

## HYPRO-F 90 PORTABLE

**A340000-**

base number    Color    Finishes    Finishes    Finishes    Finishes    Finishes    Diffuser

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

- 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: Hypro-F  
 Subseries: Hypro-F 90  
 Partner: Prolicht  
 Division: Architectural  
 Installation: Portable  
 Product Type: Floor  
 Mounting Location: Floor  
 Light Distribution: Direct

### PHYSICAL

Shape: Abstract  
 Length (mm): 1170  
 Length (in): 46 1/16  
 Width (mm): 380  
 Width (in): 14 15/16  
 Height (mm): 2200  
 Height (in): 86 5/8  
 Diffuser: PMMA - Micro-prism / Rico  
 Fixture Finish: ANA / SSR / BKV / CWI / CRY / HAB / MSR / UFT / ITA / RUA / OGR / FTG / MYG / RWR / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR  
 Fixture Material: Aluminum Die Cast

### ELECTRICAL

Lamp Type: LED (Zhaga Standard)  
 Input Wattage (W): 30  
 Total Output Wattage (W): 27.3  
 Driver Included: Yes  
 Driver Location: Integrated  
 Input Voltage (V): 120 - 277  
 Constant Current (MA): 500mA

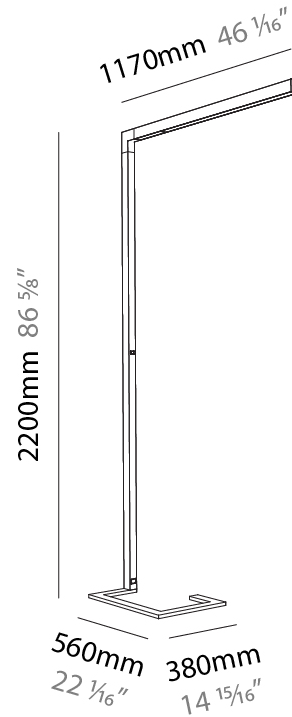
### LED

Color Temperature (°K): 3000 / 4000  
 Max. Delivered Lumen (lm): 2210 / 2251  
 Nominal Lumen (lm): 3240 / 3300  
 CRI: >90 CRI

### OPTICAL

#### RATINGS AND CERTIFICATIONS

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



## HYPRO-F 90 PORTABLE

A340000-

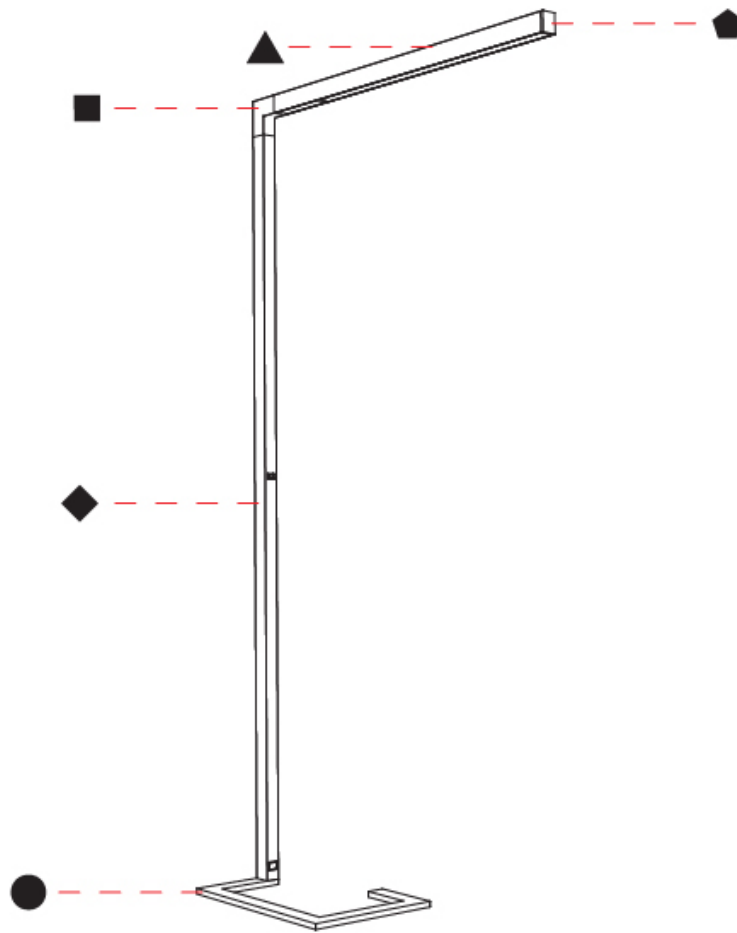
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



## HYPRO-F 90 PORTABLE

**A340001-**

base number    Color Temperature    Finishes    Finishes    Finishes    Finishes    Finishes    Diffuser    Diffuser Options

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

- 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: Hypro-F  
 Subseries: Hypro-F 90  
 Partner: Prolicht  
 Division: Architectural  
 Installation: Portable  
 Product Type: Floor  
 Mounting Location: Floor  
 Light Distribution: Direct / Indirect

### PHYSICAL

Shape: Abstract  
 Length (mm): 1170  
 Length (in): 46 1/16  
 Width (mm): 380  
 Width (in): 14 15/16  
 Height (mm): 2200  
 Height (in): 86 5/8  
 Diffuser: PMMA - Micro-prism / Rico and PMMA - Opal / Linear Scattering / Lens  
 Fixture Finish: ANA / SSR / BKV / CWI / CRY / HAB / MSR / UFT / ITA / RUA / OGR / FTG / MYG / RWR / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR  
 Fixture Material: Aluminum Die Cast

### ELECTRICAL

Lamp Type: LED (Zhaga Standard)  
 Input Wattage (W): 59  
 Total Output Wattage (W): 53.7  
 Driver Included: Yes  
 Driver Location: Integrated  
 Input Voltage (V): 120 - 277

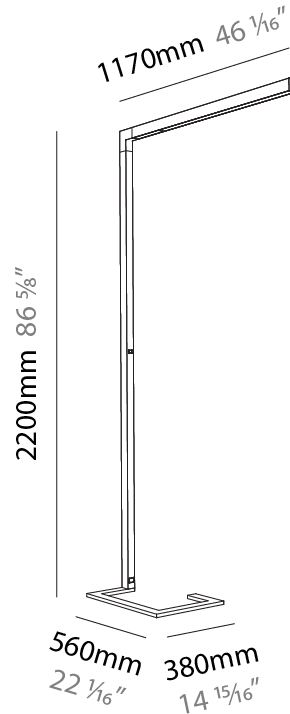
### LED

Color Temperature (°K): 3000 / 4000  
 Max. Delivered Lumen (lm): 5018 - 5105  
 CRI: >90 CRI

