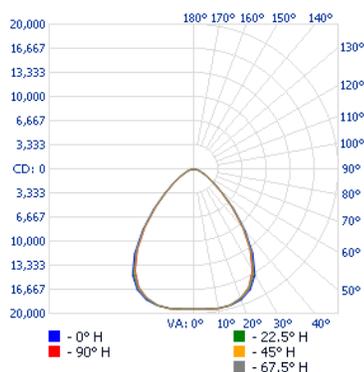
ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
1.7'	5 991	2.7'	2.9'
3.3'	1 590	5.2'	5.7'
5.0'	693	7.8'	8.6'
6.7'	386	10.5'	11.5'
8.3'	251	13.0'	14.3'
10.0'	173	15.6'	17.2'

■ Vert. Spread: 76.0° ■ Hor. Spread: 81.4°

R21H-LA5-2/50K • 35 433.7 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	15 645.3	44.2
0-40	24 201.2	68.3
0-60	33 270.5	93.9
60-90	2 163.2	6.1
0-90	35 433.7	100

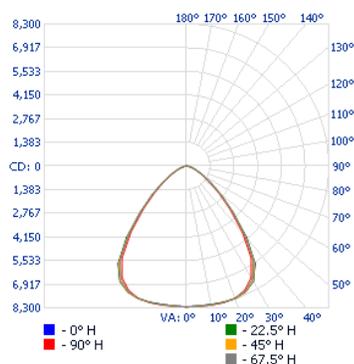
ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
1.7'	6 717	2.9'	3.0'
3.3'	1 782	5.7'	5.8'
5.0'	776	8.6'	8.8'
6.7'	432	11.5'	11.7'
8.3'	282	14.3'	14.5'
10.0'	194	17.2'	17.5'

■ Vert. Spread: 81.3° ■ Hor. Spread: 82.4°

R21H-PS150-32/2C • 16 672.2 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	6 837.8	41
0-40	11 003.6	66
0-60	15 572.0	93.4
60-90	1 100.2	6.6
0-90	16 672.2	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
1.7'	2 848	3.1'	3.2'
3.3'	756	5.9'	6.2'
5.0'	329	9.0'	9.4'
6.7'	183	12.0'	12.6'
8.3'	119	14.9'	15.6'
10.0'	82.3	18.0'	18.7'

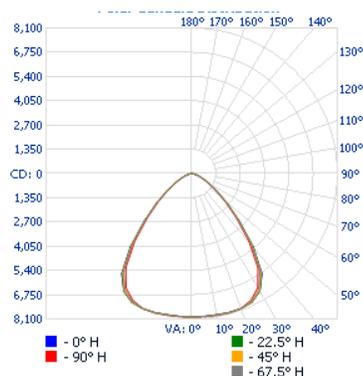
■ Vert. Spread: 83.9° ■ Hor. Spread: 86.3°

¹ Complete IES files available on our website.

PHOTOMETRIC DATA¹

R21H-PS150-32/2C · 16 203.8 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	6 636.3	41
0-40	10 691.3	66
0-60	15 137.6	93.4
60-90	1 066.3	6.6
0-90	16 203.8	100

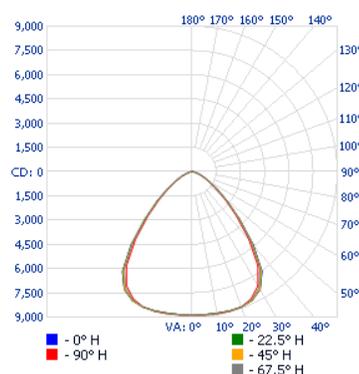
ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
1.7'	2 765	3.1'	3.2'
3.3'	734	5.9'	6.2'
5.0'	320	9.0'	9.4'
6.7'	178	12.0'	12.6'
8.3'	116	14.9'	15.6'
10.0'	79.9	18.0'	18.8'

■ Vert. Spread: 83.9° ■ Hor. Spread: 86.5°

R21H-PS150-32/2C · 18 024 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	7 392.2	41
0-40	11 895.7	66
0-60	16 834.6	93.4
60-90	1 189.4	6.6
0-90	18 024.0	100