### OPTICAL

### RATINGS AND CERTIFICATIONS

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



## HYPRO-F 90 PORTABLE

A340001-

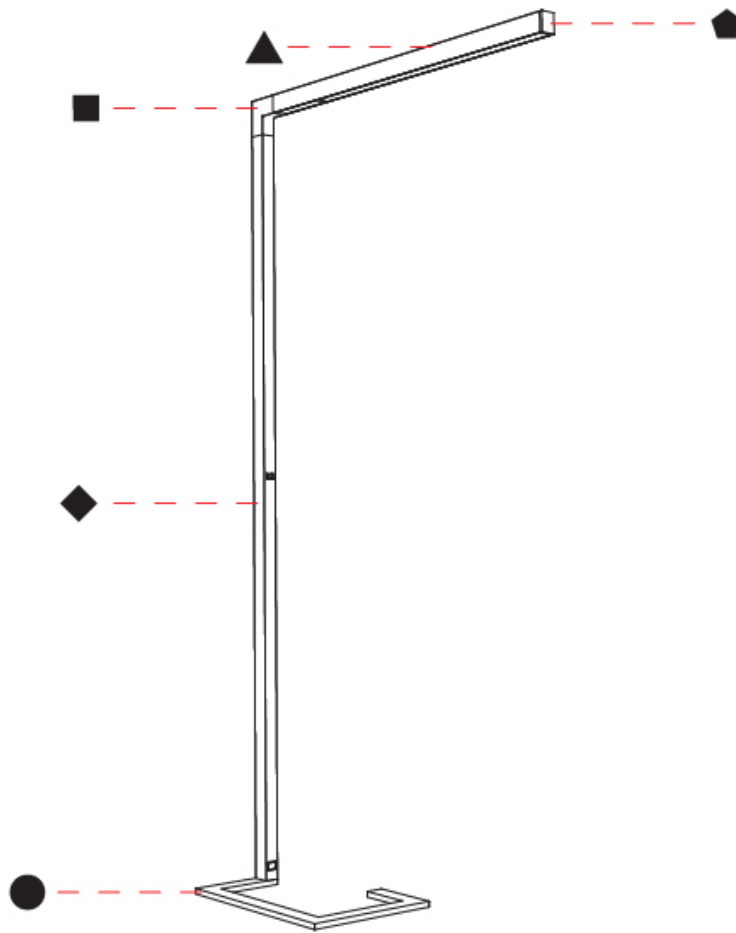
PROJECT

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SPECIFIER
QUANTITY
DATE

## HYPRO-F 90 PORTABLE

### A340002-

base number    Color    Finishes    Finishes    Finishes    Finishes    Finishes    Diffuser

- 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: Hypro-F  
 Subseries: Hypro-F 90  
 Partner: Prolicht  
 Division: Architectural  
 Installation: Portable  
 Product Type: Floor  
 Mounting Location: Floor  
 Light Distribution: Direct

#### PHYSICAL

Shape: Abstract  
 Length (mm): 1310  
 Length (in): 51 <sup>9</sup>/<sub>16</sub>"  
 Width (mm): 380  
 Width (in): 14 <sup>15</sup>/<sub>16</sub>"  
 Height (mm): 2200  
 Height (in): 86 <sup>5</sup>/<sub>8</sub>"  
 Diffuser: PMMA - Micro-prism / Rico  
 Fixture Finish: ANA / SSR / BKV / CWI / CRY / HAB / MSR / UFT / ITA / RUA / OGR / FTG / MYG / RWR / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR  
 Fixture Material: Aluminum Die Cast

#### ELECTRICAL

Lamp Type: LED (Zhaga Standard)  
 Input Wattage (W): 67  
 Total Output Wattage (W): 60.9  
 Driver Included: Yes  
 Driver Location: Integrated  
 Input Voltage (V): 120 - 277

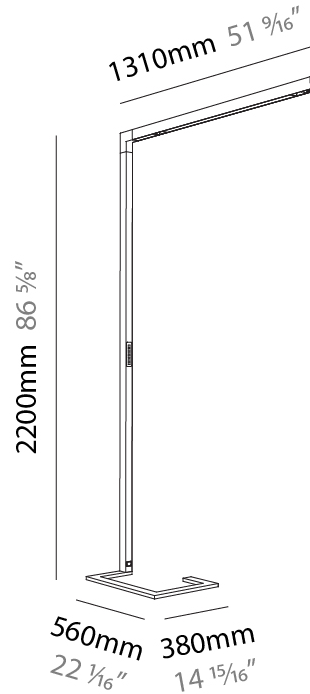
#### LED

Color Temperature (°K): 3000 / 4000  
 Max. Delivered Lumen (lm): 4068 / 4275  
 CRI: >90 CRI

#### OPTICAL

#### RATINGS AND CERTIFICATIONS

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



## HYPRO-F 90 PORTABLE

A340002-

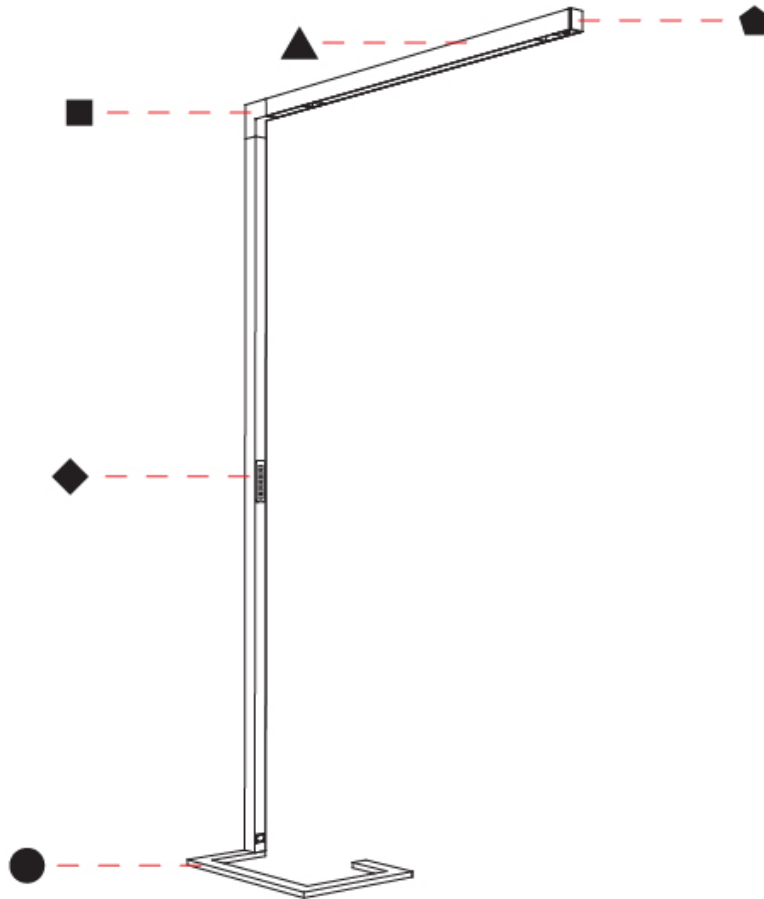
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



## HYPRO-F 90 PORTABLE

**A340003-**

base number    Color Temperature    Finishes    Finishes    Finishes    Finishes    Finishes    Diffuser    Diffuser Options

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

- 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: Hypro-F  
 Subseries: Hypro-F 90  
 Partner: Prolicht  
 Division: Architectural  
 Installation: Portable  
 Product Type: Floor  
 Mounting Location: Floor  
 Light Distribution: Direct / Indirect

**PHYSICAL**

Shape: Abstract  
 Length (mm): 1310  
 Length (in): 51 9/16  
 Width (mm): 380  
 Width (in): 14 15/16  
 Height (mm): 2200  
 Height (in): 86 5/8  
 Diffuser: PMMA - Micro-prism / Rico and PMMA - Opal / Linear Scattering / Lens  
 Fixture Finish: ANA / SSR / BKV / CWI / CRY / HAB / MSR / UFT / ITA / RUA / OGR / FTG / MYG / RWR / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR  
 Fixture Material: Aluminum Die Cast

**ELECTRICAL**

Lamp Type: LED (Zhaga Standard)  
 Input Wattage (W): 96  
 Total Output Wattage (W): 87.3  
 Driver Included: Yes  
 Driver Location: Integrated  
 Input Voltage (V): 120 - 277

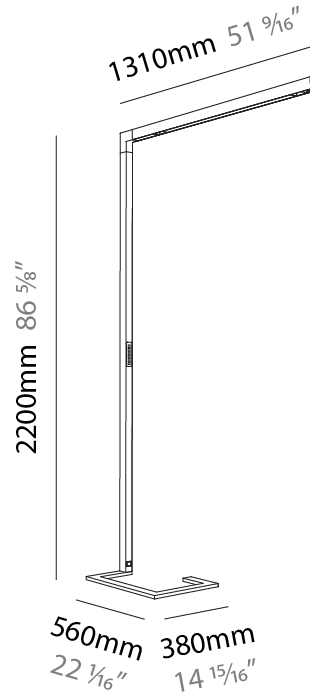
**LED**

Color Temperature (°K): 3000 / 4000  
 Max. Delivered Lumen (lm): 6861-7119  
 CRI: >90 CRI

**OPTICAL**

**RATINGS AND CERTIFICATIONS**

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



## HYPRO-F 90 PORTABLE

A340003-

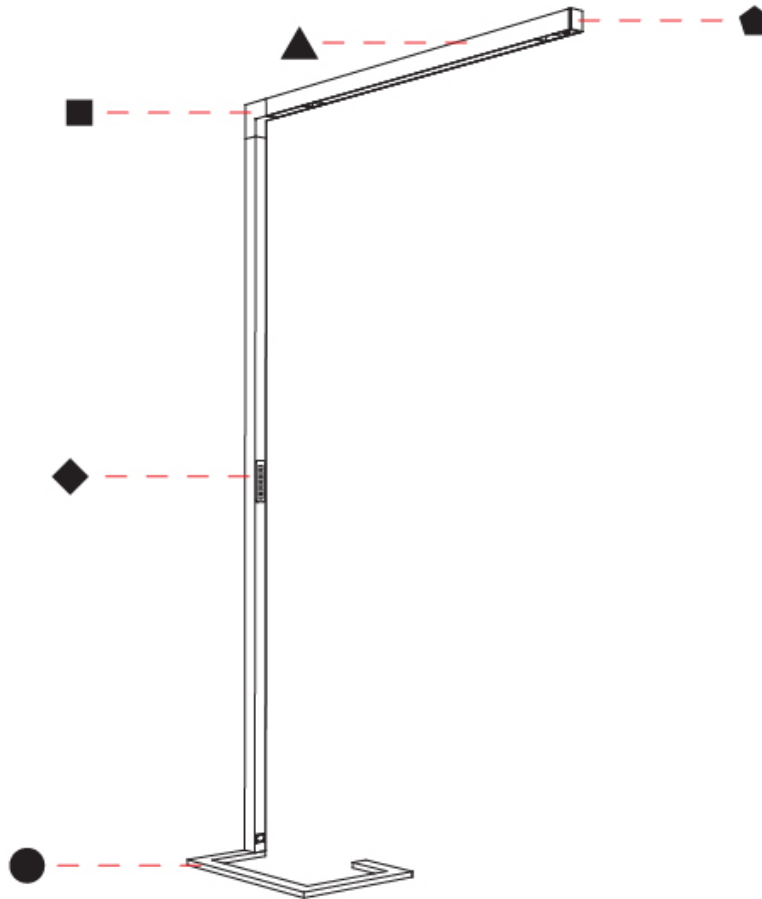
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



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PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

## HYPRO-F 90 PORTABLE

### A340004-

base number    Color    Finishes    Finishes    Finishes    Finishes    Finishes    Diffuser

- 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: Hypro-F  
 Subseries: Hypro-F 90  
 Partner: Prolicht  
 Division: Architectural  
 Installation: Portable  
 Product Type: Floor  
 Mounting Location: Floor  
 Light Distribution: Direct / Indirect

#### PHYSICAL

Shape: Abstract  
 Length (mm): 1310  
 Length (in): 51 <sup>9</sup>/<sub>16</sub>"  
 Width (mm): 380  
 Width (in): 14 <sup>15</sup>/<sub>16</sub>"  
 Height (mm): 2200  
 Height (in): 86 <sup>5</sup>/<sub>8</sub>"  
 Diffuser: PMMA - Micro-prism / Rico  
 Fixture Finish: ANA / SSR / BKV / CWI / CRY / HAB / MSR / UFT / ITA / RUA / OGR / FTG / MYG / RWR / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR  
 Fixture Material: Aluminum Die Cast

#### ELECTRICAL

Lamp Type: LED (Zhaga Standard)  
 Input Wattage (W): 96  
 Total Output Wattage (W): 87.3  
 Driver Included: Yes  
 Driver Location: Integrated  
 Input Voltage (V): 120 - 277