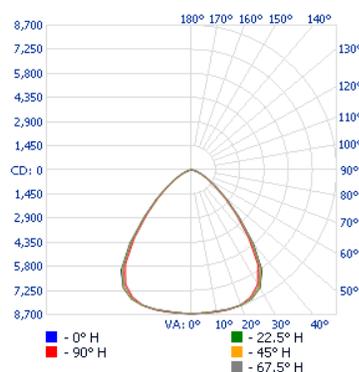
ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
1.7'	3 079	3.1'	3.2'
3.3'	817	5.9'	6.2'
5.0'	356	9.0'	9.4'
6.7'	198	12.0'	12.6'
8.3'	129	14.9'	15.6'
10.0'	89.0	18.0'	18.7'

■ Vert. Spread: 83.9° ■ Hor. Spread: 86.3°

R21H-PS150-32/2C · 17 517.6 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	7 174.4	41
0-40	11 558.1	66
0-60	16 364.9	93.4
60-90	1 152.7	6.6
0-90	17 517.6	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
1.7'	2 989	3.1'	3.2'
3.3'	793	5.9'	6.2'
5.0'	346	9.0'	9.4'
6.7'	192	12.0'	12.6'
8.3'	125	14.9'	15.6'
10.0'	86.4	18.0'	18.8'

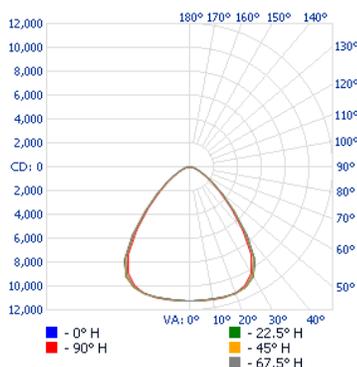
■ Vert. Spread: 83.9° ■ Hor. Spread: 86.5°

¹ Complete IES files available on our website.

PHOTOMETRIC DATA¹

R21H-PS150-32/2C • 22 811.6 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	9 355.8	41
0-40	15 055.5	66
0-60	21 306.2	93.4
60-90	1 505.4	6.6
0-90	22 811.6	100

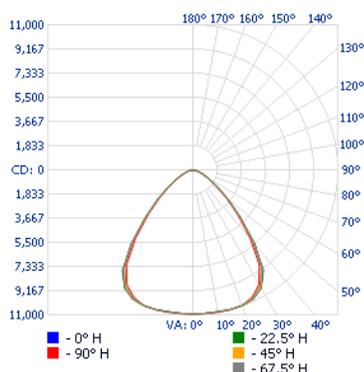
ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
1.7'	3 896	3.1'	3.2'
3.3'	1 034	5.9'	6.2'
5.0'	450	9.0'	9.4'
6.7'	251	12.0'	12.6'
8.3'	163	14.9'	15.6'
10.0'	113	18.0'	18.7'

■ Vert. Spread: 83.9° ■ Hor. Spread: 86.3°

R21H-PS150-32/2C • 22 170.8 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	9 080.0	41
0-40	14 628.2	66
0-60	20 711.9	93.4
60-90	1 458.9	6.6
0-90	22 170.8	100

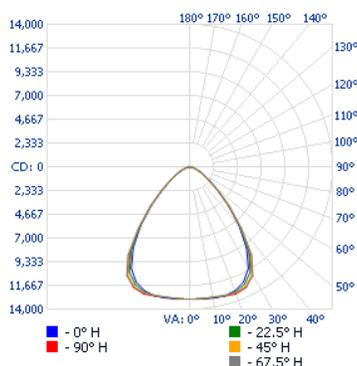
ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
1.7'	3 783	3.1'	3.2'
3.3'	1 004	5.9'	6.2'
5.0'	437	9.0'	9.4'
6.7'	244	12.0'	12.6'
8.3'	159	14.9'	15.6'
10.0'	109	18.0'	18.8'

■ Vert. Spread: 83.9° ■ Hor. Spread: 86.5°

R21H-PS200-32/2C • 25 148.7 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	10 836.9	43.1
0-40	17 114.0	68.1
0-60	23 591.4	93.8
60-90	1 557.3	6.2
0-90	25 148.7	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
1.7'	4 504	2.7'	3.1'
3.3'	1 195	5.2'	5.9'
5.0'	521	7.9'	9.0'
6.7'	290	10.5'	12.1'
8.3'	189	13.0'	15.0'
10.0'	130	15.7'	18.0'

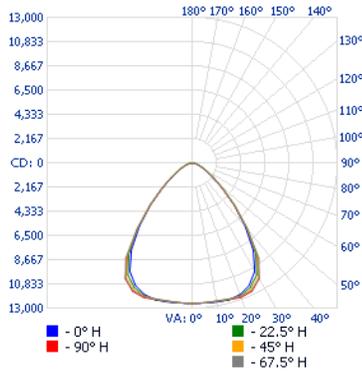
■ Vert. Spread: 76.3° ■ Hor. Spread: 84.1°

¹ Complete IES files available on our website.

PHOTOMETRIC DATA¹

R21H-PS200-32/2C • 24 502.7 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	10 472.6	42.7
0-40	16 627.2	67.9
0-60	22 986.0	93.8
60-90	1 516.7	6.2
0-90	24 502.7	100

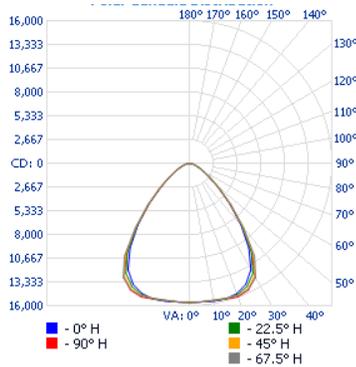
ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
1.7'	4 349	2.7'	3.1'
3.3'	1 154	5.3'	6.1'
5.0'	503	8.0'	9.2'
6.7'	280	10.7'	12.3'
8.3'	182	13.2'	15.2'
10.0'	126	15.9'	18.4'

■ Vert. Spread: 77.1° ■ Hor. Spread: 85.1°

R21H-PS200-32/2C • 30 178.4 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	13 004.3	43.1
0-40	20 536.8	68.1
0-60	28 309.7	93.8
60-90	1 868.8	6.2
0-90	30 178.4	100

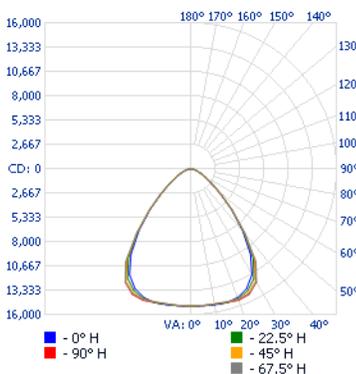
ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
1.7'	5 405	2.7'	3.1'
3.3'	1 435	5.2'	5.9'
5.0'	625	7.9'	9.0'
6.7'	348	10.5'	12.1'
8.3'	227	13.0'	15.0'
10.0'	156	15.7'	18.0'

■ Vert. Spread: 76.3° ■ Hor. Spread: 84.1°

R21H-PS200-32/2C • 29 403.2 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	12 567.1	42.7
0-40	19 952.7	67.9
0-60	27 583.2	93.8
60-90	1 820.0	6.2
0-90	29 403.2	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
1.7'	5 219	2.7'	3.1'
3.3'	1 385	5.3'	6.1'
5.0'	603	8.0'	9.2'
6.7'	336	10.7'	12.3'
8.3'	219	13.2'	15.2'
10.0'	151	15.9'	18.4'

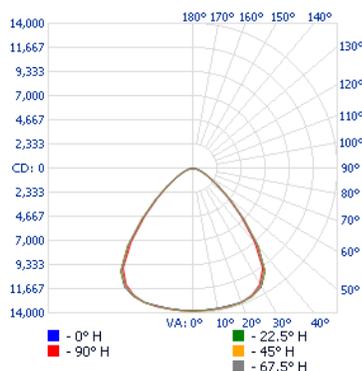
■ Vert. Spread: 77.1° ■ Hor. Spread: 85.1°

¹ Complete IES files available on our website.