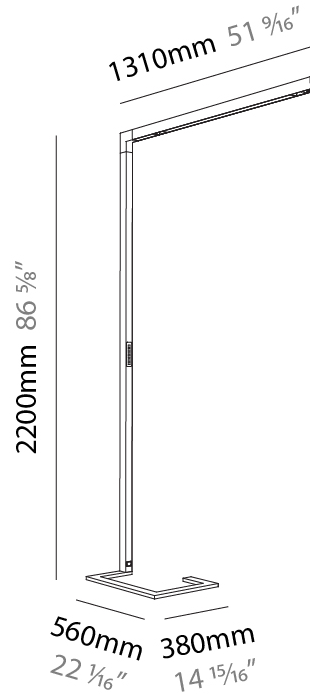
#### LED

Color Temperature (°K): 3000 / 4000 / TW  
 Max. Delivered Lumen (lm): 4068-7001  
 CRI: >90 CRI

#### OPTICAL

#### RATINGS AND CERTIFICATIONS

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



## HYPRO-F 90 PORTABLE

A340004-

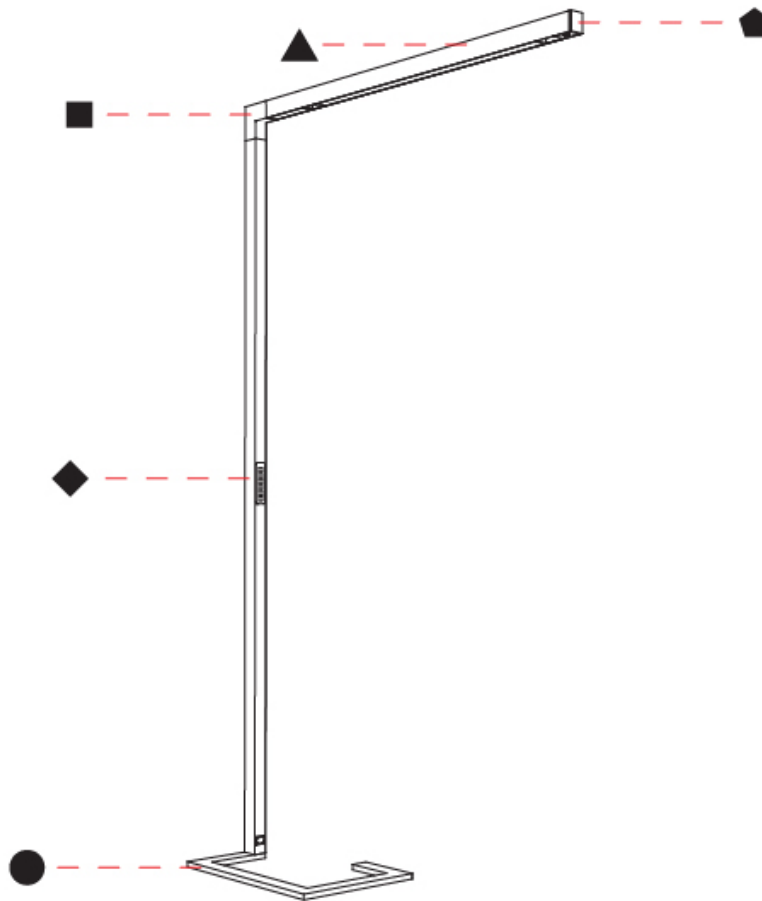
PROJECT

TYPE

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QUANTITY

DATE



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PROJECT
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SPECIFIER
QUANTITY
DATE

## HYPRO-F 160 PORTABLE

### A340005-

base number    Color    Finishes    Finishes    Finishes    Finishes    Finishes    Diffuser

Temperature

- 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: Hypro-F  
 Subseries: Hypro-F 160  
 Partner: Prolicht  
 Division: Architectural  
 Installation: Portable  
 Product Type: Floor  
 Mounting Location: Floor  
 Light Distribution: Direct

#### PHYSICAL

Shape: Abstract  
 Length (mm): 1610  
 Length (in): 63 <sup>7</sup>/<sub>8</sub>  
 Width (mm): 380  
 Width (in): 14 <sup>15</sup>/<sub>16</sub>  
 Height (mm): 2200  
 Height (in): 86 <sup>5</sup>/<sub>8</sub>  
 Diffuser: PMMA - Micro-prism / Rico  
 Fixture Finish: ANA / SSR / BKV / CWI / CRY / HAB / MSR / UFT / ITA / RUA / OGR / FTG / MYG / RWR / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR  
 Fixture Material: Aluminum Die Cast

#### ELECTRICAL

Lamp Type: LED (Zhaga Standard)  
 Input Wattage (W): 30  
 Total Output Wattage (W): 27.3  
 Driver Included: Yes  
 Driver Location: Integrated  
 Input Voltage (V): 120 - 277  
 Constant Current (MA): 500mA

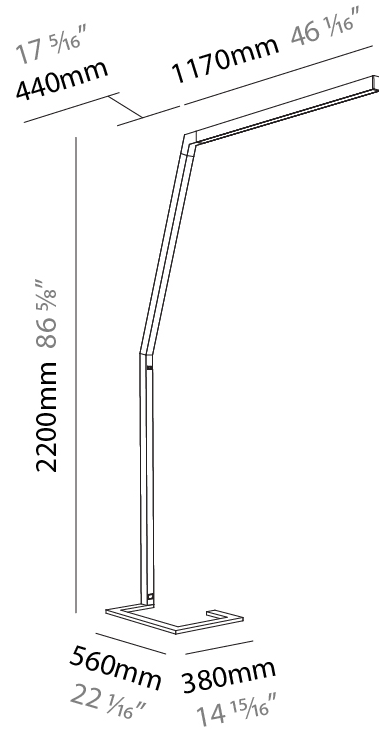
#### LED

Color Temperature (°K): 3000 / 4000  
 Max. Delivered Lumen (lm): 2210 / 2251  
 CRI: >90 CRI

#### OPTICAL

#### RATINGS AND CERTIFICATIONS

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



## HYPRO-F 160 PORTABLE

A340005-

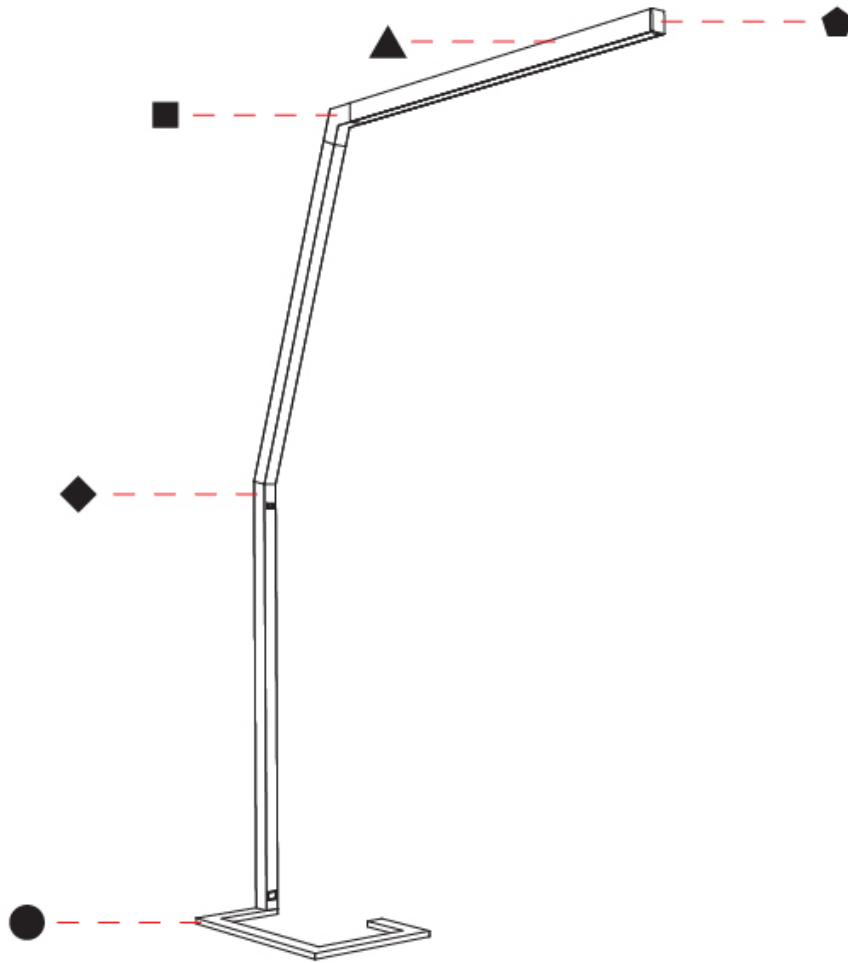
PROJECT

TYPE

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QUANTITY

DATE



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PROJECT
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SPECIFIER
QUANTITY
DATE

## HYPRO-F 160 PORTABLE

**A340006-**

base number    Color Temperature    Finishes    Finishes    Finishes    Finishes    Finishes    Diffuser    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: Hypro-F  
 Subseries: Hypro-F 160  
 Partner: Prolicht  
 Division: Architectural  
 Installation: Portable  
 Product Type: Floor  
 Mounting Location: Floor  
 Light Distribution: Direct / Indirect

### PHYSICAL

Shape: Abstract  
 Length (mm): 1610  
 Length (in): 63 <sup>7</sup>/<sub>8</sub>  
 Width (mm): 380  
 Width (in): 14 <sup>15</sup>/<sub>16</sub>  
 Height (mm): 2200  
 Height (in): 86 <sup>5</sup>/<sub>8</sub>  
 Diffuser: PMMA - Micro-prism / Rico and PMMA - Opal / Linear Scattering / Lens  
 Fixture Finish: ANA / SSR / BKV / CWI / CRY / HAB / MSR / UFT / ITA / RUA / OGR / FTG / MYG / RWR / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR  
 Fixture Material: Aluminum Die Cast

### ELECTRICAL

Lamp Type: LED (Zhaga Standard)  
 Input Wattage (W): 59  
 Total Output Wattage (W): 53.7  
 Driver Included: Yes  
 Driver Location: Integrated  
 Input Voltage (V): 120 - 277

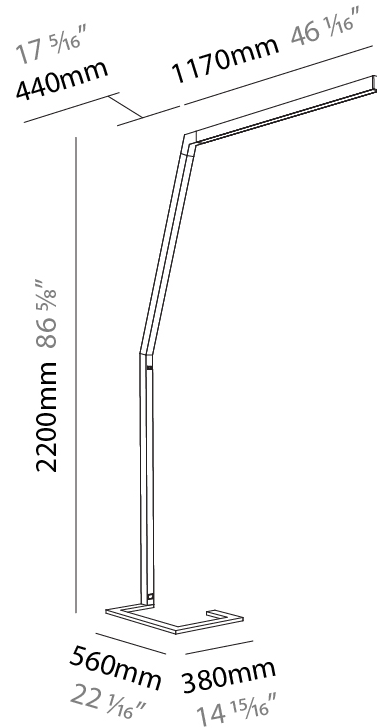
### LED

Color Temperature (°K): 3000 / 4000  
 Max. Delivered Lumen (lm): 5018 - 5105  
 CRI: >90 CRI

### OPTICAL

### RATINGS AND CERTIFICATIONS

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



## HYPRO-F 160 PORTABLE

A340006-

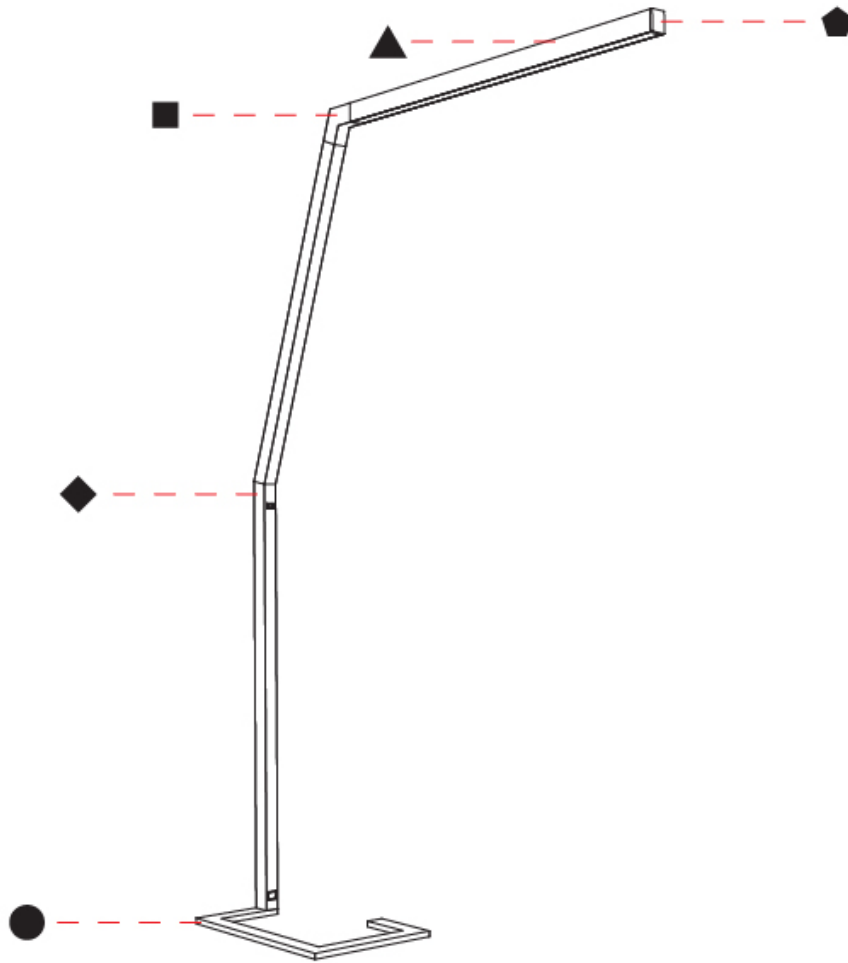
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