PHOTOMETRIC DATA¹

R21H-PS240-32/2C • 28 938.1 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	11 487.2	39.7
0-40	18 818.2	65
0-60	27 031.3	93.4
60-90	1 906.9	6.6
0-90	28 938.1	100

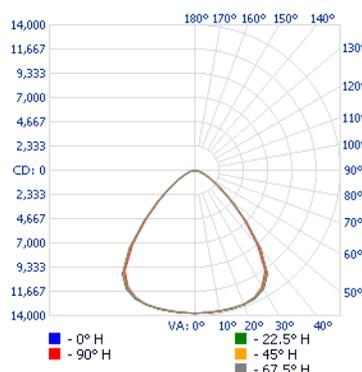
ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
1.7'	4 774	3.2'	3.3'
3.3'	1 267	6.2'	6.5'
5.0'	552	9.4'	9.8'
6.7'	307	12.6'	13.2'
8.3'	200	15.6'	16.3'
10.0'	138	18.8'	19.6'

■ Vert. Spread: 68.4° ■ Hor. Spread: 89.0°

R21H-PS240-32/2C • 28 881 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	11 442.0	39.6
0-40	18 757.9	64.9
0-60	26 967.9	93.4
60-90	1 913.1	6.6
0-90	28 881	100

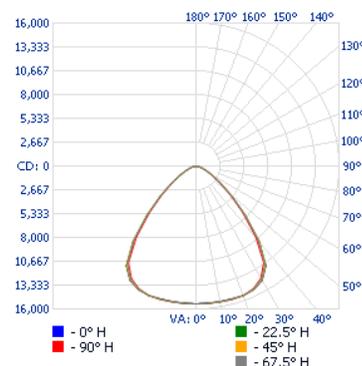
ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
1.7'	4 762	3.2'	3.4'
3.3'	1 264	6.2'	6.5'
5.0'	550	9.4'	9.9'
6.7'	307	12.6'	13.2'
8.3'	200	15.6'	16.4'
10.0'	138	18.8'	19.7'

■ Vert. Spread: 86.6° ■ Hor. Spread: 89.2°

R21H-PS240-32/2C • 32 330.9 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	12 834.0	39.7
0-40	21 024.5	65
0-60	30 200.4	93.4
60-90	2 130.5	6.6
0-90	32 330.9	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
1.7'	5 333	3.2'	3.3'
3.3'	1 415	6.2'	6.5'
5.0'	617	9.4'	9.8'
6.7'	343	12.6'	13.2'
8.3'	224	15.6'	16.3'
10.0'	154	18.8'	19.6'

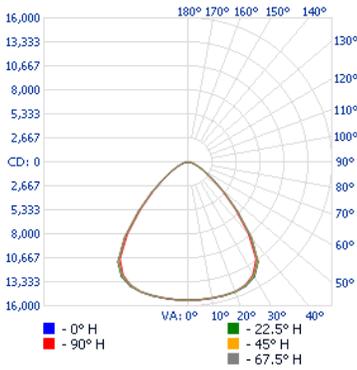
■ Vert. Spread: 86.4° ■ Hor. Spread: 89.0°

¹ Complete IES files available on our website.

PHOTOMETRIC DATA¹

R21H-PS240-32/2C • 32 267 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	12 783.5	39.6
0-40	20 957.0	64.9
0-60	30 129.6	93.4
60-90	2 137.4	6.6
0-90	32 267.0	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
1.7'	5 320	3.2'	3.4'
3.3'	1 412	6.2'	6.5'
5.0'	615	9.4'	9.9'
6.7'	342	12.6'	13.2'
8.3'	223	15.6'	16.4'
10.0'	154	18.8'	19.7'

■ Vert. Spread: 86.6° ■ Hor. Spread: 89.2°

¹ Complete IES files available on our website.