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PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

## HYPRO-F 160 PORTABLE

### A340007-

base number    Color    Finishes    Finishes    Finishes    Finishes    Finishes    Diffuser

Temperature

- 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: Hypro-F  
 Subseries: Hypro-F 160  
 Partner: Prolicht  
 Division: Architectural  
 Installation: Portable  
 Product Type: Floor  
 Mounting Location: Floor  
 Light Distribution: Direct

#### PHYSICAL

Shape: Abstract  
 Length (mm): 1750  
 Length (in): 68 <sup>7</sup>/<sub>8</sub>  
 Width (mm): 380  
 Width (in): 14 <sup>15</sup>/<sub>16</sub>  
 Height (mm): 2200  
 Height (in): 86 <sup>5</sup>/<sub>8</sub>  
 Diffuser: PMMA - Micro-prism / Rico  
 Fixture Finish: ANA / SSR / BKV / CWI / CRY / HAB / MSR / UFT / ITA / RUA / OGR / FTG / MYG / RWR / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR  
 Fixture Material: Aluminum Die Cast

#### ELECTRICAL

Lamp Type: LED (Zhaga Standard)  
 Input Wattage (W): 67  
 Total Output Wattage (W): 60.9  
 Driver Included: Yes  
 Driver Location: Integrated  
 Input Voltage (V): 120 - 277

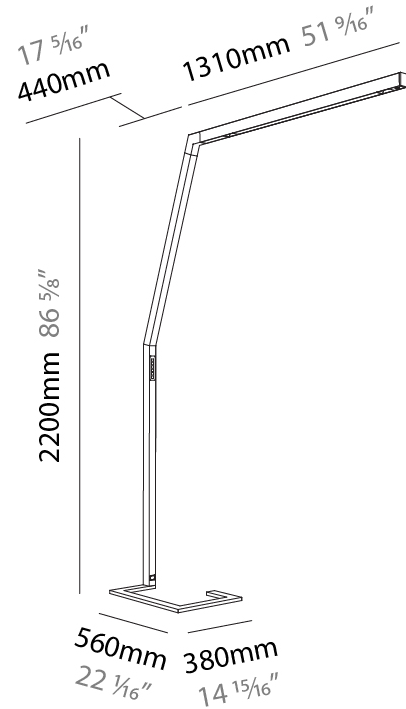
#### LED

Color Temperature (°K): 3000 / 4000  
 Max. Delivered Lumen (lm): 4068 / 4275  
 CRI: >90 CRI

#### OPTICAL

#### RATINGS AND CERTIFICATIONS

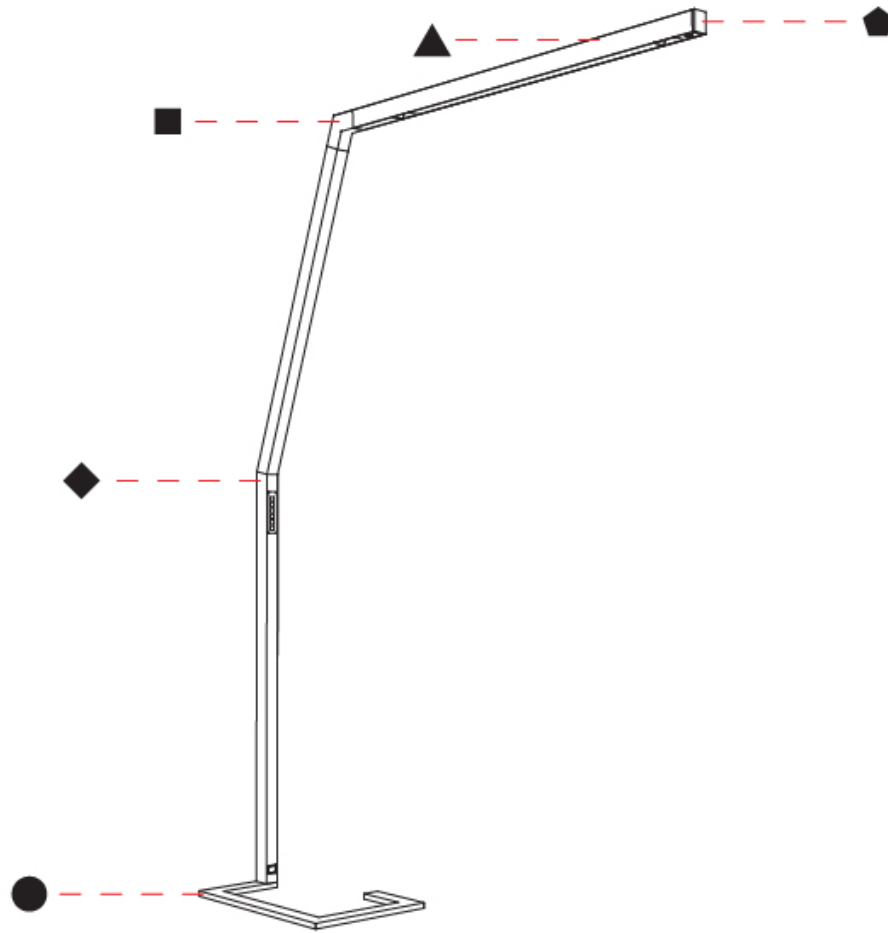
Certified By: Certified for North American Standards  
 IP rating: IP20



## HYPRO-F 160 PORTABLE

A340007-

PROJECT
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QUANTITY
DATE

## HYPRO-F 160 PORTABLE

### A340008-

base number    Color    Finishes    Finishes    Finishes    Finishes    Finishes    Diffuser  
 Temperature

- 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: Hypro-F  
 Subseries: Hypro-F 160  
 Partner: Prolicht  
 Division: Architectural  
 Installation: Portable  
 Product Type: Floor  
 Mounting Location: Floor  
 Light Distribution: Direct / Indirect

#### PHYSICAL

Shape: Abstract  
 Length (mm): 1750  
 Length (in): 68 <sup>7</sup>/<sub>8</sub>  
 Width (mm): 380  
 Width (in): 14 <sup>15</sup>/<sub>16</sub>  
 Height (mm): 2200  
 Height (in): 86 <sup>5</sup>/<sub>8</sub>  
 Diffuser: PMMA - Micro-prism / Rico  
 Fixture Finish: ANA / SSR / BKV / CWI / CRY / HAB / MSR / UFT / ITA / RUA / OGR / FTG / MYG / RWR / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR  
 Fixture Material: Aluminum Die Cast

#### ELECTRICAL

Lamp Type: LED (Zhaga Standard)  
 Input Wattage (W): 96  
 Total Output Wattage (W): 87.3  
 Driver Included: Yes  
 Driver Location: Integrated  
 Input Voltage (V): 120 - 277

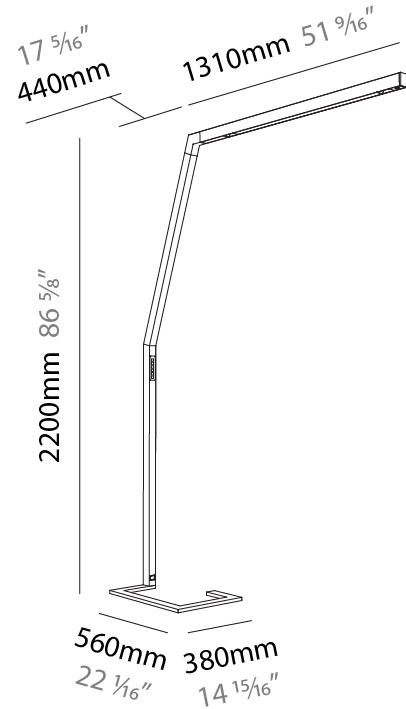
#### LED

Color Temperature (°K): 3000 / 4000  
 Max. Delivered Lumen (lm): 6861-7119  
 CRI: >90 CRI

#### OPTICAL

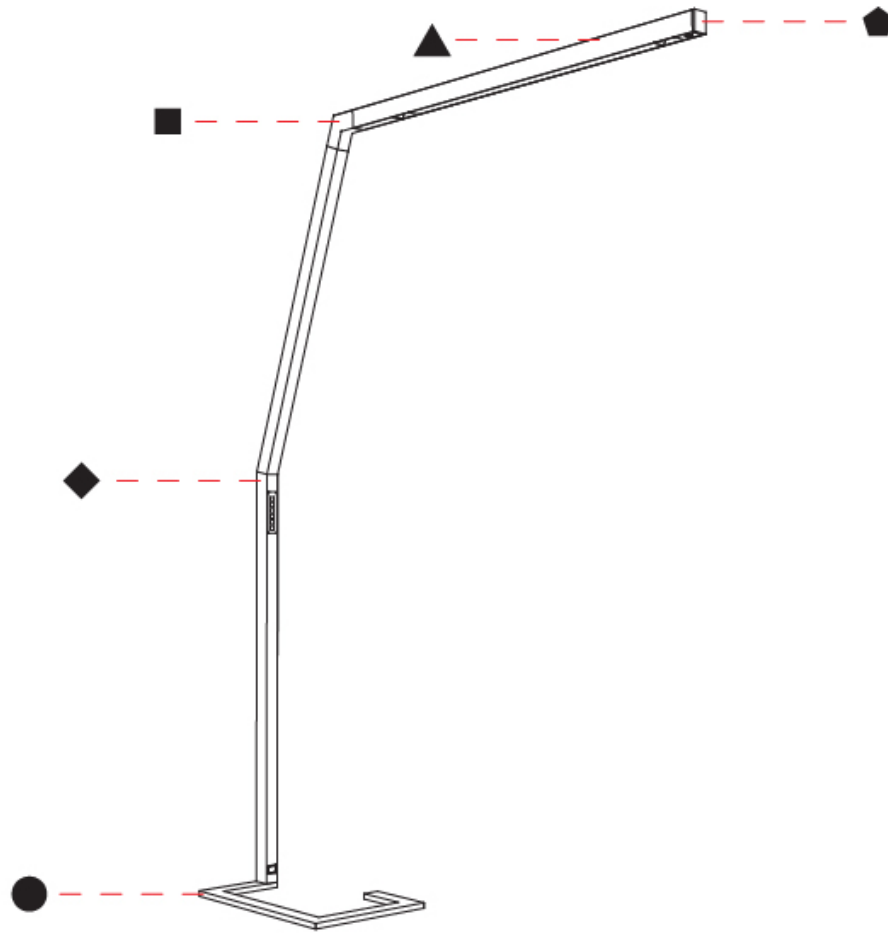
#### RATINGS AND CERTIFICATIONS

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



A340008-

PROJECT
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PROJECT
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QUANTITY
DATE

## HYPRO-F 160 PORTABLE

**A340009-**

base number    Color Temperature    Finishes    Finishes    Finishes    Finishes    Finishes    Diffuser    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: Hypro-F  
 Subseries: Hypro-F 160  
 Partner: Prolicht  
 Division: Architectural  
 Installation: Portable  
 Product Type: Floor  
 Mounting Location: Floor  
 Light Distribution: Direct / Indirect

### PHYSICAL

Shape: Abstract  
 Length (mm): 1750  
 Length (in): 68 7/8  
 Width (mm): 380  
 Width (in): 14 15/16  
 Height (mm): 2200  
 Height (in): 86 5/8  
 Diffuser: PMMA - Micro-prism / Rico and PMMA - Opal / Linear Scattering / Lens  
 Fixture Finish: ANA / SSR / BKV / CWI / CRY / HAB / MSR / UFT / ITA / RUA / OGR / FTG / MYG / RWR / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR  
 Fixture Material: Aluminum Die Cast

### ELECTRICAL

Lamp Type: LED (Zhaga Standard)  
 Input Wattage (W): 96  
 Total Output Wattage (W): 87.3  
 Driver Included: Yes  
 Driver Location: Integrated  
 Input Voltage (V): 120 - 277

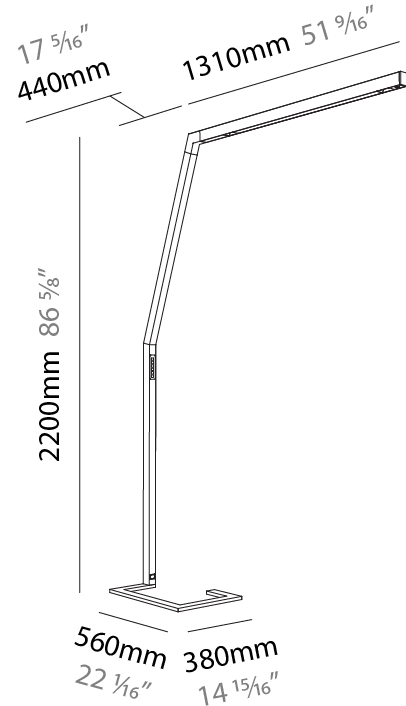
### LED

Color Temperature (°K): 3000 / 4000 / TW  
 Max. Delivered Lumen (lm): 4068-7001  
 CRI: >90 CRI

### OPTICAL

### RATINGS AND CERTIFICATIONS

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



## HYPRO-F 160 PORTABLE

A340009-

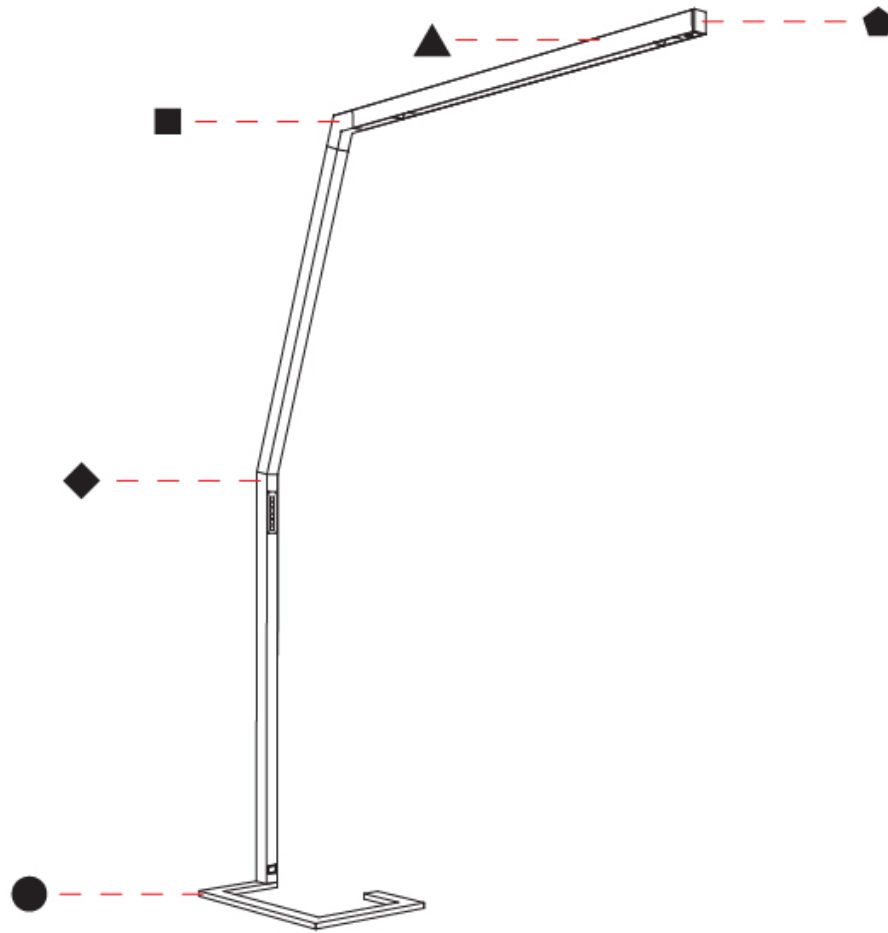
PROJECT \_\_\_\_\_

TYPE \_\_\_\_\_

SPECIFIER \_\_\_\_\_

QUANTITY \_\_\_\_\_

DATE \_\_\_\_\_



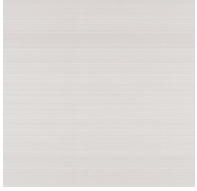
A

## HYPRO-F

### COLOR FINISH CHART

#### Fixture Finish

Aluminum Natural Anodized - 00 (ANA)



Sparkling Silver - 01 (SSR)



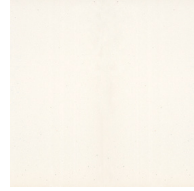
Black Velvet - 02 (BKV)



Crystal White - 03 (CWI)



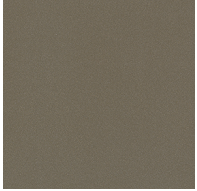
Creamy - 04 (CRY)



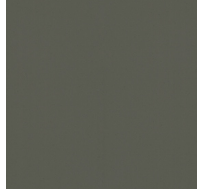
Hampton Bay - 05 (HAB)



Urban Forest - 07 (UFT)



In the Army - 08 (ITA)



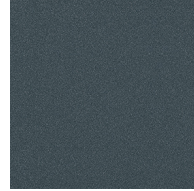
Rusty Angel - 09 (RUA)



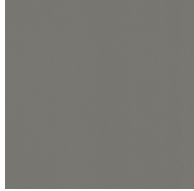
Fade to Gray - 12 (FTG)



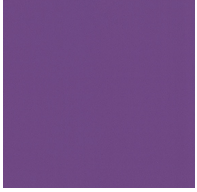
Mysterious Gray - 13 (MYG)



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)



Champagne Cream - 26 (CHC)



Copper Mine - 27 (COM)



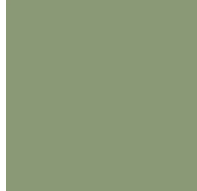
Ancient Bronze - 28 (ABZ)



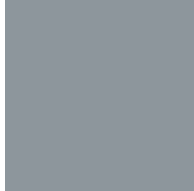
Jazz Gold - 29 (JAG)



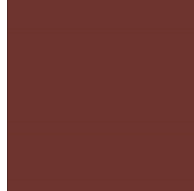
Olive Breeze - 30 (OBR)



Moonlight Silver - 31 (MOS)



Rosewood Red - 32 (ROR)



**Digital:** Not all screens are calibrated the same, and therefore, colors will appear differently between screens.

**Physical:** When texture is involved, there will be variations in color, character and tone within a product series and between product families.

**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		pivotal		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
	dimnable 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

	protected against ingress of solid bodies greater than 12.5mm (finger)
	protected against ingress of solid bodies greater than 2.5mm protected against sprays of water up to 60 degrees from the vertical (rain)
	protected against ingress of solid bodies greater than 1mm (wire) no protection against the ingress of moisture
	protected against ingress of solid bodies greater than 1mm (wire) protected against sprays of water up to 60 degrees from the vertical (rain)
	protected against ingress of solid bodies greater than 1mm (wire) protected against water splashed from all directions
	protected against limited ingress of dust (wet rooms/covered outdoor areas) protected against water splashed from all directions
	protected against ingress of dust protected against jets of water
	protected against ingress of dust protected against powerful jets of water or heavy seas
	protected against ingress of dust protected against immersion of water between 15cm - 1m for 30 minutes
	protected against ingress of dust protected against immersion of water under pressure for long periods

### IK RATING

	protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)
	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
	protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)
	protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)
	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
	protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)
	protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)
	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
	protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)
	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)